

**1995-1996**

**Graduate Medical Education Directory**

**Including Programs Accredited by the Accreditation  
Council for Graduate Medical Education**

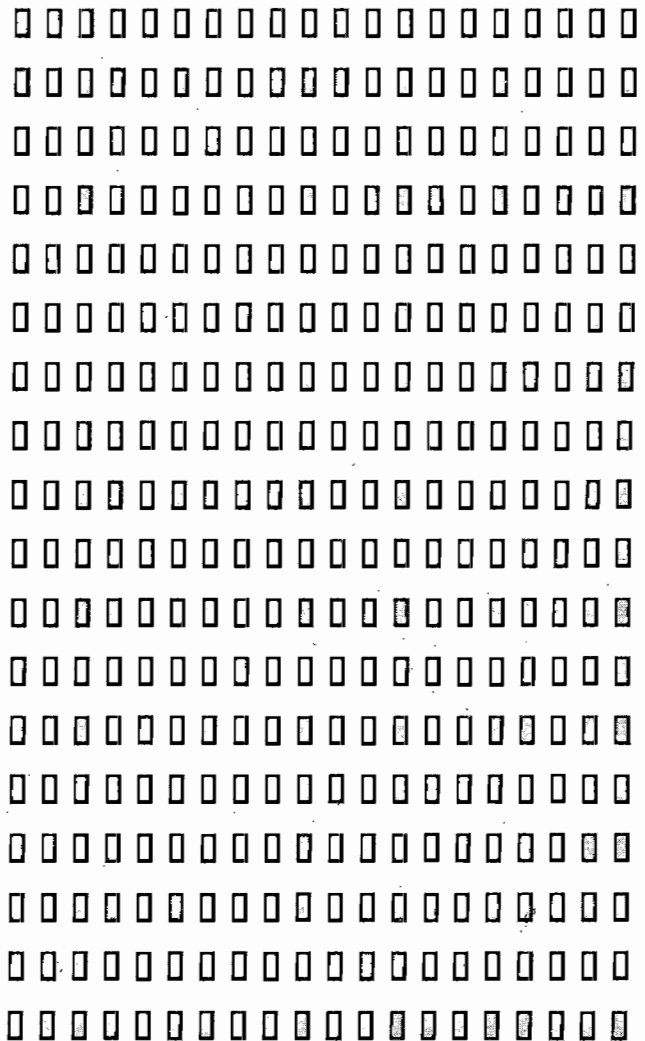


American Medical Association  
Physicians dedicated to the health of America



# Graduate Medical Education Directory

## 1995-1996



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### **Comments or Inquiries**

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## Preface

The *1995-1996 Graduate Medical Education Directory* (80th edition) published by the American Medical Association (AMA) is recognized as the official list of programs accredited by the Accreditation Council for Graduate Medical Education (ACGME).

The *Directory* provides medical students with a list of accredited graduate medical education (GME) programs in the United States, which aids them in making important professional decisions. State licensing boards, specialty societies, and hospitals refer to the *Directory* to verify the authenticity of programs presented by physicians who wish to qualify for licensure, certification, or hospital privileges. The *Directory* provides a unique historical record of accredited GME programs and background information about the ACGME accreditation process.

### Directory Description

Section I—Graduate Medical Education Information—summarizes the accreditation policies and procedures followed by the ACGME. Also included is information on regulations for entry of international medical graduates to the United States and admission to US residency programs, appointment to armed services GME programs, the Educational Commission for Foreign Medical Graduates, and the National Resident Matching Program.

Section II—Essentials of Accredited Residencies in Graduate Medical Education—provides information regarding the ACGME accreditation process, requirements for institutions sponsoring graduate medical education programs, and program requirements for each of the medical specialties and subspecialties. Program requirements describe curricular content for GME programs and may also address program resources and personnel, program length, and other specifications.

Section III—Accredited Graduate Medical Education Programs—lists GME programs accredited by the ACGME. Section II provides program name, sponsoring institution, primary clinical site (where applicable), participating institutions, program director name, address, and phone number, program length, total positions available, and program identification number. Specialties and subspecialties are listed in alphabetical order. Programs within each specialty or subspecialty are listed in alphabetical order by state and city. A list of accredited transitional year programs offered by hospitals or groups of hospitals is included in this section.

Section IV—Graduate Medical Education Teaching Institutions—lists institutions and organizations that sponsor GME programs, serve as primary clinical sites, and participate to a significant extent in residency training. Teaching institutions are organized by type of affiliation (sponsor, primary clinical site, and participant) and are listed alphabetically by state and city. Institution listings include the name and address of the institution, medical school affiliations (as verified annually by the deans of accredited US medical schools), a list of the specialties and subspecialties in which the institution provides training, and the institution identification number.

Appendix A—Combined Specialty Programs—provides information on programs that offer combined specialty training. Combined programs are approved by each respective medical specialty board, and the combined training is accepted for board certification. Although the ACGME has accredited each program separately, neither the ACGME nor the Residency Review Committees have reviewed these combined programs.

Appendix B—Medical Specialty Board Certification Requirements—contains information about the American Board of Medical Specialties (ABMS) and its member boards. Included are certification requirements of each ABMS member medical specialty board. Certification is the process by which a medical specialty board

grants recognition to an individual physician who has met certain predetermined qualifications, as specified by the board. Certification requirements are also published by and available from each medical specialty board. Questions concerning certification requirements should be directed to the particular specialty board office listed in Appendix B.

Appendix C—Medical Licensure Requirements—contains a summary of licensure requirements for each state taken from the 1995 edition of *US Medical Licensure Statistical and Current Licensure Requirements*, published by the AMA. Licensure is the process by which an agency of state government grants permission to an individual physician to practice medicine within the jurisdiction of that state. Inquiries concerning licensure should be directed to the individual state licensure offices listed in Appendix C.

Appendix D—Graduate Medical Education Programs Offering Shared Residency Positions—provides information on GME programs offering positions that can be shared by more than one resident physician. Programs are listed by specialty, state, and city of the sponsoring institution.

Appendix E—Medical Schools in the United States—contains a list of US medical schools accredited by the Liaison Committee on Medical Education (LCME). Appendix E provides the identification number, name, and location of each LCME-accredited medical school.

Appendix F—Abbreviations—provides a key to abbreviations used in the *Directory*.

### AMA Annual Graduate Medical Education Surveys

The AMA distributes the Annual Survey of GME Programs to more than 7,000 programs accredited by the ACGME. This electronic survey (on computer disk) collects data on program characteristics such as clinical and research facilities and the work and learning environments residents can expect. GME program directors also provide information about individual residents undertaking residency training.

The Annual Survey of GME Teaching Institutions is an electronic survey distributed by the AMA to approximately 900 institutions that officially sponsor ACGME-accredited programs and to about 700 that participate in GME training by making facilities available to one or more residency programs. Respondents provide information on institutional features, resources, and benefits available to residents, institutional teaching staff, and patients.

### AMA Enterprise Information Base

Advancements in technology have allowed organizations to join seemingly disparate data sources into powerful new information resources. Over the past several years, the AMA has organized all of its resident physician-based files onto a single computer platform that provides higher consistency and improved access to information. Thus, the Medical Education Research and Information Database (MERI) and the Census of Graduate Medical Trainees (CGMT) databases were merged with other physician information to form the AMA Enterprise Information Base (AMA EIB). The AMA EIB is the most comprehensive and authoritative database on resident and licensed physicians in existence.

The AMA EIB is used to produce portions of the *Graduate Medical Education Directory*. The AMA EIB is also used to produce the AMA Fellowship and Residency Electronic Interactive Database Access System (AMA-FREIDA), an electronic information resource that assists medical students and residents in selecting GME programs. Additional information on AMA publications and products is available from AMA Order Department, PO Box 109050, Chicago, IL 60610 (800 621-8335).

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### **Medical Education Data Service**

The AMA Medical Education Data Service was established in January 1993 to enhance collaborative research relationships with educational institutions, professional associations, government agencies, foundations, and others interested in collecting, analyzing, and disseminating medical education data. Published information, existing tables, custom tables, electronic data, and mailing labels are available through the Medical Education Data Service.

Detailed information on AMA annual surveys, data maintained in the GME database, and other medical education databases is provided in the *Medical Education Data Directory: A Compendium of Medical and Allied Health Education Data Elements*. Additional information on the *Medical Education Data Directory* is available from AMA Medical Education, 515 N State St, Chicago, IL 60610; 312 464-4956.

### **Medical Education Data Requests**

Written requests for data must state the purpose of the project, describe the specific data service requested, include expected due date for data, and provide the name, address, phone, and fax number of the project contact. When requests require substantial staff contribution or organizational overhead, a fee is assessed. Some data requests (custom tables) require a letter of agreement; others (electronic data) require a licensure agreement.

Individuals interested in obtaining medical or allied health education data should contact Gloria Gupta, AMA, 515 N State St, Chicago, IL 60610; 312 464-4956. Medical and allied health mailing label information is available from Nada Jensen at 312 464-5430 (see address above).

### **Acknowledgements**

Many people contributed to the publication of the *1995-1996 Graduate Medical Education Directory*. Program directors and

medical education and housestaff affairs staff provided updated information on the programs they administer. Information on GME teaching institutions was provided by the chief executive officers and their staff.

The work of the RCCs that review and evaluate programs provides a basis for program and institution information included in this directory. Particular mention should be made of the contributions of the Committee Executive Secretaries and Accreditation Administrators, who provided corrected copy of program requirements for residency education and notification of the most recent actions of the RRCs and ACGME. Special acknowledgement is given to the following ACGME staff for data exchange and quality assurance: Philip Kenny, PhD, John Nylen, MBA, and James Weinlader, PhD.

The ABMS and the individuals who staff the member boards of the ABMS provided requirements for certification in each of the medical specialties and subspecialties. Staff from the National Resident Matching Program and the Educational Commission for Foreign Medical Graduates also provided updated information. Information on licensure was provided by state medical boards, the AMA Department of Database Products, and the AMA Office of Physician Credentials and Qualifications.

A special acknowledgement is due to Tom Altergott for information resources management and training. Acknowledgements are also due to survey, database, and publication staff, including Kelly Carafotes, Sylvia Etzel, David Grissom, Melissa Hennessy, Nada Jensen, Enza Messineo, Rebecca Miller, and Jeanette Spillman.

Communications concerning this directory should be addressed to AMA Medical Education, 515 N State St, Chicago, IL 60610; 312 464-4956.

Gloria C Gupta, RDH, MS, Editor  
Monica Quiroz, Publications Associate

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# Section I

## Graduate Medical Education Information

### Review and Accreditation of Graduate Medical Education Programs\*

#### Introduction

The Accreditation Council for Graduate Medical Education (ACGME) is sponsored by the American Board of Medical Specialties, the American Hospital Association, the American Medical Association, the Association of American Medical Colleges, and the Council of Medical Specialty Societies. Each sponsoring organization appoints four representatives. The federal government names a representative to serve in a nonvoting capacity and the ACGME chooses two public representatives. There is also a resident representative, and the chair of the Residency Review Committee Council sits as a nonvoting representative. A Residency Review Committee consists of representatives appointed by the American Medical Association, the appropriate specialty board, and, in some cases, a national specialty organization. The Transitional Year Review Committee is composed of nine members who are appointed by the chair of the ACGME in conjunction with the Executive Committee. The term review committee is used to denote both residency review committee and transitional year review committee.

GME programs are accredited either by the ACGME upon the recommendation of an appropriate review committee, or by the review committee itself if accreditation authority has been delegated by the ACGME. Accreditation of a residency program indicates that it is judged to be in substantial compliance with the *Essentials of Accredited Residencies in Graduate Medical Education (Essentials)*. The jurisdiction of the ACGME is limited to programs in the United States, its territories, and possessions.

A list of programs accredited by the ACGME, including detailed information about each program, is published by the American Medical Association annually in the *Graduate Medical Education Directory*. With the exception of that information, the contents of program files are confidential, as are all other documents regarding a program used by a review committee.

#### Application and Site Visit

The accreditation review process is set in motion in one of two ways, depending upon whether the program under consideration is seeking initial accreditation, reaccreditation, or continued accreditation.

#### Application

In the case of a program seeking initial accreditation or reaccreditation, the process begins when the program director sends an application to the executive secretary of the review committee. Review and evaluation of an application involves several steps and usually requires 8 to 12 months from the time the application is received by the review committee executive secretary, until an accreditation action is taken.

The review committee executive secretary checks the application for completeness and forwards the document to the director of field staff, who schedules a site visit of the program. The scheduling and completion of the site visit takes approximately 6 months. In some

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\* The informal summary of the process of review and accreditation was adapted from official policies of the Accreditation Council for Graduate Medical Education (ACGME); additional information can be obtained in the *Manual of Policies and Procedures for Graduate Medical Education Review Committees*, available from the ACGME Office of the Executive Director.

specialties, a member of the review committee or a specialist will review the application to identify areas requiring clarification by the site visitor.

Reaccreditation following loss of accreditation involves the same process described above. A program cannot apply for reaccreditation while engaged in the appeals process described in this document.

### Review of Accredited Programs

Accredited programs undergo site visits and reviews on cycles determined by the review committee, as described below in the sections on actions regarding accreditation of general specialty and subspecialty programs. Program directors are notified well in advance of the site visit, at which time they receive the appropriate forms for completion. Program directors may request forms earlier, if they desire.

A review committee may elect to review a program outside the usual cycle. A program director also may request an early review. However, a program will not be reviewed while it is in the appeals process.

### Function of Site Visitor

There are two types of site visits, those conducted by ACGME field staff and those conducted by specialists. In either case, the site visitor does not participate in the final accreditation decision or recommendation of the review committee beyond providing a written report. It is the site visitor's primary responsibility to verify the information that has been provided by the program director. The site visitor also conducts interviews with administrators, faculty, and residents in order to report accurately on the various aspects of the educational program.

After the site visit has been completed, the site visitor's report is submitted to the review committee executive secretary who prepares the program file for evaluation by the review committee.

## Review and Accreditation

The review committee reviews the program information in detail, evaluates the program, and determines the degree to which it meets the published educational standards (*Essentials*). The review committee decides upon an accreditation status for the program and identifies areas of noncompliance with the *Essentials*.

### Actions Regarding Accreditation of General Specialty Programs

The following actions may be taken by a review committee regarding the accreditation status of general specialty programs and by the Transitional Year Review Committee regarding the status of transitional year programs.

#### Withhold Accreditation

A review committee may withhold accreditation when it determines that the proposal for a new program does not substantially comply with the *Essentials*. The review committee will cite those areas in which the proposed program does not comply with the *Essentials*.

#### Provisional Accreditation

Provisional accreditation is granted for initial accreditation of a program, or for a previously accredited program that had its accreditation withdrawn and has subsequently applied for reaccreditation. Provisional accreditation may also be used in the unusual circumstance in which separately accredited programs merge into one, or an accredited program has been so altered that in the judgment of the review committee it is the equivalent of a new program.

When a program is accredited on a provisional basis, the effective date of accreditation will be stipulated. Under special circumstances, the effective date may be made retroactive; however, unless specifically justified, it should not precede the beginning of the academic year during which the program is accredited.

Provisional accreditation implies that a program is in a developmental stage. It remains to be demonstrated that the proposal for which accreditation was granted will be implemented as planned. A review committee will monitor the developmental progress of a program accredited on a provisional basis. Following accreditation, programs should undergo a site visit in approximately 2 years in preparation for review by the respective committee. The interval between accreditation and the next review of the program should not exceed 3 years. In the course of monitoring a program's development, a review committee may continue provisional accreditation; however, the total period of provisional accreditation should not exceed 5 years for programs of 4 years duration or less, or the length of the program plus 1 year for programs of 5 years duration or longer. With the exception of special cases as determined by a review committee, if full accreditation is not granted within either of these time frames, accreditation of the program should be withdrawn.

#### Full Accreditation

A review committee may grant full accreditation in three circumstances:

- A. When programs holding provisional accreditation have demonstrated, in accordance with ACGME procedures, that they are functioning on a stable basis in substantial compliance with the *Essentials*;
- B. When programs holding full accreditation have demonstrated, upon review, that they continue to be in substantial compliance with the *Essentials*; and
- C. When programs holding probationary accreditation have demonstrated, upon review, that they are in substantial compliance with the *Essentials*.

The maximum interval between reviews of a program holding full accreditation is 5 years; however, a review committee may specify a shorter cycle.

#### Probationary Accreditation

This category is used for programs holding full accreditation which are no longer considered to be in substantial compliance with the *Essentials*. The normal interval for review of programs holding probationary accreditation is 2 years; however, a review committee may specify a shorter cycle. In reviewing a program holding probationary accreditation, a committee may exercise the following options: grant full accreditation; withdraw accreditation; or, in special circumstances, continue probationary accreditation. A program should not hold probationary accreditation for more than 4 consecutive years until it is returned to full accreditation or the review committee acts to withdraw accreditation. This period may be extended for procedural reasons, as when a program exercises the right to appeal procedures, or the review schedule exceeds 4 years. The probationary period is calculated from the date of the initial decision for probation. The *Procedures for Proposed Adverse Actions* and *Procedures for Appeal of Adverse Actions*, in subsequent text, provide further details on adverse actions.

#### Withdrawal of Accreditation

Accreditation of a program may be withdrawn under the following conditions:

- A. Noncompliance with *Essentials*. Accreditation of programs holding either provisional accreditation or probationary accreditation may be withdrawn as follows:
  1. For programs holding provisional accreditation, once a review committee has notified a program director that the program has not developed as proposed to establish and maintain substantial compliance with the *Essentials*, the program will be subject to withdrawal of accreditation for failure to be in substantial compliance with the *Essentials*.

2. For programs holding probationary accreditation, once a review committee has notified a program director that the program is accredited on a probationary basis, the program will be subject to withdrawal of accreditation for continued failure to be in substantial compliance with the *Essentials*.
  3. In giving notification, as indicated in 1. and 2. above, a review committee must indicate the areas in which the program is judged not to be in substantial compliance with the *Essentials*. It is understood that these areas may change in the course of multiple reviews conducted from the time a program is first given notice that it is not in compliance until withdrawal of accreditation may occur.
- B. Request of Program. Voluntary withdrawal of accreditation may occur at the request of the program director in the following ways:
1. A program director may request voluntary withdrawal of accreditation of a program, without prejudice. It is expected that if a program is deficient for one or more of the reasons set forth in E. below, the director will seek voluntary withdrawal of accreditation. Normally such requests would come from the program director, with a letter of confirmation from the sponsoring institution's chief executive officer.
  2. Two or more programs may be merged into a single new program. If the review committee accredits the new program, it will take concurrent action for withdrawal of accreditation, without prejudice, of the previously separate programs. The review committee will consider the expressed preference of the program director in establishing the effective date for withdrawal of accreditation of the program(s).
- C. Delinquency of Payment. Programs that are judged to be delinquent in payment of fees are not eligible for review, and shall be notified by certified mail, return receipt requested, of the effective date of withdrawal of accreditation. On that date, the program will be removed from the list of ACGME-accredited programs.
- D. Noncompliance with Accreditation Actions and Procedures. A program director may be deemed to have withdrawn from the voluntary process of accreditation and a review committee may take appropriate action to withdraw accreditation if that director refuses to comply with the following actions and procedures:
1. To undergo a site visit and program review;
  2. To follow directives associated with an accreditation action; and
  3. To supply a review committee with requested information.
- E. Program Inactivity or Deficiency. A review committee may withdraw accreditation from a program, regardless of its current accreditation status, under the following circumstances:
1. The program has been inactive for 2 or more years.
  2. The program has incurred a catastrophic loss or complete change of resources, eg, faculty, facilities, or funding, such that the program is judged not creditable.
- F. Withdrawal of accreditation for reasons noted in the above paragraphs (Delinquency of Payment, Noncompliance with Accreditation Actions and Procedures, and Program Inactivity or Deficiency) is an administrative action and is not subject to the appeals process.
- G. The following policies apply when action is taken to withdraw accreditation (except for establishment of an effective date in the case of voluntary withdrawal of accreditation or withdrawal of accreditation because of inactivity or deficiency):
1. The effective date of withdrawal of accreditation shall not be less than 1 year from the date of the final action taken in the procedures to withdraw accreditation.
  2. The effective date of withdrawal of accreditation shall permit the completion of the training year in which the action becomes effective.
  3. Once notification has been made of the effective date of withdrawal of accreditation, no residents may be appointed to the program.
  4. When action has been taken by a review committee to withdraw accreditation of a residency program, and the program has entered into appeal procedures, an application for reaccreditation of the program will not be considered until the appeal action is concluded.
- The *Procedures for Proposed Adverse Actions* and *Procedures for Appeal of Adverse Actions*, provided in this document, contain further details.
- ### Actions Regarding Accreditation of Subspecialty Programs
- There are two procedural models for the accreditation of subspecialty programs:
- A. When the accreditation status of a subspecialty program is not directly related to, or dependent upon, the status of a general specialty/parent program, the subspecialty programs are accredited in accordance with the same procedures used for general specialty programs as heretofore described.
  - B. When the accreditation status of a subspecialty program is directly related to, or dependent upon, the status of a general specialty/parent program, the following accreditation actions are used:
    1. Withhold Accreditation. A review committee may withhold accreditation when it determines that the proposal for a new subspecialty program does not substantially comply with the *Essentials*. The review committee will cite those areas in which the proposed program does not comply with the *Essentials*.
    2. Accreditation. The subspecialty program has demonstrated substantial compliance with the *Essentials* and is attached to a general specialty program that holds full accreditation.
    3. Accreditation with Warning. The accredited subspecialty program has been found to have one or more areas of noncompliance with the *Essentials* that are of sufficient substance to require correction.
    4. Accreditation with Warning, Administrative. The general specialty program to which the subspecialty program is attached has been granted accreditation on a probationary basis. This action simultaneously constitutes an administrative warning of potential loss of accreditation to any subspecialty program that is attached to the general specialty program.
    5. Withdraw Accreditation. An accredited subspecialty program is considered to be not in substantial compliance with the *Essentials* and has received a warning about areas of noncompliance.
    6. Withdraw Accreditation, Administrative. If a general specialty program has its accreditation withdrawn, simultaneously the accreditation of any subspecialty program that is attached to the general specialty program is administratively withdrawn.
    7. Other Actions by a Review Committee. The policies and procedures on withdrawal of accreditation of general specialty programs, as well as those on deferral of action, resident complement, participating institutions, and progress reports governing general specialty programs, also apply to the actions concerning subspecialty programs.
- ### Warning Notices
- A review committee may use a special procedure to advise a program director that it has serious concerns about the quality of the program and that the program's future accreditation status may be

in jeopardy. In keeping with the flexibility inherent in the accreditation process, each review committee may use this procedure in accordance with its own interpretation of program quality and the use of the different accreditation categories. This procedure is not considered an adverse action and therefore is not subject to the appeal procedures.

The warning procedure may be used as follows:

- A. For a program with provisional accreditation. A review committee may elect to continue provisional accreditation, but include in the letter of notification a statement that the program will be reviewed in approximately 1 year, following a site visit, at which time withdrawal of accreditation will be considered if the program has not achieved satisfactory development in establishing substantial compliance with the *Essentials*.
- B. For a program with full accreditation. A review committee may elect to continue full accreditation, but include in the letter of notification a statement that the program will be reviewed in approximately 1 year, following a site visit, at which time probationary accreditation will be considered if the program is not in substantial compliance with the *Essentials*.
- C. Review committees may extend the interval before the next review to 2 years, as in cases where program improvements may be addressed more appropriately within 2 years rather than 1 year.

#### Deferral of Accreditation Action

A review committee may defer a decision on the accreditation status of a residency program. The primary reason for deferral of accreditation action is lack of sufficient information about specific issues, which precludes an informed and reasonable decision. When a committee defers accreditation action, the residency program retains its current accreditation status until a final decision is made.

#### Size of Resident Complement

The complement of residents in a program must be commensurate with the total capacity of the program to offer each resident an educational experience consistent with accreditation standards; thus, a review committee may indicate that a residency program is accredited to train a specific number of residents as a maximum at any one time. In addition, a committee may indicate the number of residents to be trained in each year of the program. A review committee may also indicate that a minimum number of residents is considered necessary in each program to provide an effective learning environment.

#### Participating Institutions

The sponsoring institution of a residency program may utilize one or more additional institutions to provide necessary educational resources. In such cases, a review committee may evaluate whether each participating institution contributes meaningfully to the educational program.

#### Progress Reports

A review committee may request a progress report from a program director. The committee should specify the exact information to be provided and a specific due date for the report.

### Notification of Accreditation Status

#### Letters of Notification

Accreditation actions taken by a review committee are reported to program directors by formal letters of notification. The accreditation status of any program will change only by subsequent action of the review committee. The notification letters usually contain reference to the approximate time of the next site visit and review of the program.

#### Notifying Residents

Residents in a program should be aware of the accreditation status of the program and must be notified of any change in the accreditation status. When an adverse action is taken, program directors must notify all current residents and applicants to the program in writing. Copies of the letters to residents and applicants must be kept on file by the program director and a copy shall be sent to the executive secretary of the review committee within 50 days of receipt of the notification of the adverse action. Additional information regarding notification letters is contained in the *Procedures for Proposed Adverse Actions* and *Procedures for Appeal of Adverse Actions*.

#### Period of Accreditation

When a residency program is initially accredited, accreditation commences with the date specified in the letter of notification. A program remains accredited until action is taken by a review committee to withdraw accreditation.

### Procedures for Proposed Adverse Actions and Appeal of Adverse Actions

#### Procedures for Proposed Adverse Actions (Effective: January 1, 1993)

The following procedures will be implemented when a residency review committee<sup>1</sup> (RRC) determines that a program is not in substantial compliance with the *Essentials of Accredited Residencies in Graduate Medical Education (Essentials)*.

- A. When an RRC determines that an adverse action<sup>2</sup> is warranted, the RRC will first give notice of its proposed adverse action to the program director and the chief administrative officer of the sponsoring institution. This notice of proposed adverse action will include the citations that form the basis for the proposed adverse action, a copy of the site visitor's report, and the date by which the program may submit, in writing, its response to each of the citations and to the proposed adverse action.
- B. The program may provide to the RRC written information: revising or expanding factual information previously submitted; challenging the findings of the site visitor; rebutting the interpretation and conclusions of the RRC; demonstrating that cited areas of noncompliance with the published standards did not exist at the time when the RRC reviewed the program and proposed an adverse decision; and contending that the program is in compliance with the standards. The RRC will determine whether the information may be considered without verification by a site visitor.
- C. The RRC will complete its evaluation of the program at a regularly scheduled meeting, as indicated to the program director in the notice of proposed adverse action. The RRC may confirm its proposed adverse action or modify its position and take a nonadverse action.
- D. If an RRC takes an adverse action, it will communicate to the program director the adverse action and the citations, as described above, including comments on the program director's response to these citations.
- E. The letter of notification, which will include information on the right of the program to appeal the RRC's decision to the ACGME,

1. Here and elsewhere in these *Procedures for Proposed Adverse Actions*, reference to Residency Review Committee also includes the ACGME's Transitional Year Review Committee.

2. Here and elsewhere in these *Procedures for Proposed Adverse Actions*, the word *action* reflects delegation of accreditation authority to the RRC. In the event of a decision by an RRC not holding delegated authority, read *recommendation of an RRC and action by the ACGME* throughout the procedures.

will be sent to the program director, as well as to the persons or agencies entitled to receive copies. The program director may appeal the decision; otherwise, it is final. If the decision is accepted as final, the program director may subsequently request a new review in order to demonstrate that the program is in compliance with the standards.

- F. Upon receipt of notification of an adverse accreditation action, the program director must inform, in writing, the residents and applicants that the adverse action has been taken and whether the action will be appealed. A copy of the written notice must be sent to the executive secretary of the RRC within 50 days of receipt of the RRC's letter of notification.

#### Procedures for Appeal of Adverse Actions (Effective: January 1, 1993)

- A. If an RRC<sup>1</sup> takes an adverse action,<sup>2</sup> the program may request a hearing before an appeals panel. If a written request for such a hearing is not received by the executive director of the ACGME within 30 days following receipt of the letter of notification, the action of an RRC will be deemed not subject to further appeal.

If a hearing is requested, the panel will be appointed according to the following procedures:

1. The ACGME shall maintain a list of qualified persons in each specialty as potential appeals panel members. Such lists of persons should come from professional backgrounds and settings representative of those in which GME programs are conducted.
  2. For a given hearing, the program shall receive a copy of the list of potential appeals panel members and shall have an opportunity to delete a maximum of one-third of the names from the list of potential appeals panel members. Within 15 days of receipt of the list, the program shall submit the revised list to the executive director of the ACGME.
  3. A three-member appeals panel will be constituted by the ACGME from among the remaining names on the list.
- B. When a program requests a hearing before an appeals panel, the program reverts to its status prior to the appealed adverse action until the ACGME makes a final determination on the status of the program. Nonetheless, at this time residents must be notified of the adverse action by an RRC on the accreditation status.
- C. Hearings conducted in conformity with these procedures will be held at a time and place to be determined by the ACGME. The program shall be notified of the time and place of the hearing at least 25 days prior to the hearing.
- D. The program will be given the documentation of the RRC action in confirming its adverse action.
- E. The documents comprising the program file and the record of the RRC's action, together with oral and written presentations to the appeals panel, shall be the basis for the recommendations of the appeals panel.
- F. The appeals panel shall meet and review the written record, and receive the presentations. The appropriate RRC shall be notified of the hearing, and a representative of the RRC may attend the hearing to be available to the appeals panel to provide clarification of the record.

Proceedings before an appeals panel are not of an adversary nature as typical in a court of law, but rather, provide an administrative mechanism for peer review of an accreditation decision about an educational program. The appeals panel shall not be bound by technical rules of evidence usually employed in legal proceedings.

The program may not amend the statistical or narrative descriptions on which the decision of the RRC was based. Furthermore, the appeals panel shall not consider any changes in the program, or descriptions of the program, which were not in the

record at the time when the RRC reviewed the program and proposed an adverse decision.<sup>3</sup> Presentations shall be limited to clarifications of the record, to arguments to address compliance by the program with the published standards for accreditation, and to the review of the program in the context of the administrative procedures governing accreditation of programs.

The appellant shall communicate with the appeals panel only at the hearing or in writing through the executive director of the ACGME.

The appeals panel shall make recommendations to the ACGME whether there is substantial, credible, and relevant evidence to support the action taken by the RRC in the matter that is being appealed. The appeals panel, in addition, will make recommendations as to whether there has been substantial compliance with the administrative procedures governing the process of accreditation of graduate medical education programs.

- G. The program may submit additional written material within 15 days after the hearing. The intention to submit such material must be made known to the appeals panel at the hearing.
- H. The appeals panel shall submit its recommendations to the ACGME within 20 days after receipt of additional material. The ACGME shall act on the appeal at its next regularly scheduled meeting.
- I. The decision of the ACGME in this matter shall be final. There is no provision for further appeal.
- J. The executive director of the ACGME shall, within 15 days following the final ACGME decision, notify the program under appeal of the decision of the ACGME.
- K. Expenses of the appeals panel members and the associated administrative costs shall be shared equally by the appellant and the ACGME.

#### Program Organization

The organization of a program may involve any of several administrative forms. For example, a program may be conducted within a single institution, that is, the assignment of residents is limited to that institution; or a program may involve more than one institution, that is, the resident assignments are not limited to the sponsoring institution.

Some RRC's have specific requirements relating to program organization. These may be found in the appropriate *Program Requirements* (see Section II).

#### Institutional Review

Procedures for review of institutions for compliance with the *Institutional Requirements* of the *Essentials* have been established in addition to the process of review and accreditation of programs in graduate medical education.

The purpose of the review is to determine whether the institution has established, documented, and implemented institutional policies as required by the *Institutional Requirements* of the *Essentials* for the governance of all residency programs under its sponsorship.

Institutions that sponsor two or more programs will undergo an institutional site visit and will have formal review by the ACGME. Institutions that sponsor only one residency program will undergo an

3. Option: When there have been substantial changes in a program and/or correction of citations after the date of the proposed action by the RRC, a program may forego an appeal and request a new evaluation and accreditation decision. Such an evaluation will be done in accordance with the ACGME procedures including an on-site survey of the program. The adverse status will remain in effect until a re-evaluation and an accreditation decision has been made by the RRC.



institutional review as part of their program site visit and will be reviewed by the appropriate RRC.

Results of institutional review evaluation for institutions with two or more programs are reported as either favorable or unfavorable in a formal letter of report. The date of the next institutional review will be identified in this letter. Results of institutional review for institutions with a single residency are incorporated in the letter of program accreditation notification.

An institution that has received an unfavorable evaluation can request another institutional review earlier than the designated review cycle. Two successive unfavorable reviews of an institution will lead to a warning and a third successive unfavorable review to the withdrawal of accreditation of all the residency programs sponsored by the institution. An appeals mechanism has been established for the latter contingency.

### Fees for Evaluation and Accreditation

Fees charged for the accreditation of programs are determined annually by the ACGME. As of January 1, 1995, the following fee schedule is in effect.

#### Application Fee

A fee is charged for processing applications for programs seeking initial accreditation or reaccreditation, including subspecialty programs. The charge for applications is \$1,000. It is normally billed at the time the application is received.

#### Program Site Visit and Review

A fee is charged for the site visit and review of programs.

The charge for a site visit and review is \$2,500, whether the visit is done by an ACGME field representative or by a specialist in the appropriate discipline. This fee applies to all accredited programs, including subspecialty programs. This fee applies also to site visits for institutional review.

#### Annual Per Resident Fee

An annual fee is charged for each position filled in an accredited residency training program. The fee is calculated on the number of residents/fellows/trainees in each program as of September 1 of the given academic year. Programs are billed around January 1 of that academic year. The fee charged in 1994-1995 was \$40 per resident.

### Information and Inquiries

Inquiries regarding any aspect of the accreditation process should be directed to the ACGME executive director or to the executive secretary of the appropriate RRC at the following addresses

ACGME 515 N State St/Ste 2000  
Chicago, IL 60610

Inquiries regarding fees should be directed to

ACGME Credit Manager  
515 N State St/Ste 2000  
Chicago, IL 60610  
312 464-4920

For telephone inquiries, please use the following numbers

John C Gienapp, PhD, Executive Director ACGME  
312 464-4920

Judith S Armbruster, PhD, 312 464-4642  
Executive Secretary, RRCs for  
Anesthesiology  
Nuclear Medicine  
Radiology-Diagnostic  
Radiation Oncology

John T Boberg, PhD, 312 464-4687  
Executive Secretary, RRCs for  
Ophthalmology  
Surgery  
Thoracic Surgery

Vacant, 312 464-5408  
Executive Secretary, RRCs for  
Emergency Medicine  
Neurological Surgery  
Psychiatry

Steven P Nestler, PhD, 312 464-4692  
Executive Secretary, RRCs for  
Dermatology  
Medical Genetics  
Orthopaedic Surgery  
Pathology

Paul O'Connor, PhD, 312 464-4683  
Executive Secretary, RRCs for  
Colon and Rectal Surgery  
Neurology  
Obstetrics and Gynecology  
Physical Medicine and Rehabilitation

Mary Alice Parsons, 312 464-4947  
Executive Secretary, RRCs for  
Family Practice  
Pediatrics

William E Rodak, PhD, 312 464-4953  
Executive Secretary, RRC for  
Internal Medicine

Doris A Stoll, PhD, 312 464-5505  
Executive Secretary, RRCs for  
Allergy and Immunology  
Otolaryngology  
Preventive Medicine  
Plastic Surgery  
Urology

Cynthia Taradejna, 312 464-4685  
Executive Secretary for  
Transitional Year Review Committee

Catherine A Horan, PhD, 312 464-5584  
Administrator for Institutional Review

Philip W Kenny, PhD, 312 464-4948  
Director of Field Staff (Site Visits)

Barbara J Warren, 312 464-4939  
Office Manager (invoices, vouchers)

James R Weinlader, PhD, 312 464-5405  
Director of Residency Review Committee Activities

## Entry of Foreign-Born Medical Graduates to the United States

The entry of foreign-born graduates of non-US medical schools to the United States is governed by the US Immigration and Nationality Act (INA), as amended, which is administered by the US Immi-

gration and Naturalization Service (INS). It is a violation of federal law to provide employment to a non-US citizen who does not hold a visa permitting employment, or other appropriate work authorization documents from the INS. Thus, residency program directors considering foreign-born international medical graduates (IMGs) should appoint only those who hold an exchange visitor (J-1), temporary worker (H-1B) or immigrant visa, or INS-issued or approved work permit. These foreign-born IMGs should also hold the Standard Certificate of the Educational Commission for Foreign Medical Graduates (ECFMG).

### Certification by the Educational Commission for Foreign Medical Graduates

The ECFMG, through a program of certification, assesses the readiness of IMGs to enter US residency or fellowship programs that are accredited by the Accreditation Council for Graduate Medical Education (ACGME). The ECFMG and its sponsoring organizations define an IMG as a physician whose basic medical degree or qualification was conferred by a medical school located outside the United States, Canada, and Puerto Rico. The medical school must be listed at the time of graduation in the *World Directory of Medical Schools*, published by the World Health Organization. US citizens who have completed their medical education in schools outside of the United States, Canada, and Puerto Rico are considered IMGs, while foreign nationals who have graduated from medical schools in the United States, Canada, and Puerto Rico are not.

ECFMG certification provides assurance to ACGME-accredited residency program directors and to the people of the United States that IMGs have met minimum standards of eligibility required to enter such programs. ECFMG certification is also a prerequisite required by most states for licensure to practice medicine in the United States and is one of the eligibility requirements to take Step 3 of the United States Medical Licensing Examination (USMLE).

To meet the medical education credential requirement for ECFMG certification, applicants must have completed all the education requirements to practice medicine in the country in which they received their medical education. A national of the country must have an unrestricted license or certificate of full registration to practice medicine in that country.

All medical credentials received by the ECFMG are sent by the ECFMG to the foreign medical schools for verification by the appropriate officials. ECFMG medical education credential requirements are not fulfilled until such verifications are received by the ECFMG.

To meet the examination requirements for the ECFMG certification, an applicant must:

1. Pass the medical science examination (Step 1 and Step 2 of the USMLE are currently administered for this purpose). While the 1-day ECFMG medicine examination, the 2-day Visa Qualifying Examination, the Part I and Part II examinations of the NBME, and Day 1 and Day 2 of the Foreign Medical Graduate Examination in the Medical Sciences are no longer administered, a passing performance which was obtained on any of those medical examinations is accepted for ECFMG certification. Also, applicants are permitted to combine the basic medical science test of one of these examinations with the clinical science test of one of the other examinations.

Additionally, the 3-day Federation Licensing Examination (FLEX), is accepted for ECFMG certification if taken prior to June 1985 and a score of 75 or higher on each of the 3 days of a single administration has been obtained.

While foreign national physicians may meet the medical science examination requirement for ECFMG certification based on the former 1-day ECFMG examination, last administered in February 1984, or FLEX taken prior to June 1985, these examina-

- tions have not been recognized by the US Secretary of Health and Human Services as meeting the medical science examination requirement to obtain a visa to enter the United States. See below.
2. Pass the ECFMG English test. The only alternative English test the ECFMG will accept is a Friday or Saturday (formerly special or international) administration of TOEFL (Test of English as a Foreign Language), provided that applicants have previously taken an ECFMG English test. Passing performance on the English test is valid for 2 years.

A Standard ECFMG Certificate is issued to applicants who meet the medical science and English language requirements, fulfill the medical education credential requirement, and clear their financial account with the ECFMG. The Standard ECFMG Certificate is considered valid for entry into an ACGME, accredited graduate medical education program so long as passing performance on the English test has not expired. If the holder of the certificate has entered such a program in the United States prior to the English test expiration date, the certificate is no longer subject to expiration. In order for an applicant to obtain permanent revalidation for the certificate, ECFMG must receive a letter from the program director giving the date the individual began the program as well as a description of the field or specialty. On receipt of such a letter, ECFMG will provide a revalidation sticker to the holder of the certificate. Standard ECFMG Certificates may also be revalidated for a period of 2 years by passing an ECFMG English test or TOEFL.

For further information on ECFMG examinations and certification, contact

ECFMG  
3624 Market St  
Philadelphia, PA 19104-2685  
215 386-5900  
215 386-9196 Fax

### Visas That Permit Graduate Medical Education or Training

#### Exchange Visitor J-1

Foreign national physicians use the exchange visitor J-1 nonimmigrant visa class most often for graduate medical education and training. The Exchange Visitor Program is regulated by the United States Information Agency (USIA). USIA designates various organizations and educational institutions as Exchange Visitor Program sponsors. Each designation is designed for a specific purpose appropriate to that sponsor. USIA has designated the ECFMG as the only organization authorized to sponsor foreign national physicians to engage in graduate medical education or training. Such education or training is defined in the US Code of Federal Regulations as participation in a program in which the foreign national physician will receive graduate medical education or training, which generally consists of a residency or fellowship program involving the provision of health care services to patients. This program may consist of a medical specialty, a directly related medical subspecialty, or both.

To be eligible for ECFMG exchange visitor sponsorship for graduate medical education, the foreign national physician must pass either the National Board of Medical Examiners (NBME) former Part 1 and Part 2 examinations, or an examination determined to be equivalent to NBME by the secretary of the US Department of Health and Human Services. The following examinations have been determined to be equivalent to the NBME Part 1 and Part 2 examinations for this purpose:

- Day 1 and Day 2 of the former Visa Qualifying Examination;
- Day 1 and Day 2 of the former Foreign Medical Graduate Examination in the Medical Sciences; and

- Step 1 and Step 2 of the United States Medical Licensing Examination.
- In addition, the foreign national physician must:
- Hold a valid Standard ECFMG Certificate;
  - Have a contract with an ACGME-accredited program that is affiliated with a US medical school; and
  - Provide a written statement from the Ministry of Health in the country of most recent legal permanent residence that attests to the need for physicians trained in the exchange visitor's specialty and verifies that the exchange visitor has filed written assurance that he/she will return to the country upon completion of training.

The duration of stay for exchange visitors in graduate medical education is the time required to meet the educational requirements for certification by an American specialty board that has been recognized by the American Board of Medical Specialties for a maximum of 7 years.

Exchange visitor physicians who enter the United States for the purpose of graduate medical education are automatically subject to the 2-year home physical presence requirement of the Immigration and Nationality Act as amended. This means that prior to applying for H (temporary worker), L (intracompany transferee), permanent resident, or immigrant status, the exchange visitor must reside and be physically present in the country of most recent legal permanent residence for an aggregate of at least 2 years.

Foreign national graduates of LCME-accredited US and Canadian medical schools who enter the United States for the purpose of graduate medical education are also eligible for ECFMG sponsorship. As graduates of LCME-accredited medical schools, they are required to have passed either the former NBME Part 1 and Part 2 examinations or the USMLE Step 1 and Step 2. They are not required to hold a Standard ECFMG Certificate. However, they must meet all other requirements for exchange visitor sponsorship and are also held to the 2-year home country physical presence requirement.

Another uncommon, but possible, case occurs when an exchange visitor is a medical student in J-1 student status at a US college or university. Such students who graduate from US medical schools are eligible for up to 36 months of postdoctoral academic training in the field of study. Graduates of US medical schools may, therefore, use academic training authorization to undertake a residency. This work is authorized by the school from which the student graduated. The J-1 "responsible officer" at the US medical school can usually provide information necessary to make employment eligibility determinations for these graduates.

Foreign national physicians who wish to enter the United States for advanced medical training may do so in programs involving observation, consultation, teaching, or research with or without patient contact incidental to one or more of these activities. USIA may authorize universities and other health science institutions to sponsor foreign national physicians for this purpose. ECFMG is also authorized to sponsor foreign national physicians for this purpose.

However, J-1 (exchange visitor) status physicians who enter the United States in the J-1 visa categories of student, research scholar, or professor, may not, as a matter of course, change their J-1 visa category to alien physician to allow them to engage in graduate medical education or training sponsored by ECFMG. Said physicians must (through ECFMG) present a request for visa category change to USIA for review and decision. The request must demonstrate unusual and extenuating circumstances. Exchange visitors in programs involving observation, consultation, teaching, or research may remain in the United States for a maximum of 3 years with a possible 6-month extension under specific circumstances.

### Temporary Worker H-1B

The H-1B visa is for temporary workers in specialty occupations who hold professional level (Bachelor's degree minimum) appropriate to the employment in which they will be engaged. Between 1976 and 1991, graduates of foreign medical schools were not permitted to use the H-1B for residencies, except in the cases where individuals who were of national or international renown. The Immigration Act of 1990, and subsequent technical amendments, made the H-1B available to graduates of foreign medical schools who have passed FLEX or the equivalent, have passed an English language exam, and hold a license appropriate to the activity. The Secretary of the Department of Health and Human Services has determined that the NBME Parts 1, 2, and 3 or the USMLE Steps 1, 2, and 3 special certifying examination sequence, are equivalent to FLEX for this purpose. The level of licensure required is determined by the state and by the activity. For example, in many states a limited or training license is sufficient for a residency, and would be acceptable for the H-1B.

Due to the FLEX, or equivalent examination, requirement and the requirement in most states that physicians complete a certain amount of US training prior to admission to the third or final portion of the licensure exam, it is likely that only a small number of physicians will qualify for and use the H-1B visa for residencies. The purpose of the J-1 (exchange visitor) visa is to provide foreign nationals with opportunities to participate in educational and cultural programs in the United States. Therefore, many individuals and organizations agree that the J-1 visa is the appropriate visa for the purpose of graduate medical education.

H-1B employment authorization is employer specific, so that the training program must file an H-1B petition on behalf of the international medical graduate. An H-1B visa obtained for a particular program may be used only for that program. The total amount of continuous time permitted in H-1B classification is 6 years; no extensions are permitted. An absence from the United States of 1 year or more restarts the 6-year period.

There are some exceptions and special circumstances. Graduates of LCME-accredited US medical schools are exempt from the FLEX and English language examination requirements. Graduates of LCME-accredited Canadian medical schools are exempt from the English language exam, but not the FLEX exam. Interestingly, full licensure in Canada based on Canadian examinations which is reciprocal to full licensure in a US state, is not equivalent to FLEX for H-1B purposes. The FLEX, or its equivalent, is still required even if these physicians hold full licensure in the state in which training will occur.

### F-1 Student Postcompletion Practical Training

Students in F-1 status may be authorized for up to 12 months of practical training after completion of studies, provided the practical training program can be completed in 12 months. IMGs who receive US medical degrees while in F-1 status may apply to INS for practical training work authorization. If employment authorization is granted, the individual may use that authorization for residency training. The F-1 "designated school official" at the US medical school can usually provide information necessary to make employment eligibility determinations for these graduates. Note that graduation from a US PhD program does not permit practical training in a residency, since the PhD prepares one for research, but not for clinical practice.

### Employment Authorization from the US Immigration and Naturalization Service

INS is empowered to grant employment authorization to certain nonimmigrants or intending immigrants. Such authorization is usually temporary and may have conditions.

A common employment authorization in academic institutions is that given to the J-2 spouse or child of a J-1 exchange visitor. J-2 de-

pendents may apply to INS for work authorization provided it is not to support the principal J-1. When granted, it permits any employment for which the individual is qualified, including residency training. Residency program directors are cautioned that this employment authorization is absolutely dependent upon the J-1 exchange visitor maintaining status. If the J-1 leaves the United States, or fails to maintain status, the J-2 work authorization ends, even though he/she may hold a J-2 employment authorization document which appears to be valid.

Other classifications or circumstances under which the INS may grant work authorization include, but are not limited to, G-4 dependent of a foreign government employee in the United States, temporary protected status, voluntary departure, refugee, asylee, or certain lawful permanent resident applicants. These must be evaluated case by case.

### Lawful Permanent Resident (Immigrant) Status

Persons who hold lawful permanent resident or "green card" status are permitted to remain in the United States permanently, and to accept any employment for which they qualify. For appointment to a residency program, IMGs must meet the requirements described in the *Essentials of Accredited Residencies in Graduate Medical Education* (see Section II).

Foreign-born international medical graduates may immigrate to the United States based on relationship to a US citizen, lawful permanent resident, or employment and skills. In general, the rules for immigration are the same for international medical graduates as for any other immigrant, but special rules apply to physicians who immigrate based on their intention and ability to practice the profession of medicine, including practice at the residency level. Employment-based immigration based on a job offer for the practice of medicine requires that the physician pass the NBME Parts 1 and 2 examinations, or the equivalent as determined by the Secretary of the US Department of Health and Human Services. These are the same examinations needed for ECFMG sponsorship for clinical training and for ECFMG certification described earlier. Certain exceptions apply to physicians who are of national or international renown.

### Information and Inquiries

#### ECFMG Certification and Sponsorship

Educational Commission for Foreign Medical Graduates  
3624 Market St  
Philadelphia, PA 19104-2685  
215 386-5900

#### F-1 Student Practical Training and J-1 Student Academic Training

NAFSA: Association of International Educators  
1875 Connecticut Ave NW/Ste 1000  
Washington, DC 20009-5728  
202 462-4811

#### H-1B, Lawful Permanent Resident Status, and Other Temporary Work Authorization

American Immigration Lawyers Association  
1400 Eye St NW/Ste 1200  
Washington, DC 20005  
202 371-9377

## Fifth Pathway Program

The Fifth Pathway Program, an academic year of supervised clinical education provided by an LCME-accredited medical school, is available to persons who meet all of the following conditions:

- A. Have completed, in an accredited US college or university, undergraduate premedical work of the quality acceptable for matriculation in an accredited US medical school;
- B. Have studied medicine in a medical school located outside the United States, Puerto Rico, and Canada, that is listed in the *World Directory of Medical Schools*, published by the World Health Organization;
- C. Have completed all of the formal requirements of the non-US medical school except internship and/or social service. (Those who have completed all of these requirements, including internship and/or social service, are not eligible for a fifth pathway program.)

Students who have completed the academic curriculum in residence at a non-US medical school, and who meet the above conditions, may be offered the opportunity to substitute for an internship and/or social service required by a non-US medical school, an academic year of supervised clinical training provided in a medical school accredited by the Liaison Committee on Medical Education.

Before beginning the supervised clinical training, students must pass an examination acceptable to the sponsoring medical school.

Physicians who have a Fifth Pathway Certificate and have passed the Foreign Medical Graduate Examination in Medical Sciences (FMGEMS), Parts I and II of the National Board examination or the USMLE, are eligible for appointment to a residency program. They must also meet requirements established by the state medical board in the state where the residency program is located and must be accepted for appointment by the director of the residency program. Any medical school accredited by the LCME can provide Fifth Pathway education. As of the printing of this publication, the two medical schools known to provide such education are New York Medical College in Valhalla, New York, and Mount Sinai School of Medicine in New York City.

## Appointment to Armed Services Graduate Medical Education Programs

Armed Services first-year GME programs are filled by graduates of accredited schools of medicine and osteopathic medicine. The majority of the Armed Services first-year GME positions are filled by individuals with existing active duty service obligations. Graduates of non-US medical schools, other than Canadian, must have a standard ECFMG certificate to be eligible to apply. To be trained in an Armed Services medical treatment facility, an individual must be qualified for appointment as a commissioned officer in the Armed Services. Selection priorities for Armed Services postgraduate year 2 and beyond are given to officers on active duty. Acceptance of applications from civilian applicants may vary among the three services. Interested individuals should contact their local Armed Services recruiting office for further information.

## National Resident Matching Program

The National Intern Matching Program, the forerunner of the National Resident Matching Program (NRMP), began with the 1952 graduating classes of US medical schools. The purpose was to establish a mechanism that would end a chaotic process by which applicants and programs were forced to make commitments before all

options could be considered. In addition, there would be a common time for the announcement of the appointments. Participants in the NRMP agreed to honor the commitment to offer or to accept an appointment if a match resulted.

Today, more than 40 years later, in addition to approximately 15,400 US medical students, another 11,000 "independent" applicants compete for the approximately 23,000 postgraduate training positions offered in the NRMP. Independent applicants include former graduates of US medical schools, and eligible students/graduates of osteopathic, Canadian, and foreign medical schools.

The NRMP is not a centralized application service. Applicants apply directly to the hospital programs that interest them, and hospitals administer their own admission process, including requests for interviews. Programs that participate in the NRMP insist that applicants register with the NRMP. In February, after interviewing has been completed, applicants and programs submit to the NRMP "Rank Order Lists," indicating their choices in order of preference. The majority of participants in the NRMP enter their Rank Order Lists directly into personal computers at designated sites and obtain immediate confirmation of their choices. The Rank Order List Input and Confirmation (ROLIC) system is the software program provided by the NRMP for this purpose.

Both applicants and programs must follow the cardinal rule that neither must ask the other to make a commitment before the submission of Rank Order Lists. It is to be expected that one may express a high level of interest in the other; however, it is not acceptable for one to ask the other how one will be ranked. Any verbal or written contract prior to the submission of the Rank Order Lists should not be expected or made. The final preferences of program directors and applicants as reflected on the submitted Rank Order Lists will determine the offering of positions and the placement of applicants.

The principle upon which the NRMP functions is straightforward. Programs submit lists of applicants who have applied to them in the rank order of their preference. Through matching, programs receive the applicants they prefer who have ranked the program and have not been matched with a more preferred program. Applicants are matched into the programs they prefer on their Rank Order Lists that are prepared to offer them a position, consistent with the preferences of the programs. This matching algorithm replicates the usual selection process in which programs make offers to applicants they prefer and continue to make offers until they have filled all of their positions with applicants who would accept an offer. The advantage of a matching program is that decisions about preferences can be made in private and without pressure.

Traditionally, the general announcement of the Match Results takes place in mid-March. Applicants who fail to obtain a position and programs that do not fill all of their offered positions are informed the day before the general announcement; individual arrangements are subsequently made. The majority of appointments commence on or about July 1.

### Positions Offered Through the NRMP

The positions offered by programs participating in the NRMP are typically those sought by US seniors; that is, positions that provide the first year of postgraduate training (PGY-1). In addition, specialties that start their training at the PGY-2 level offer positions in the NRMP, so that applicants may link their PGY-1 and PGY-2 positions into a cohesive training program where geographic location can be considered.

### Positions Offered

Categorical (C) positions are offered by programs that expect applicants who enter in their first postgraduate year to continue through subsequent years and complete the training required for certification in that specialty (normally 3 to 4 years).

Preliminary (P) positions are offered mainly by internal medicine, surgery, and transitional year programs. These are for only 1 or 2 years of training as prerequisites for entering specialties that require broad clinical training.

Advanced (S) positions (PGY-2 level), which do not commence until a year after the NRMP, are offered by programs in specialties that require preliminary training. Applicants with no prior graduate medical training may apply for these positions and also for preliminary positions that are compatible with their plans.

Resident (R) positions (PGY-2 level), which begin in July of the NRMP year, are offered by some programs for applicants that have already completed their prerequisite GME training. Consequently, these positions are not available to senior medical students.

### Couples and Shared Residency Positions

Applicants who are members of a couple can link their program choices together, so that they can be matched into a combination of programs suited to their needs. In creating pairs of program choices, couples can mix specialties, program types, and geographic locations.

Shared residency positions are offered by some programs. In a shared residency, two residents share one position, usually alternating months on clinical rotations with time off to devote to family, research, or other interests. Obtaining a shared residency position through the NRMP requires that two applicants who have enrolled separately in the NRMP become partners to be matched together in a single position.

### Specialties Matching Services

In addition to the NRMP for first- and second-year residency positions, the NRMP conducts matches for advanced residency or fellowship positions through the Specialties Matching Services. These specialty matches occur throughout the year, and each requires its own registration with NRMP.

The specialty matches are the following: Combined Musculoskeletal Matching Program-participating subspecialties of orthopaedic surgery; colon and rectal surgery; dermatology (PG-2); general vascular surgery; gynecologic oncology; maternal-fetal medicine; Medical Specialties Matching Program-participating subspecialties of internal medicine; ophthalmic plastic and reconstructive surgery; pediatric emergency medicine; pediatric surgery; primary care sports medicine; reproductive surgery; and thoracic surgery.

### Information and Inquiries

The NRMP Board of Directors is comprised of representatives from the: Council of Medical Specialty Societies, American Board of Medical Specialties, American Hospital Association, American Medical Association, and Association of American Medical Colleges. The National Resident Matching Program is managed and operated by the Association of American Medical Colleges. Inquiries regarding the National Resident Matching Program should be directed to

National Resident Matching Program  
2450 N St NW/Ste 201  
Washington, DC 20037-1141  
202 828-0566

# Section II

## Essentials of Accredited Residencies in Graduate Medical Education

### Preface

#### I. Education of Physicians

Medical education in the United States occurs in three major phases.

##### A. Undergraduate Medical Education

Undergraduate medical education is the first or "medical school" phase. The medical school curriculum provides instruction in the sciences that underlie medical practice and in the application of those sciences to health care. Students learn basic information-gathering, decision-making, and patient-management skills in rotations through the various clinical services. Students are granted the MD degree on the successful completion of the medical school curriculum and are eligible to undertake the next phase of medical education.

Accreditation of educational programs leading to the MD degree is the responsibility of the Liaison Committee on Medical Education (LCME).

##### B. Graduate Medical Education

Graduate medical education, the second phase, prepares physicians for practice in a medical specialty. Graduate medical education programs focus on the development of clinical skills and professional competencies. The programs are generally based in hospitals and, in most specialties, utilize both inpatient and ambulatory settings, reflecting the importance of care for adequate numbers of patients in the graduate medical educational experience. Graduate medical education programs, including Transitional Year Programs, are usually called residency training programs, and the physicians training in them, residents.

A resident takes on progressively greater responsibility for patient care throughout the course of a residency, consistent with individual growth in clinical experience, knowledge, and skill. The single most important responsibility of any program of graduate medical education is to provide an organized educational program with guidance and supervision of the resident, thus facilitating the resident's professional and personal development while ensuring safe and appropriate care for patients.

The training of residents relies primarily on learning acquired through the process of their providing patient care under supervision. The quality of the training experience depends on the quality of patient care. Educational quality and patient care quality are interdependent and must be pursued in such a way that they enhance rather than interfere with each other. A proper balance must be maintained so that a program of graduate medical education does not rely on residents to meet patient care needs at the expense of educational objectives.

A resident is prepared to undertake independent medical practice on satisfactory completion of a residency. Residents in a specialty typically also complete training requirements for certification by a specialty board.

The accreditation of graduate medical education programs is the responsibility of the Accreditation Council for Graduate Medical Education (ACGME), the Residency Review Committees (RRCs) for the various specialties, and the Transitional Year Review Committee. Further information on the ACGME and the RRCs is provided below.

##### C. Continuing Medical Education

Continuing medical education (CME), formerly called postgraduate medical education, is the third phase of medical education. This phase continues the specialty education begun in graduate training; it reflects the commitment to life-long learning inherent in all professions.

The Accreditation Council for Continuing Medical Education (ACCME) is responsible for accrediting the providers of CME.

## II. Accreditation of Graduate Medical Education Programs

### A. Accreditation, Certification, and Licensure

In the context of graduate medical education, *accreditation* is the process for determining whether a *training program* conforms to established educational standards. Accreditation represents a professional judgment about the quality of an educational program. Decisions about accreditation are made by the specialty-specific Residency Review Committees (RRCs) or the Transitional Year Review Committee under the general authority of the ACGME.

*Certification*, in contrast, is the process for determining whether an *individual physician* has met established requirements within a particular specialty. This process is conducted by the respective specialty board that is a member of the American Board of Medical Specialties.

*Licensure* is distinct from both accreditation and certification. Licensure is a process of state government through which an individual physician is given permission to practice medicine within a particular state. Medical licenses are granted by the Board of Medical Examiners (or the equivalent) in each licensing jurisdiction (the fifty states, the District of Columbia, Guam, Puerto Rico, and the Virgin Islands).

### B. Accreditation of Residency Programs

Accreditation of residency programs is a voluntary process. By participating in the process, residency programs undergo regular review. The review helps programs in their goals of attaining and maintaining educational excellence. The review also serves to inform the public, specialty boards, residents, and medical students whether specific residency programs are in substantial compliance with the standards that have been established for graduate medical education.

For a program to become accredited, the sponsoring institution must demonstrate a commitment to graduate medical education and compliance with the Institutional Requirements and must assume responsibility for the educational quality of its sponsored program(s). (Further information concerning a "sponsoring institution" is provided below.)

The program must then demonstrate that it is in substantial compliance with the Institutional Requirements as well as with the Program Requirements applicable to residency programs within a particular specialty or to transitional year programs.

The Institutional Requirements, which have been established by the ACGME, apply to all institutions that sponsor programs in graduate medical education. An assessment of whether institutions fulfill these requirements is made during the ACGME Institutional Review and/or in the process of review of their residency programs.

The Program Requirements are developed by each RRC for programs in its specialty and by the Transitional Year Review Committee. The Program Requirements specify essential educational content, instructional activities, responsibilities for patient care and for supervision, and the necessary facilities of accredited programs in a particular specialty. In developing and updating Program Requirements, an RRC obtains comments on the proposed documents from interested parties and agencies. The RRC then decides on the final proposal to be submitted to the ACGME. The Transitional Year Review Committee develops its Program Requirements in a similar way. The ACGME has final authority for approving all Program Requirements.

Accreditation actions taken by the RRCs are based on information submitted by program directors and on the reports of site visi-

tors. Actions of the committees, under the authority of the ACGME, determine the accreditation status of residency programs.

The ACGME is responsible for adjudication of appeals of adverse decisions and has established policies and procedures for such appeals.

Current operating policies and procedures for review, accreditation, and appeal are contained in the *ACGME Manual of Policies and Procedures for Graduate Medical Education Review Committees*. The *Manual* is reviewed annually and is revised as appropriate. (A copy of the *Manual*, as well as copies of the Institutional Requirements and of the Program Requirements, may be obtained from: Office of the Executive Director, Accreditation Council for Graduate Medical Education, 515 N State St/Ste 2000, Chicago, IL 60610).

Information concerning whether a residency program is accredited may be obtained by contacting the Executive Director of the ACGME.

### C. Structure of the Accreditation Council for Graduate Medical Education and of the Residency Review Committees

1. The ACGME is a voluntary association formed by five member organizations. Its member organizations are national professional bodies, each of which has major interests in and involvement with residency training.

The five member organizations of the ACGME are as follows:

- American Board of Medical Specialties
- American Hospital Association
- American Medical Association
- Association of American Medical Colleges
- Council of Medical Specialty Societies

Each member organization selects four representatives to the ACGME. The representatives of the member organizations in turn select two public members. The public members may vote on all ACGME business.

The Resident Physician Section of the American Medical Association, with the advice of other national organizations that represent residents, selects a resident representative to the ACGME. The resident representative has voting privileges.

The Secretary of the US Department of Health and Human Services designates a representative of the federal government to the ACGME. The federal representative does not have a vote.

The Chair of the RRC Council, an advisory body to the ACGME, sits with the representatives of the member organizations and official observers as the representative, without vote, of the RRC Council.

2. There is an RRC for each of the specialties in which certification is offered by a specialty board that is a member of the American Board of Medical Specialties. Each RRC is sponsored by the American Medical Association's Council on Medical Education, by the Board that certifies physicians within that specialty, and, in most cases, by the professional College or other professional association within the specialty.

The Transitional Year Review Committee, which accredits 1 year of graduate medical education consisting of rotations in multiple clinical disciplines, is appointed directly by the ACGME.

The RRCs and their sponsoring organizations are listed in the chart on page 3.

## Residency Review Committee Sponsoring Organizations

Residency Review Committee	Sponsoring Organization	Residency Review Committee	Sponsoring Organization
Allergy and Immunology	American Board of Allergy and Immunology (A Conjoint Board of the American Board of Internal Medicine and the American Board of Pediatrics) AMA Council on Medical Education	Ophthalmology	American Academy of Ophthalmology American Board of Ophthalmology AMA Council on Medical Education
Anesthesiology	American Board of Anesthesiology American Society of Anesthesiologists AMA Council on Medical Education	Orthopaedic Surgery	American Academy of Orthopaedic Surgeons American Board of Orthopaedic Surgery AMA Council on Medical Education
Colon and Rectal Surgery	American Board of Colon and Rectal Surgery American College of Surgeons AMA Council on Medical Education	Otolaryngology	American Board of Otolaryngology American College of Surgeons AMA Council on Medical Education
Dermatology	American Board of Dermatology AMA Council on Medical Education	Pathology	American Board of Pathology AMA Council on Medical Education
Diagnostic Radiology	American Board of Radiology American College of Radiology AMA Council on Medical Education	Pediatrics	American Academy of Pediatrics American Board of Pediatrics AMA Council on Medical Education
Emergency Medicine	American Board of Emergency Medicine American College of Emergency Physicians AMA Council on Medical Education	Physical Medicine and Rehabilitation	American Academy of Physical Medicine and Rehabilitation American Board of Physical Medicine and Rehabilitation AMA Council on Medical Education
Family Practice	American Academy of Family Physicians American Board of Family Practice AMA Council on Medical Education	Plastic Surgery	American Board of Plastic Surgery American College of Surgeons AMA Council on Medical Education
Internal Medicine	American Board of Internal Medicine American College of Physicians AMA Council on Medical Education	Preventive Medicine	American Board of Preventive Medicine AMA Council on Medical Education
Medical Genetics	American Board of Medical Genetics American College of Medical Genetics AMA Council on Medical Education	Psychiatry	American Board of Psychiatry and Neurology American Psychiatric Association AMA Council on Medical Education
Neurological Surgery	American Board of Neurological Surgery American College of Surgeons AMA Council on Medical Education	Radiation Oncology	American Board of Radiology American College of Radiology AMA Council on Medical Education
Neurology	American Academy of Neurology American Board of Psychiatry and Neurology AMA Council on Medical Education	Surgery	American Board of Surgery American College of Surgeons AMA Council on Medical Education
Nuclear Medicine	American Board of Nuclear Medicine AMA Council on Medical Education Society of Nuclear Medicine	Thoracic Surgery	American Board of Thoracic Surgery American College of Surgeons AMA Council on Medical Education
Obstetrics-Gynecology	American Board of Obstetrics and Gynecology American College of Obstetricians and Gynecologists AMA Council on Medical Education	Urology	American Board of Urology American College of Surgeons AMA Council on Medical Education

### III. Glossary of Selected Terms Used in Graduate Medical Education Accreditation

**Institution:** An established formal organization having the primary purpose of providing educational and/or health care services (eg, a university; a medical school; a hospital).

**Sponsoring Institution:** The entity that assumes final responsibility for a program of graduate medical education. Most GME programs are undertaken by specific clinical departments within a hospital or other health care institution; a hospital is usually the "sponsoring institution" for a program.

**Participating Institution:** A unit that provides specific learning experiences within a multi-institutional program of graduate medical education.

**Consortium:** A group of formal health care organizations, established to pursue objectives (eg, graduate medical education) that are beyond the resources of any one member. If a consortium is itself formally established as an ongoing organizational entity with a commitment to graduate medical education, it may serve as a "sponsoring institution" for GME programs.

**Program:** The unit of specialty training, comprising a graded series of learning experiences in graduate medical education, that is evaluated for accreditation.

**Intern:** Historically "intern" was used to designate individuals in the first post-MD year of hospital training; less commonly it designated individuals in the first year of any residency program. Since 1975 the *Graduate Medical Education Directory* and the ACGME have not used the term, instead referring to individuals in their first year of training as residents.

**Resident:** An individual at any level of graduate medical education in a program accredited by the ACGME. Trainees in subspecialty programs are specifically included.

**Fellow:** A term used by some hospitals and in some specialties to designate trainees in subspecialty GME programs. The *Graduate Medical Education Directory* and the ACGME use "resident" to designate all GME trainees in ACGME-accredited programs.

**Must:** A term used to indicate that something is required, compelled, mandatory, or should be done without fail. It connotes an absolute requirement.



*Shall:* A term used with the second or third person to express authority or compulsion. It indicates a fixed requirement.

*Should:* A term used to designate requirements that are so important that their absence must be justified. A program or institution is at risk if it is not in compliance with a "should."

*Essential:* A term that equates with indispensable. It identifies an absolute requirement.

*Desirable:* A term, along with its companion "highly desirable," used to designate aspects of a training program that are not absolutely essential but are considered to be very significant.

## Institutional Requirements

### I. Institutional Organization and Commitment

Institutions that sponsor graduate medical education programs must be appropriately organized for the conduct of such education in a scholarly environment and be committed to excellence in both education and medical care.

#### A. Sponsoring Institution

1. A residency program must operate under the aegis of a sponsoring institution (see definition for sponsoring institution).
2. There must be a written statement of institutional commitment to graduate medical education that is supported by the governing authority, the administration, and the teaching staff.
3. Sponsoring institutions must comply with the Institutional Requirements and must ensure that their ACGME-accredited programs comply with the Program Requirements.
4. An institution's noncompliance with the Institutional Requirements may jeopardize the accreditation of its residency programs.

#### B. Educational Administration

There must be an organized administrative system to oversee all residency programs sponsored by an institution.

1. Institutions must have a Graduate Medical Education Committee that has the responsibility for advising on and monitoring all aspects of residency education. Membership on the Committee should include the directors of general specialty residency programs, faculty, and residents.
2. The Committee must meet regularly; minutes must be kept and be available for inspection by accreditation personnel.
3. The Committee shall advise on and monitor the following:
  - a. Establishment of institutional policies for graduate medical education as detailed in this set of requirements.
  - b. Establishment and maintenance of appropriate liaison with residency directors and with the administrators of other institutions participating in programs sponsored by the institution.
  - c. Regular review of all residency training programs in relation to their compliance with institutional policies and the program requirements of the relevant ACGME review committee.
  - d. Establishment and implementation of policies and procedures for the selection, evaluation, promotion, and dismissal of residents.
  - e. Establishment and implementation of institutional policies and procedures for discipline and the adjudication of complaints and grievances relevant to the graduate medical programs. These policies and procedures must satisfy the requirements of fairness and of due process; they must apply equally to all residents, faculty, and residency programs in the sponsoring and participating institutions.
  - f. Assurance of appropriate and equitable funding for resident positions, including benefits and support services.
  - g. Appropriate working conditions and duty hours of residents.

- h. Regular review of ethical, socioeconomic, medical/legal, and cost-containment issues that affect graduate medical education.

### C. Institutional Agreements

Formal arrangements must be made between a sponsoring institution and any other participating institutions or organizations for the provision of services to the sponsor's graduate medical education programs. Such arrangements must be approved by these sponsoring and participating institutions in written agreements that:

1. Identify a single director for each sponsored program and outline the director's responsibility and authority for program activities in all participating institutions;
2. Identify the teaching staff responsible for the instruction and supervision of residents in each institution;
3. Specify institutional support for the educational goals of each sponsored program;
4. Detail the period of assignment of residents to the segment of a program provided at each institution, together with any criteria of assignment; and
5. Detail each participating institution's financial commitment to the direct support of each program.

### D. Accreditation for Patient Care

Institutions conducting graduate medical education programs should be accredited by the Joint Commission on the Accreditation of Healthcare Organizations (JCAHO) or provide satisfactory explanation of why accreditation has not been either granted or sought.

### E. Quality Assurance

Institutions participating in graduate medical education must conduct formal quality assurance programs and review complications and deaths.

1. Residents must be informed of the institution's organization for, and methods of, providing quality assurance. They should participate in the quality assurance activities of the clinical services to which they are assigned.
2. As part of the educational program, it is important that all deaths be reviewed and that autopsies be performed whenever possible. Autopsies must be performed in sufficient number to provide an adequate educational experience and to enhance the quality of patient care.
3. Institutions participating in graduate medical education must have a medical records system that not only documents the patient's illness, course, and care but is adequate to support the education of residents and quality assurance activities and to provide a resource for appropriate scholarly activity.

### F. Compliance with ACGME Policies and Procedures

Sponsoring institutions must ensure that their ACGME-accredited programs comply with ACGME policies and procedures. Of particular note are those policies and procedures that govern Administrative Withdrawal of Accreditation, an action that is not subject to the usual appeals process:

1. A program may be deemed to have withdrawn from the voluntary ACGME accreditation process, and an RRC may withdraw accreditation, if the program does not comply with:
  - a. Site visit and program review policies and procedures;
  - b. Directives associated with an accreditation action; or
  - c. Requests by the RRC for information.
2. A program that is judged to be delinquent in payment of fees is not eligible for review and will be notified by certified mail, return receipt requested, of the effective date of the withdrawal of accreditation. On that date, the program will be removed from the list of ACGME-accredited programs.

## II. Residents

### A. Resident Eligibility and Selection

The institution must have formal procedures for the recruitment and appointment of residents that comply with the requirements listed below, and it must monitor the compliance of each program with these procedures.

#### 1. Resident Eligibility

Applicants with one of the following qualifications are eligible for appointment to accredited residency programs:

- a. Graduates of medical schools in the United States and Canada accredited by the Liaison Committee on Medical Education (LCME).
- b. Graduates of medical schools in the United States and Canada accredited by the American Osteopathic Association (AOA).
- c. Graduates of medical schools outside the United States and Canada who meet one of the following qualifications:
  1. Have received a currently valid certificate from the Educational Commission for Foreign Medical Graduates or
  2. Have a full and unrestricted license to practice medicine in a US licensing jurisdiction.
- d. US citizen graduates from medical schools outside the United States and Canada who cannot qualify under II.A.1.c, but who have successfully completed the licensure examination in a US jurisdiction in which the law or regulations provide that a full and unrestricted license to practice will be granted without further examination after successful completion of a specified period of graduate medical education.
- e. Graduates of medical schools in the United States and its territories not accredited by the LCME but recognized by the educational and licensure authorities in a medical licensing jurisdiction who have completed the procedures described in paragraph II.A.1.d.
- f. Graduates of medical schools outside the United States who have completed a Fifth Pathway<sup>1</sup> program provided by an LCME-accredited medical school.

#### 2. Resident Selection

- a. Programs should select from among eligible applicants on the basis of their preparedness and ability to benefit from the program to which they are appointed. Aptitude, academic credentials, personal characteristics, and ability to communicate should be considered in the selection.
- b. In selecting from among qualified applicants for first-year positions, institutions and all of their sponsored programs should participate in the National Resident Matching Program (NRMP). Certain programs sponsored by the federal uniformed services may be exempt.

#### 3. Enrollment of Noneligibles

The enrollment of noneligible residents may be a cause for withdrawal of accreditation of the involved program.

1. A Fifth Pathway program is an academic year of supervised clinical education provided by an LCME-accredited medical school to students who meet the following conditions: (1) have completed, in an accredited college or university in the United States, undergraduate premedical education of the quality acceptable for matriculation in an accredited US medical school; (2) have studied at a medical school outside the United States and Canada but listed in the World Health Organization Directory of Medical Schools; (3) have completed all of the formal requirements of the foreign medical school except internship and/or social service; (4) have attained a score satisfactory to the sponsoring medical school on a screening examination; and (5) have passed the Foreign Medical Graduate Examination in the Medical Sciences, Parts I and II of the examination of the National Board of Medical Examiners or Steps 1 and 2 of the United States Medical Licensing Examination (USMLE).

### B. Resident Participation in Educational Activities

Institutions must provide residents with an opportunity to:

1. Develop a personal program of self-study and professional growth with guidance from the teaching staff.
2. Participate in safe, effective, and compassionate patient care, under supervision, commensurate with their level of advancement and responsibility.
3. Participate fully in the educational and scholarly activities of their program and, as required, assume responsibility for teaching and supervising other residents and students.
4. Participate in institutional programs and activities involving the medical staff and adhere to established practices, procedures, and policies of the institution.
5. Participate in institutional committees and councils, especially those that relate to patient care review activities.
6. Participate in evaluation of the quality of education provided by the program.
7. Develop an understanding of ethical, socioeconomic, and medical/legal issues that affect graduate medical education and of how to apply cost containment measures in the provision of patient care.

### C. Provision of Resident Financial Support and Benefits

Sponsoring and participating institutions should provide residents with appropriate financial support and benefits.

1. Financial support of residents is necessary to ensure that residents are able to fulfill the responsibilities of their educational programs.
2. All residents at similar levels of experience and training in all of an institution's programs should receive a comparable level of financial support. Exceptions must be justified to the institution's Graduate Medical Education Committee.
3. Candidates for residencies must be fully informed of benefits, including financial support, vacations, professional leave, parental leave, sick leave, professional liability insurance, hospital and health insurance, disability insurance, and other insurance benefits for the residents and their family, and the conditions under which living quarters, meals, and laundry or their equivalent are to be provided.
4. Liability Insurance: Residents in graduate medical education must be provided with professional liability coverage for the duration of training, and such coverage must provide legal defense and protection against awards from claims reported or filed after the completion of graduate medical education if the alleged acts or omissions of the residents are within the scope of the education program. The coverage to be provided should be consistent with the institution's coverage for other medical/professional practitioners. Each institution must provide current residents and applicants for residency with the details of the institution's professional liability coverage for residents.
5. Institutions sponsoring graduate medical education must provide access to insurance, where available, to all residents for disabilities resulting from activities that are part of the educational program.
6. There must be a written institutional policy on leave (with or without pay) for residents that complies with federal and state laws. The institution must provide residents with a written statement of policy concerning the effect of leaves of absence, for any reason, on satisfying the criteria for completion of a residency program.

### D. Resident Supervision and Working Environment

Institutions must ensure that their residency training programs provide appropriate supervision for all residents as well as a working

environment and duty hour schedule that are consistent with proper patient care and the educational needs of residents.

1. Residents must be supervised by teaching staff in such a way that the residents assume progressively increasing responsibility for patient care according to their level of training, their ability, and their experience. On-call schedules for teaching staff must be structured to ensure that supervision is readily available to residents on duty. The level of responsibility accorded to each resident must be determined by the teaching staff.
2. Each residency program must establish formal policies governing resident duty hours and working environment that are optimal for both resident education and the care of patients.
  - a. Program requirements relating to duty hours and on-call schedules shall be based on an educational rationale and patient need, including continuity of care.
  - b. The educational goals of the program and learning objectives of residents must not be compromised by excessive reliance on residents to fulfill institutional service obligations. Duty hours, however, must reflect the fact that responsibilities for continuing patient care are not automatically discharged at specific times. Programs must ensure that residents are provided backup support when patient care responsibilities are especially difficult or prolonged.
  - c. Resident duty hours and on-call schedules must not be excessive. The structuring of duty hours and on-call schedules must focus on the needs of the patient, continuity of care, and the educational needs of the resident. Duty hours must be consistent with the Institutional and Program Requirements that apply to each program. Detailed structuring of resident service is an integral part of the approval process, and therefore close adherence to the Institutional and Program Requirements is essential to program accreditation.

#### E. Ancillary Support

Sponsoring institutions must provide services and develop systems to minimize the work of residents that is extraneous to their educational programs, ensuring that the following conditions are met:

1. Residents on duty in the hospital must be provided adequate sleeping quarters and food services.
2. Patient support services, such as intravenous services, phlebotomy services, and laboratory services, as well as messenger and transporter services, must be provided in a manner appropriate to and consistent with educational objectives, patient care, and cost effectiveness.
3. An effective laboratory, medical records, and radiologic information retrieval system must be in place to provide for high-quality patient care in a timely manner.
4. Security measures must be provided to residents in all locations including but not limited to parking facilities, on-call quarters, hospital and institutional grounds, and departments.

#### F. Conditions of Resident Employment

Sponsoring institutions must provide residents a written agreement or contract outlining the terms and conditions of their appointment to an educational program and must monitor the implementation of these terms and conditions by the program directors.

The agreement should specify the

1. resident's responsibilities,
2. financial support and benefits to be provided,
3. duration of appointment and conditions for reappointment,
4. policies regarding professional activities outside the educational program,
5. procedures for discipline and redress of grievances, and

6. policies and procedures whereby complaints of sexual harassment and exploitation may be addressed in a manner consistent with the law and due process.

#### G. Counseling and Support Services

Graduate medical education places increasing responsibilities on residents and requires sustained intellectual and physical effort. Therefore, institutions should facilitate resident access to appropriate and confidential counseling and psychological support services.

Institutions should have a written policy and an educational program regarding physician impairment, including substance abuse.

*ACGME: February 1992 Effective: July 1995*

## Program Requirements for Residency Education in Allergy and Immunology

### I. Introduction

Graduate medical education in allergy and immunology should be designed to train specialists in the delivery of skilled medical care of patients suffering from allergic, asthmatic, and immunologic diseases. This education should take place in an optimal educational environment under adequate supervision. A graduate program in allergy and immunology must offer 2 years of full-time education and must demonstrate compliance with these requirements. The provisions of the Institutional Requirements must also be met. Candidates for positions in these programs should have successfully completed a program in Internal Medicine or Pediatrics that is accredited by the Accreditation Council for Graduate Medical Education.

### II. Scope of Education

#### A. General

Certain basic requirements must be met by all programs. Since this specialty involves an increasingly wide variety of clinical problems, programs emphasizing different disciplines may be acceptable. All programs, regardless of their special interests, must include a core curriculum in allergy and immunology.

#### B. Cross-training in Pediatrics and Internal Medicine

Residents must receive education in both pediatric and adult allergy and immunology. This requirement is based on the recognition that specialists in allergy and immunology, regardless of their primary specialty, are called on to diagnose and treat individuals of all ages. It is required that in institutions where separate programs exist, at least 6 months of cross-training be provided with exposure to both inpatients and outpatients. The minimal requirement for outpatient cross-training is weekly attendance, 1 day per week for a period totaling 6 months, at an ambulatory care clinic or equivalent. If block-time rotations are employed to satisfy this requirement, a longitudinal follow-up clinic should be incorporated as well. Residents must be involved in inpatient consultation initially and through follow-up as an educational experience in the crossover specialty.

#### C. Duration of Clinical Education

It is required that at least 25% of the resident's time in a 2-year training program be devoted to clinical education.

#### D. Patient Population

The program should provide an adequate number of patients in the pediatric and adult age groups to provide education in the varying manifestations of allergic and immunologic diseases and asthma in the different age groups. The residents should be under the supervision of faculty and should have ample opportunity to observe interactions between attending faculty and patients. Patients worked up and followed by the residents should be reviewed by the attendings, with adequate time for discussion and constructive criticism. The residency experience must occur in an environment that fosters progressive experience and allows each resident to develop diagnostic impressions, consult appropriate literature and other source material, develop plans for diagnostic studies, recommend therapeutic approaches, and perform therapeutic procedures, all under the practiced supervision of attendings.

It is the responsibility of the program director to ensure enforcement of reasonable policies with respect to work hours. Those services requiring in-hospital on-call periods should be no more than 80 hours per week in hospital duties when averaged over 4 weeks. Residents should have, on the average, the opportunity to spend at least 1 full day out of 7 free of hospital duties and should be on call in the hospital no more often than every third night. Physicians must have personal responsibility for continuing patient care and must recognize that their obligation to patients is not automatically discharged at any given hour of the day or any particular day of the week. In no case should residents go off duty until the proper care and welfare of the patients have been ensured.

There should be adequate backup if sudden and unexpected needs create resident fatigue sufficient to jeopardize patient care during or following on-call periods. Schedules must be structured to ensure that consultation is readily available to residents. Adequate on-call rooms to provide rest and privacy must be available for each resident when assigned night duty in the hospital.

#### E. Graded Responsibility

The educational atmosphere should encourage creative independence and progressively increasing responsibility. As residents progress through their training, they should be encouraged to teach their junior residents, residents in internal medicine and pediatrics, medical students, nurses, and allied health personnel.

#### F. Resident Research

It is essential that each program contain an active research program in allergy and immunology. Residents are required to conduct clinical or basic research under the supervision of an experienced investigator. It is required that at least 25% of the resident's time in a 2-year program be devoted to research.

### III. Educational Program

The program director and faculty must prepare and comply with written educational goals for the program.

#### A. Program Design

All educational components of a residency program should be related to program goals.

1. The program design must be approved by the Residency Review Committee (RRC) as part of the regular review process.
2. Participation by any institution providing more than 3 months of education must be approved by the RRC.

#### B. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

#### C. Program Content

The emphasis in the educational program must be placed on a core curriculum of allergic, immunologic, and related diseases and all forms of asthma. All residents must be thoroughly grounded in these disorders and must be trained to apply immunologic theories, principles, and techniques to the investigation, diagnosis, and treatment of a broad spectrum of immunologic diseases. The required education in the clinical program may involve supervised patient care; rotations through cooperating services; attendance at conferences, lectures, demonstrations, or seminars; reading; and preparation and responsibilities for teaching assignments.

##### 1. Clinical Program

A primary patient base for the specialty should include patients with rhinitis; asthma and reactive airway diseases; urticaria; angioedema; anaphylactic and anaphylactoid reactions; atopic and contact dermatitis; stinging insect hypersensitivity; drug reactions; and hypersensitivity diseases of the lung, gastrointestinal tract, and other organs. Residents should become familiar with common and rare manifestations and methods of evaluation and diagnosis, as well as the etiology and immunopathogenesis, differential diagnosis, therapy, and complications of these disorders. Training in aerobiology and in the dermatologic, gastroenterologic, ophthalmologic, otorhinolaryngologic, psychiatric, and radiologic aspects of allergic and immunologic diseases should be part of the program. It is also expected that training will include acute, emergent care of inpatient and outpatient allergic, asthmatic, and immunologic disorders. The following outline summarizes the scope of knowledge and/or skills that must be included in the educational program

##### a. Hypersensitivity diseases

1. Proper history and physical examination, with particular emphasis on the examination of the ears, nose, throat, skin, and lungs
2. The performance and evaluation of epicutaneous, intracutaneous, and patch skin tests
3. Pulmonary physiology and the performance and interpretation of pulmonary function tests
4. The performance and interpretation of oral, nasal, and bronchial provocation tests
5. Knowledge of mediator release and function
6. The performance and interpretation of in vitro methods used to measure total and specific IgE
7. Pharmacology of agents used in the routine and/or emergency treatment of asthmatic, allergic, immunologic, and related disorders
8. Preparation and standardization of allergenic extracts and the principles and practice of their use in diagnostic tests and immunotherapy
9. Knowledge of aerobiology of inhaled allergens
10. Identification and environmental control of antigen and irritant exposures at home and in the work place

##### b. Primary and secondary immunodeficiency states

The educational program must provide opportunities for the resident to develop knowledge of the inherited and acquired immunodeficiency diseases and diseases in which host defense mechanisms are abnormal. The resident must be familiar with the etiology, immunopathophysiology, and methods to diagnose and treat these diseases.

The following outline summarizes the scope of knowledge and/or skills that should be included in the program:

##### 1. Collagen vascular diseases

The educational content should include training in collagen vascular diseases and other systemic disorders in which im-

munologic mechanisms are presumed to have an etiologic or contributory role.

2. Transplantation immunology

The trainee should be knowledgeable about the immunogenetics of the major histocompatibility system, the immunologic principles of transplantation and rejection, and graft versus host reactions.

3. Malignancies affecting the immune system

The trainee should be familiar with the pathogenesis, diagnosis, and treatment of malignancies that affect immune function.

4. Immunomodulation

Some experience and knowledge of specific and nonspecific immunomodulating agents are desirable.

5. Immunologic aspects of other diseases

The resident's training should be sufficient to ensure knowledge of the immunologic aspects of all organ systems and diseases.

2. Laboratory Program

The educational content in applied immunology must include knowledge of the principles, techniques, and interpretation of clinical immunology laboratory procedures, including the following:

a. Humoral immunity

Measurement of immunoglobulin levels, immunoglobulin classes and subclasses, specific antibody determinations, protein electrophoresis and immunoelectrophoresis

b. Cellular immunity and host defense

1. Performance of skin tests involving cell-mediated responses
2. Evaluation of anergy
3. Assays of neutrophil chemotaxis, phagocytosis, and killing
4. Identification and enumeration of T cells and their subsets, B and null cells, measurement of the responses of these cells to mitogens and antigens
5. Performance of assays for lymphokines
6. Assessment of direct and antibody-mediated cellular cytotoxicity

c. Detection and analysis of immune complexes and cryoprecipitate proteins

d. Determination of total serum complement and components of the classical and alternative pathways

e. Histocompatibility testing

f. Preparation and use of monoclonal antibodies

g. Serologic or cellular markers of autoimmune, allergic, or other immune disorders

h. Other tests of immune response as they develop and gain clinical relevance

**D. Research Program**

A critical aspect of the educational program is its research environment, which provides for development of a questioning attitude and the opportunity to develop research protocols and to learn to analyze research critically. There must be evidence of a commitment to research and investigation in allergy and clinical immunology and ongoing active research by the faculty with investigation into clinical and basic aspects of various related problems. Residents must take part in research programs that occupy 25% of their time during a 2-year period. Ideally, residents should help design, conduct, evaluate, and prepare for publication a clinical or laboratory research project in the area of allergy and clinical immunology. The completion of a research project during the program is strongly encouraged. Residents should be able to communicate their knowledge to others both orally and in written form; to conduct lectures, seminars, and clinical conferences; and to prepare written reports

of their research activities, either for faculty review or for publication.

**IV. Program Personnel**

The program director and the faculty are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

**A. Program Director**

The program director is responsible for the residency program and should be highly competent as a scientist, clinician, and teacher in the specialty of allergy and immunology. The director must possess leadership qualities and maintain close contact with the residents, contributing sufficient time to the training program to ensure adequate leadership. The program director, or qualified designee, must be available to provide advice and instruction on a continuous basis. There must be a single program director responsible for the program.

1. Qualifications of the program director include:

- a. Requisite and documented clinical, educational, and administrative abilities and experience.
- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- c. Certification by the American Board of Allergy and Immunology or suitable equivalent qualifications.
- d. Appointment in good standing to the medical staff of an institution participating in the program.

2. Responsibilities of the program director include:

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of education and for each major rotation or other program assignment. This statement must be distributed to residents and members of the faculty. It should be readily available for review.
- b. Selection of allergy and immunology residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the faculty and other program personnel at each institution participating in the program.
- d. Supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the faculty. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
- f. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- g. Monitoring residents' stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and faculty should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- h. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
- i. The Executive Secretary of the RRC for Allergy and Immunology should be notified promptly of changes in faculty in the pro-

gram. This information should also be provided on the annual questionnaire that is distributed by the RRC.

### B. Faculty

1. A sufficient number of faculty must be incorporated into the program to ensure proper teaching and supervision in the many disciplines of the field. The faculty must include qualified allergists trained in internal medicine and qualified allergists trained in pediatrics, as well as faculty whose major interests are in basic and clinical aspects of immunology. One mechanism to satisfy this requirement would be to incorporate a number of faculty from both basic and clinical science departments who are able to provide expert training in each of the disciplines. All faculty must demonstrate commitment to the program and possess those special competencies in teaching and research needed to provide a broad educational experience. Program directors and faculty are strongly encouraged to take the recertification examination of the ABAI periodically.
2. All members of the faculty must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the faculty of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical and clerical personnel needed to support the administration and educational conduct of the program.

### D. Scholarly Activities

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the faculty. While not all members of a faculty must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the faculty in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.

5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.
7. Participating in their own continuing medical education. A faculty that does not exhibit such characteristics will be cause for grave concern as to its adequacy and suitability for conducting a program of graduate education in allergy and clinical immunology.

## V. Institutional Resources

### A. Sponsoring Institution

Allergy and immunology programs should be conducted in sponsoring institutions with accredited graduate medical education programs in pediatrics and internal medicine. The sponsoring institution must ensure financial, technical, and moral support and the facilities for the establishment and maintenance of an accredited residency in allergy and immunology.

### B. Participating Institutions

Affiliations with other institutions may be necessary to ensure graduate education in the broad fields of both pediatric and adult allergy and immunology. When the resources of two or more institutions are utilized for the clinical or basic science education, letters of agreement must be approved by the institutional governing boards. Affiliations should be avoided with institutions that (1) are at such a distance from the sponsoring institution as to make attendance at rounds and conferences difficult and (2) do not add to the educational value of the program.

### C. Other Facilities

1. Adequate facilities and equipment for the diagnosis and treatment of allergic and immunologic disorders must be conveniently available.
2. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
3. Library services should include the electronic retrieval of information from medical databases.
4. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VI. Evaluation

### A. Resident Evaluation

The program director, with participation of members of the faculty, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
5. Provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

## B. Program Evaluation

1. There should be provision for evaluation of the program by the faculty and residents.
2. A review of graduate performance on the written examination of the American Board of Allergy and Immunology will be employed by the RRC as one measure of the quality of a training program.

## VII. Certification

Residents who plan to seek certification by the American Board of Allergy and Immunology should communicate with the executive secretary of the board as listed in the Graduate Medical Education Directory to ascertain the full requirements for certification.

ACGME: June 1991 Effective: July 1995

# Program Requirements for Residency Education in Clinical and Laboratory Immunology

## I. Introduction

### A. Scope and Duration of Education

A graduate medical education program in clinical and laboratory immunology (CLI) must be designed to train individuals to become fully versed in all aspects of the direction of a clinical immunology laboratory. These programs must be 1 year in duration.

### B. Sponsoring and Participating Institutions

The CLI program must be conducted in institutions with accredited graduate medical education programs in allergy and immunology or in the various relevant subspecialties of internal medicine and pediatrics.

Affiliations with other institutions and existing laboratories may be necessary to ensure a full educational experience in CLI. When the resources of two or more institutions are utilized, letters of agreement must be approved by the institutional governing boards. Affiliations should be avoided with institutions that are at such a distance from the parent institution as to make attendance at rounds and conferences difficult and/or that do not add to the educational value of the program.

### C. Trainees

Candidates for these programs should have successfully completed an accredited residency program in internal medicine or pediatrics and should have additional training in an immunologically related subspecialty.

The number of trainees should not exceed the educational resources available in the program. It is desirable that each program have at least one trainee at all times to keep the educational process current.

Residents must have a keen sense of personal responsibility for continuing patient care and must recognize that their obligation to patients is not automatically discharged at any given hour of the day or any particular day of the week. In no case should residents go off duty until the proper care and welfare of the patients have been ensured. When averaged over 4 weeks, residents should spend no more than 80 hours per week in hospital duties; should have, on the average, the opportunity to spend at least 1 full day out of 7 free of hospital duties; and should be on call no more often than every third night. It is the responsibility of the program director to ensure enforcement of reasonable policies with respect to work hours.

## D. Objectives

A CLI training program must provide a structured educational experience that allows the trainee to become proficient in the basic science, laboratory procedures, and technical management underlying the operation of the clinical immunology laboratory. In addition, the program must provide an appropriate clinical background that will prepare the trainee to act as a consultant in the application and interpretation of diagnostic immunology tests. The program director and faculty must prepare and comply with written educational goals for the program.

### 1. Program Design

All educational components of the program should be related to program goals.

- a. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
- b. Participation by any institution providing more than 2 months of education must be approved by the RRC.

### 2. Program Evaluation

The educational effectiveness of a program and faculty must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## II. Personnel

### A. Program Director

The program director and faculty are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

There must be a single program director responsible for the program.

#### 1. Qualifications of the program director include:

- a. Competence as a scientist, clinician, and teacher in the field of CLI. The director must possess leadership qualities and have the authority to organize the program. This individual must maintain close contact with the program participant(s), contributing sufficient time to ensure adequate teaching and guidance. The director, or a qualified designee, must be available to provide advice and instruction to the trainee(s) on a day-to-day basis.
- b. Certification by the American Board of Allergy and Immunology or by a board in an immunologically related subspecialty of internal medicine or pediatrics or possession of suitable equivalent qualifications. In addition, the director should have a certificate in CLI or must demonstrate suitable equivalent qualifications.
- c. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- d. Appointment in good standing to the medical staff of an institution participating in the program.

#### 2. Responsibilities of the program director include:

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.

- c. Selection and supervision of the faculty and other program personnel at each institution participating in the program.
- d. Supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
- f. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- g. Monitoring residents' stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- h. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Faculty

1. There must be a sufficient number of faculty with documented qualifications to instruct and supervise adequately all the residents in the program. The faculty must possess special competencies in the laboratory procedures currently used in clinical immunology and be able to provide the broad educational experience necessary for the interpretation of laboratory results. Members of the faculty must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the faculty must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the faculty of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the faculty, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### III. Institutional Resources

#### A. Facilities

The CLI program must be supported by an adequate administrative and technical staff and have appropriate laboratory space available. In most instances this means the presence of an ongoing and operational diagnostic immunology laboratory in which a wide variety of

immunologic tests are being performed on a routine basis employing state-of-the-art equipment. The laboratory should employ modern record-keeping procedures to ensure timely return of laboratory results and adequate storage of data.

#### B. Clinical Resources

The program should be in a setting in which there are sufficient clinical resources to ensure a large enough pool of patients to contain the full spectrum of immunologic disorders, and these patients should be available to the trainees for teaching purposes.

#### C. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### IV. Educational Program

#### A. Curriculum

1. The educational goals must be defined in appropriate documents and must be available to prospective and current trainees as well as to all faculty members involved in the program. Such goals must be defined not only for broad objectives but also for individual rotations, both inside and outside the main teaching laboratory. These goals must address the question of graded responsibility within the program, methods of trainee evaluation, and means of involving trainees in diagnostic immunology consultation.
2. The curriculum should include a combination of practical and didactic training that addresses a number of different areas of CLI. The core areas forming a central part of every CLI program must involve training in the theoretical and practical aspects of quantifying immunoglobulins, immunoserologic testing, detection of autoantibodies, immunofluorescent and immunoperoxidase techniques, the study of lymphocyte phenotypes and functions, the use of monoclonal antibodies, ELISA (enzyme-linked immunosorbent assay) and radioimmunoassay techniques, and the use of serologic methods for the detection of HIV (human immunodeficiency virus) infections.
3. In addition, there must be training in assays of immune complexes and the procedures for the measurement of complement components. These core areas should be supplemented by several additional important areas, which may be covered by organized conferences. These include training in methods of in vitro allergy testing, molecular genetic techniques as applied to immunologic diagnosis, immunohematology, procedures for the rapid diagnosis of infectious diseases, evaluation of phagocyte functions, histocompatibility testing, and the detection and quantification of tumor antigens. The trainee must gain experience in the proper selection of laboratory procedures for the most efficient evaluation of immunologic disease.
4. Such education should include discussion of controversial immunodiagnostic techniques so that the resident will be able to make a rational determination regarding the scientific merit of such tests. In addition, the program must include education in the principles of quality control, laboratory management, and interaction with regulatory agencies.



## B. Seminars and Conferences

Trainees must attend seminars and conferences that are conducted on a regular basis and that must be of adequate quantity and quality to ensure an interchange of teaching within the various disciplines of clinical immunology. These conferences must include discussions of basic immunology; allergy; immunodeficiency disorders; and the immunologic aspects of rheumatology, pulmonology, gastroenterology, nephrology, hematology-oncology, endocrinology, cardiology, neurology, and infectious diseases.

## C. Teaching Rounds/Clinical and Basic Science/Didactic Teaching

Trainees in CLI should attend appropriate clinical rounds and other didactic teaching sessions outside the CLI program itself. In addition, they should have access to prepared teaching materials on clinical and basic immunology.

## D. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the faculty. While not all members of a faculty must be investigators, the faculty as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the faculty in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

## V. Evaluation

### A. Resident Evaluation

The program director, with participation of members of the faculty, shall:

1. Semiannually evaluate the knowledge, skills, and professional growth of the resident, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance resident to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
5. Provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

## B. Program Evaluation

1. There should be formal provision for evaluation of the educational program by the faculty and residents.
2. Review of performances of past trainees on the written examination of CLI will be employed by the RRC as one measure of the quality of the program.

## C. Miscellaneous

Programs are required to notify the committee of major programmatic change, ie, change in program director, addition or deletion of participating institutions, and changes in numbers of trainees. The committee retains the prerogative to assess the impact of such change(s) upon the quality of the education offered to the trainees.

## VI. Certification

Residents who plan to seek certification by the American Board of Allergy and Immunology in Clinical Laboratory Immunology should communicate with the executive secretary of the board to ascertain the full requirements.

*ACGME: February 1990 Effective: July 1995*

# Program Requirements for Residency Education in Anesthesiology

## I. Objectives

Anesthesiology is a discipline within the practice of medicine specializing in the medical management of patients who are rendered unconscious or insensible to pain and emotional stress during surgical, obstetrical, and certain other medical procedures. Anesthesiology involves the preoperative, intraoperative, and postoperative evaluation and treatment of these patients, including specialized care in (a) pain management, (b) cardiopulmonary resuscitation, (c) respiratory care problems, and (d) management of critically ill and/or injured patients in special care units. Subspecialty training within the discipline plus investigative efforts has proven to be vital to the progress of the specialty.

An accredited program in anesthesiology provides education, training, and experience in an atmosphere of mutual respect between instructor and resident so that residents will be stimulated and prepared to apply acquired knowledge and talents independently. Varying pathways lead to the development of a consultant anesthesiologist, and the following requirements represent the minimum standards for its accomplishment.

## II. General Considerations for an Accredited Program

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Anesthesiology as part of the regular review process.

Participation by any institution providing more than 6 months of training must be approved by the RRC.

When a new director, either permanent or acting, has been appointed, the RRC must be notified immediately. The RRC will initiate an inspection of the program in conjunction with this change when it deems it necessary to ensure continuing quality. Where didactic programs of several anesthesiology residencies are com-

bined, the staff of each accredited program must actively and consistently participate in the combined effort and be capable of providing an adequate program if reviewed individually.

The RRC for Anesthesiology and the Accreditation Council for Graduate Medical Education (ACGME) accredit programs only in those institutions that possess the educational resources to provide three years of clinical anesthesia. At the present time, capability to provide the clinical base year within the same institution is desirable, but not required for accreditation.

### III. Clinical Base Year

A minimum of 4 years of graduate medical education is necessary to train a physician contemplating specialization in this field. Three years of this training must be in clinical anesthesia. One year of the total training must be the clinical base year, which should provide the resident with 12 months of clinical education in medical disciplines other than that directly associated with the administration of anesthesia. The clinical base year is usually the first year of graduate medical education. If an accredited anesthesiology program offers this year, the RRC will verify that the content is acceptable, ie, training in internal medicine, pediatrics, surgery or a surgical specialty, obstetrics and gynecology, neurology, family practice, or any combination of these approved for the individual resident by the anesthesiology program director.

### IV. Clinical Anesthesia (CA 1-3)

- A. These 3 years, usually the second through the fourth years of graduate medical education, consist of training in basic anesthesia, subspecialty anesthesia, and advanced anesthesia. The graded curriculum increases in difficulty and progressively challenges the resident's intellect and technical skills. No more than 6 months during the first 2 clinical anesthesia years and a maximum of 12 months during the 3 years of clinical anesthesia may be spent outside the parent program in affiliated institutions.<sup>1</sup>
- B. Experience in basic anesthesia training must emphasize the fundamental aspects of anesthesia. At least 12 months of the CA-1 and CA-2 years should be spent in basic anesthesia training with the majority of this time occurring during the CA-1 year. Basic anesthesia training should be planned in a graded fashion. Early months will generally be devoted to the care of patients who are easily managed and who undergo relatively uncomplicated surgical procedures. As residents progress through the program they should have the opportunity to learn to plan and to administer anesthesia care for patients with more severe and complicating diseases, as well as for those who undergo more complex surgical procedures.
- C. Subspecialty anesthesia training experience emphasizes the theoretical background, subject material, and practice of subspecialties of anesthesiology. These include obstetric anesthesia, pediatric anesthesia, cardiovascular anesthesia, neuroanesthesia, recovery room care, anesthesia for outpatient surgery, regional anesthesia, pain management, and critical care. These experiences should be organized into subspecialty rotations and should occupy a minimum of 7 months of the CA-1 and CA-2

1. An affiliation may be said to exist where there is a formal agreement between an accredited program and another institution to make facilities, clinical experience, supervision, and teaching sessions available to residents of the program who will rotate through the affiliated hospital. Rotations to affiliates are restricted, as noted above.

An integrated relationship is one in which the program director (a) appoints the members of the teaching staff and makes recommendations for the appointment of the chief of service at the integrated institution, (b) determines all rotations and assignments at the integrated institution, and (c) is responsible for the overall conduct of the educational program in the integrated institution. The amount of time spent in integrated institutions is not restricted.

years. The program director may determine the sequencing of these rotations. Teaching shall be provided by faculty with interests and expertise in the subspecialty involved.

An acceptable critical care rotation must include active participation in patient care by anesthesia residents, active involvement by faculty experienced in the practice and teaching of critical care, and an appropriate population of critically ill patients that includes a substantial number with multisystem disease whose care requires invasive monitoring or mechanical ventilation. This training should take place in units in which the majority of such patients require continuity of intensive care for longer than 1 or 2 days. Training may occur in one or more units that house a population of patients as described above. Experience in routine, short-term, or overnight postanesthesia units or intermediate step-down units or emergency rooms does not fulfill this recommendation.

- D. The CA-3 year constitutes experience in advanced anesthesia training. The program must have the resources and an organized plan to provide the advanced clinical track, subspecialty clinical track, and clinical scientist track. The program director, in collaboration with the resident, will select one of the three tracks. Regardless of the track selected, resident assignments in the CA-3 year should include difficult or complex anesthesia procedures and the care of seriously ill patients. These tracks must not prevent residents in the CA 1-2 years from gaining proper exposure to the subspecialty areas or their principles of practice.

The advanced clinical track must provide a minimum of 6 months of experience in advanced and complex clinical anesthesia assignments. The remaining 6 months may be in one to three selected subspecialty rotations, or, alternatively, additional complex clinical anesthesia assignments may be offered.

The Subspecialty Clinical Track must allow the following options: 9 to 12 months' experience in one subspecialty rotation, along with up to 3 months of advanced experience in complex anesthesia assignments may be offered. Alternatively, 6 months' experience in each of two subspecialty rotations may be offered. Such rotations may include some time assigned to medical or surgical activities directly related to the anesthetic subspecialty.

The clinical scientist track must offer 6 months of experience in advanced and complex clinical anesthesia assignments or, alternatively, in one selected anesthesia subspecialty rotation. The remaining 6 months will be devoted to laboratory or clinical investigation.

### V. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program. The department chair must be the program director. The program director shall be certified by the American Board of Anesthesiology or have equivalent qualifications, and must possess faculty experience, leadership, organizational and administrative qualifications, and the ability to function effectively within an institutional governance. The program director also must be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)

Responsibilities of the program director include:

1. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be

distributed to residents and members of the teaching staff. It should be readily available for review.

2. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
3. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
4. Supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
5. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
6. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### **B. Other Teaching Staff**

It is critical to an effective program that the faculty demonstrate dedication to the motivation, instruction, education, and evaluation of residents; support of the goals and objectives of the program; a commitment to their own continuing medical education; and participation in scholarly activities. The faculty must include instructors with varying interests, capabilities, and backgrounds. The faculty should include individuals who have specialized training in a significant majority of recognized subspecialties. It is also desirable to have faculty with special expertise and knowledge in computer science and biophysics. Participation in a spectrum of professional activities within the institution and beyond, in local, national, and international associations, must also be evident. An education committee, a clinical competence committee, a resident selection committee, and procedures for quality assurance and peer review must be included in the organization of the program.

The number of faculty must be sufficient to provide each resident with adequate supervision that shall not vary substantially with the time of day or day of the week. The number of residents in any program must not exceed twice the number of faculty in the parent and integrated institutions. In the clinical setting, faculty members should not direct anesthesia for more than two operating rooms simultaneously. Teaching of medical students and junior residents represents a valid learning experience. However, the use of a resident as an instructor of junior residents must not substitute for experienced faculty. Clinical instruction of residents by nonphysician personnel is considered inappropriate, as is excessive supervision of such personnel by resident staff.

A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

#### **C. Other Program Personnel**

Programs must be provided with additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

The integration of nonphysician personnel in a department with an accredited program in anesthesiology will not influence the accreditation of such a program unless evidence arises that such personnel interfere with the training of resident physicians. Interference may result from dilution of faculty effort, dilution of the available teaching experience, or downgrading of didactic material.

### **VI. Program Research and Scholarly Activity**

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the devel-

opment of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in scholarly activities.

### **VII. Library**

Residents must have ready access to a major medical library with a representative selection of books and journals related to anesthesiology, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

Library services should include the electronic retrieval of information from medical databases. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### **VIII. Clinical Experience**

Through the parent hospital and/or limited affiliated institutions, a wide spectrum of patient problems should be available in adequate numbers to each resident to provide broad experience in the anesthetic management of patients undergoing all types of surgical procedures. Adequate exposure to specialized areas such as neurosurgical, pediatric, obstetric, and cardiothoracic procedures, as well as clinical experience in anesthesia for outpatients, is essential. A specific number of anesthetics is not required in any category, but the program director must ensure that each resident receives broad instruction and experience. An educational program must be directed toward the production of a consultant capable of making sound judgments throughout the perioperative period. During anesthesia and in the perioperative period, the resident must be instructed in current monitoring procedures, fluid therapy, pain management, and operating room safety. Resident instruction and experience in the management of acute and chronic pain problems, including diagnostic and therapeutic nerve blocks, represent essential parts of any training program, as does the management of resuscitation and airway problems. Residents should be familiar with techniques of sedation and anesthesia for a variety of diagnostic and therapeutic procedures outside the operating room.

A comprehensive anesthesia record must be maintained for each patient as an ongoing reflection of the drugs administered, the monitoring employed, the techniques used, the physiologic variations observed, the therapy provided as required, and the fluids administered. The patient's medical record should contain evidence of pre- and postoperative anesthesia assessment. When residents participate in patient care outside the operating room, they should re-

ceive instruction in proper record keeping for the activity involved, and the faculty should review their records.

## IX. Didactic Program

The didactic instruction provided should encompass anesthesiology, including the basic sciences and other clinical disciplines as they relate to anesthesiology. Regularly scheduled teaching sessions must be held to supplement ongoing clinical instruction. The organization of the didactic program should demonstrate appropriate continuity and sequencing of anesthesia-related topics. The number and type of such sessions may vary among programs, but they ordinarily include morbidity-mortality conferences, lectures, discussions, seminars devoted to journal review, and resident presentations. Organization of the residency program should allow time for resident reading and study. Recent journals, reference books, and other texts must be readily available to the residents and faculty. A suitable climate should exist for the development of a competent physician and consultant anesthesiologist who will continue learning after having completed formal training. The director should seek to enrich the program through the participation of faculty from the other disciplines and from other institutions.

## X. Resident Duty Hours

While the actual number of hours worked by residents may vary, residents should have sufficient off-duty time to avoid undue fatigue and stress. Residents should be allowed to spend, on average, at least 1 full day out of 7 away from the hospital, and should participate in on-call duty in the hospital no more frequently than, on average, every third night. The program director must monitor on-duty assignments for residents to ensure adherence to this recommendation.

Resident stress should be monitored, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. The program director and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

## XI. Substance Abuse

The residency program must have a written policy and an educational program regarding substance abuse.

## XII. Evaluation

### A. Evaluation of Residents

Resident evaluation should be carried out at least semiannually and should concern itself with intellectual abilities, clinical skills, attitudes, and interpersonal relationships. There must be provision for appropriate and timely feedback of the content of these evaluations to the resident. Residents should be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth. The program must maintain a permanent record of the evaluation and counseling process for each resident. Such records must be accessible to the resident and other authorized personnel.

The program director must provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

Residents should also be given the opportunity to evaluate the faculty and the program at least annually.

### B. Evaluation of the Program

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.

The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

One measure of the quality of a program is the performance of its graduates on examinations given by the American Board of Anesthesiology. The RRC will consider this information as part of the overall evaluation of the program.

## XIII. Inactive Program

If a program is without a resident for 2 years, accreditation may be withdrawn. Reactivation of a program subsequent to withdrawal of accreditation will require a new application.

## XIV. Channels of Information

Questions relating to educational programs and communication for the ACGME should be directed to the Executive Secretary, Residency Review Committee for Anesthesiology, 515 N State St/Ste 2000, Chicago, IL 60610. Inquiries relating to the credentials of individual applicants for certification should be directed to the Secretary of the American Board of Anesthesiology, Inc, 100 Constitution Plaza, Hartford, CT 06103.

*ACGME: September 1993 Effective: July 1995*

## Policies and Procedures for Subspecialties of Anesthesiology

Anesthesiology subspecialty programs will be surveyed and reviewed in conjunction with the survey and review of the core anesthesiology programs to which they are attached. In the case of a new application, or in special cases determined by the Residency Review Committee (RRC), a subspecialty program may be reviewed separately. For an initial application, a survey will not be required when the application is reviewed without the core program.

Applications for accreditation of new subspecialty programs will not be considered if the core residency program in anesthesiology is accredited on a provisional or probationary basis or if it has been accredited with a warning that adverse action will be taken if it is not in substantial compliance with the Essentials of Accredited Residencies at the time of the next review.

The RRC will designate the subspecialty programs as being accredited or not accredited. No further delineation of accreditation categories will be utilized. The accreditation of a subspecialty program will be directly tied to that of the core. If the core program is subsequently accredited on a probationary basis, this is simultaneously a warning to the related subspecialty program that accreditation is in jeopardy. Withdrawal of accreditation of the core program will result in the simultaneous loss of accreditation of the subspecialty program that functions in conjunction with it.

If the core program remains in good standing but the RRC judges a subspecialty program to be in noncompliance with the Program

Requirements, a warning will be issued. If suitable improvement is not demonstrated in the time specified by the RRC, accreditation may be withdrawn from the subspecialty program. The Procedures for Appeal of Adverse Actions may be utilized by subspecialty programs from which accreditation has been withdrawn in an action separate from the core program.

Inquiries about accreditation of anesthesiology subspecialty programs should be addressed to the executive secretary of the RRC for Anesthesiology.

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## Program Requirements for Residency Education in Anesthesiology Critical Care Medicine

In addition to the requirements described below, the statements in the program requirements for the anesthesiology core residency program concerning program director and faculty qualifications and responsibilities, research and scholarly activity, and evaluation mechanisms also pertain to the subspecialty programs in anesthesiology critical care medicine.

### I. Introduction

#### A. Duration and Scope of Training

1. Anesthesiology critical care medicine (ACCM) is a subspecialty of anesthesiology devoted to the acute and long-term care of critically ill patients with multiple organ system derangements.
2. Subspecialty training in ACCM shall be a minimum of 12 months in duration, beginning after satisfactory completion of a 4-year continuum in anesthesiology as required for entry into the examination system of the American Board of Anesthesiology. As such, subspecialty training in ACCM is in addition to the minimum requirements set forth in the Program Requirements for the core program in anesthesiology. The majority of the 12 months of training in ACCM must be spent in care of critically ill patients in intensive care units (ICUs). The remaining months may be spent in meeting the objectives described below (see section I.B.).
3. Subspecialty training in ACCM may not include more than one interrupted period.
4. Accreditation of a subspecialty training program in ACCM will be granted only when the program is in direct association with a core residency program in anesthesiology accredited by the Accreditation Council for Graduate Medical Education (ACGME). Therefore, subspecialty training in ACCM can occur only in institutions where there are ACGME-accredited residency programs in anesthesiology or in institutions related by formal agreement to the core program.
5. There must be close cooperation between the core program in anesthesiology and the subspecialty training program. The lines of responsibility between resident staffs in both the core program and the subspecialty program must be clearly delineated.
6. Subspecialty training in ACCM will occur principally in areas of the hospital commonly characterized as ICUs. Such ICUs are capable of providing acute and long-term life support of patients with multiple organ system derangements. Examples of ICUs include but are not limited to multidiscipline, surgical, medical, neonatal and pediatric, high-risk pregnancy, neurosurgical, trauma, and burn units.
7. There should be an institutional policy governing the educational resources committed to critical care programs ensuring cooperation of all involved disciplines. Where more than one critical care

program exists in an institution, it will be the responsibility of the institution to coordinate interdisciplinary requirements.

### B. Objectives

1. The subspecialty program in ACCM must be structured to provide resources necessary to ensure optimal patient care while providing its trainees the opportunity to develop skills in clinical care and judgment, teaching, administration, and research.
2. Exposure should be provided to a wide variety of clinical problems in adult and pediatric patients necessary for the development of broad clinical skills required for a specialist in critical care medicine (CCM).

## II. Personnel

### A. Program Director

1. The program director of subspecialty training in ACCM must be an anesthesiologist who is certified in CCM by the American Board of Anesthesiology or who has obtained equivalent training and experience in CCM. The subspecialty program director has responsibility for the teaching program in ACCM subject to the approval of the director of the core residency training program in anesthesiology.
2. The medical director of the ICU may be someone other than the subspecialty program director in ACCM. Recognizing the institutional and multidisciplinary nature of CCM, the specialty of origin of the medical director of the ICU is not as important as the provision that such an individual be certified in CCM and represent the best-qualified person within the institution.
3. The ACCM program director must devote sufficient time to provide adequate leadership to the program and supervision for the trainees. This responsibility also includes active participation in the selection of subspecialty trainees and faculty with suitable qualifications in CCM.

### B. Teaching Staff

1. There must be evidence of active participation by qualified anesthesiologists with a continuous and meaningful role in the subspecialty training program. Faculty involved in teaching subspecialty trainees in ACCM must possess expertise in the care of critically ill patients. It is recognized that such expertise will often cross specialty boundaries, emphasizing the importance of collegial relationships and consultation between the CCM program director and faculty from other disciplines including but not limited to surgery and its subspecialties, internal medicine and its subspecialties, pediatrics, obstetrics and gynecology, pathology, and radiology. Where appropriate, supervision and teaching by faculty in these disciplines should be integrated into the teaching program for subspecialty trainees in ACCM.
2. Faculty and the CCM program director responsible for teaching subspecialty trainees in ACCM must maintain an active role in scholarly pursuits, as evidenced by participation in continuing medical education at local and national meetings as well as involvement in research as it pertains to care of critically ill patients.
3. Although the number of faculty involved in teaching trainees in ACCM will vary, it is recommended that at least three faculty be involved and that these be equal to two full-time equivalents including the program director. A ratio of one faculty member to every subspecialty trainee should be maintained.

## III. Clinical and Educational Facilities and Resources

- A. An ICU must be located in a designated area within the hospital and designed specifically for care of critically ill patients.

- B. Adequate numbers of specially trained nurses plus technicians with expertise in biomedical engineering and respiratory therapy must be available.
- C. To provide sufficient range of exposure, an ICU that averages a census of at least five patients for each subspecialty trainee in ACCM is recommended.
- D. Appropriate monitoring and life-support equipment must be readily available and representative of current levels of technology.
- E. There should be readily available at all times facilities to provide laboratory measurements pertinent to care of critically ill patients with multiple organ system derangements. These include but are not limited to measurement of blood chemistries, blood gases and pH, culture and sensitivity, toxicology, and analysis of plasma drug concentrations.
- F. Facilities for special radiologic imaging procedures and echocardiography are essential.
- G. Conveniently located library facilities and space for research and teaching conferences in CCM are essential.

#### IV. Educational Program

- A. The subspecialty trainee in ACCM should gain clinical experience in the majority of the following areas:
  1. Airway maintenance
  2. Mechanical ventilation of the lungs
  3. Emergency and therapeutic treatment of pneumothorax requiring placement of chest tubes
  4. Emergency and therapeutic treatment requiring fiber-optic laryngotracheobronchoscopy
  5. Pulmonary function tests
  6. Cardiopulmonary resuscitation
  7. Placement of arterial and venous catheters
  8. Emergency and therapeutic placement of artificial transvenous cardiac pacemakers
  9. Pharmacologic and mechanical support of circulation
  10. Monitoring central nervous system function and management of intracranial hypertension
  11. Recognition and treatment of hepatic and renal dysfunction
  12. Diagnosis and treatment of sepsis
  13. Management of massive fluid and/or blood loss
  14. Total parenteral nutrition
  15. Bioengineering and monitoring
  16. Interpretation of laboratory results
- B. The teaching curriculum for the subspecialty trainee in ACCM should include the following areas, particularly in relation to critical illness:
  1. Resuscitation
  2. Cardiovascular physiology, pathology, pathophysiology, and therapy
  3. Respiratory physiology, pathology, pathophysiology, and therapy
  4. Renal physiology, pathology, pathophysiology, and therapy
  5. Central nervous system physiology, pathology, pathophysiology, and therapy
  6. Metabolic and endocrine effects of critical illness
  7. Infectious disease physiology, pathology, pathophysiology, and therapy
  8. Hematologic disorders secondary to critical illness
  9. Gastrointestinal, genitourinary, and obstetric-gynecologic acute disorders
  10. Trauma, including burns
  11. Monitoring, bioengineering, biostatistics
  12. Life-threatening pediatric conditions
  13. Administrative and management principles and techniques
  14. Transport of critically ill patients
- 15. Pharmacokinetics and dynamics; drug metabolism and excretion in critical illness
- 16. Ethical and legal aspects
- C. The subspecialty training program in ACCM must provide the opportunity for active trainee participation in research projects pertinent to CCM. Subspecialty trainees should be instructed in the design and interpretation of research studies, evaluation of investigation methods, and interpretation of data, and should have the opportunity to develop competence in critical assessment of new therapies and of the medical literature.
- D. Subspecialty trainees in ACCM should become experienced in teaching principles of CCM to other resident physicians, medical students, and health-care professionals. This experience should correlate basic biomedical knowledge with clinical aspects of critical care medicine, including the integration of clinical management principles applicable to patients of all age groups.
- E. In preparation for roles as consultants to other specialists, the subspecialty trainee in ACCM must have the opportunity to provide consultation under the direction of faculty responsible for teaching in the ACCM program.
- F. Subspecialty trainees in ACCM should gain experience in the administration of an ICU as related to appointment and training of nonphysician personnel, establishment of policies regulating functioning of the ICU, and coordination of the activities of the ICU with other in-hospital units.
- G. Subspecialty conferences, including mortality and morbidity conferences, journal reviews, and research seminars, must be regularly scheduled. Active participation of the subspecialty trainee in ACCM in the planning and production of these conferences is essential. Attendance at multidisciplinary conferences is encouraged, with particular attention given to those conferences relevant to CCM.

#### V. Evaluation

- A. Faculty responsible for teaching subspecialty trainees in ACCM must provide critical evaluations of each trainee's progress and competence to the director at the end of 6 months and 12 months of training. These evaluations should include intellectual abilities, manual skills, attitudes, and interpersonal relationships, as well as specific tasks of patient management, decision-making skills, and critical analysis of clinical situations. The subspecialty trainee in ACCM must achieve an overall satisfactory evaluation at 12 months to receive credit for training.
- B. There must be provisions for appropriate feedback of these evaluations to the subspecialty trainee.
- C. Evaluation of CCM faculty performance is encouraged.
- D. Periodic evaluations of patient care and subspecialty training objectives are encouraged.

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### Program Requirements for Residency Education in Pain Management

In addition to the requirements described below, the statements in the program requirements for the anesthesiology core residency program concerning program director and faculty qualifications and responsibilities, research and scholarly activity, and evaluation mechanisms also pertain to the subspecialty programs in pain management.

## Introduction

### A. Duration and Scope of Training

1. The management of acute and chronic pain syndromes is a complex matter involving many areas of interest and medical disciplines. The coordination of many talents enters into a successful program of pain management.
2. Subspecialty training in pain management shall be 12 months in duration, beginning after satisfactory completion of a core residency program relevant to pain management. The majority of the 12 months of training in pain management must be spent in the care of patients with acute, chronic, and/or cancer pain problems.
3. Because pain management is an intensive continuum of training, it should not be interrupted by frequent and/or prolonged periods of absence.
4. Accreditation of a subspecialty program in pain management will be granted only when the program is administratively attached to a core residency program accredited by the Accreditation Council for Graduate Medical Education (ACGME). Therefore, subspecialty training in pain management can occur only in institutions where there are ACGME-accredited residency programs in an appropriate specialty or in institutions related by formal agreement to the core program.
5. There must be close cooperation between the core program and the subspecialty training program. The lines of responsibilities between resident staffs in the core program and the subspecialty program must be clearly delineated.
6. Subspecialty training in pain management will include experience in both inpatient and outpatient facilities.
7. Because pain management is a multidisciplinary approach to a common problem, there should be an institutional policy governing the educational resources committed to pain management ensuring cooperation of all involved disciplines.

### B. Objectives

1. The subspecialty program in pain management must be structured to ensure optimal patient care while providing trainees the opportunity to develop skills in clinical care, clinical judgment, teaching, administration, and research.
2. Exposure should be provided to a wide variety of clinical pain problems necessary for the development of broad clinical skills and knowledge required for a specialist in pain management.

## II. Personnel

### A. Program Director

The program director of subspecialty training in pain management must be a physician who is certified in pain management by an American Board of Medical Specialties (ABMS) member board or who has obtained equivalent training and experience in pain management. The subspecialty program director has responsibility for the teaching program in pain management subject to the approval of the director of the core residency program. The program director must devote sufficient time to provide adequate leadership to the program and supervision to the trainees. This responsibility also includes active participation in the selection of subspecialty trainees and faculty with suitable qualification in pain management.

### B. Medical Director

The medical director of the pain management service may be someone other than the subspecialty program director. Recognizing the institutional and multidisciplinary nature of pain management, the specialty of origin of the medical director is not as important as the provision that such an individual represent the best qualified person within the institution.

### C. Faculty

1. Qualified physicians with expertise in pain management must have a continuous and meaningful role in the subspecialty training program. Faculty involved in teaching subspecialty trainees in pain management must possess expertise in the care of patients with acute, chronic, and/or cancer pain problems. Such expertise frequently crosses specialty boundaries. Thus, the program is encouraged to include faculty from other ABMS-recognized medical specialties involved in pain management. Where appropriate, supervision and teaching by faculty in these and other disciplines should be incorporated into the teaching program for subspecialty trainees in pain management. Faculty and the pain management program director must maintain an active role in scholarly pursuits pertaining to pain patients. Participation in continuing medical education is mandatory.
2. It is recommended that at least three faculty be involved in teaching pain management trainees and that these be equal to, or greater than, two full-time equivalents. A ratio of one full-time equivalent faculty member to two subspecialty trainees shall be maintained. The RRC understands by full-time that the faculty member devotes essentially all professional time to the program.

## III. Clinical and Educational Facilities and Resources

- A. A pain management center (clinic) must be located within a hospital/medical office complex and must be designed specifically for the management of pain patients.
- B. Adequate allied health staff and other support personnel must be available.
- C. There must be a minimum of 100 new patients per year with acute, chronic, or cancer pain problems available per trainee.
- D. Appropriate monitoring and life-support equipment must be readily available wherever invasive pain management procedures are performed.
- E. The following functions and support infrastructure must be available:
  1. Appropriate laboratory facilities
  2. Appropriate radiologic imaging facilities
  3. Psychiatric/psychological services, including behavioral modification
  4. Physical and/or occupational therapy
  5. Social services
  6. Medical record keeping
  7. Other services as indicated (vocational, nursing, pharmacy, dietary, etc)
  8. Appropriate electrodiagnostic facilities
- F. Conveniently located library facilities and space for research and teaching conferences in pain management are essential.
- G. There must be ready access to consultation from other disciplines involved in pain management.

## IV. Curriculum

- A. The pain management curriculum must include the following topics in lectures and reading:
  1. Anatomy and physiology of the pain projection system
  2. Epidemiology, economic impact, and sociology of pain
  3. Pharmacology of opiates, nonnarcotic analgesics, and nonsteroidal anti-inflammatory agents
  4. Pharmacology of centrally acting drugs used in pain management
  5. Measurement and assessment of pain and function
  6. Principles of neural stimulation
  7. Principles of and indication for diagnostic testing
  8. Role of nerve blocks in pain management

9. Role of neuroablative procedures
  10. Behavioral, cognitive, and supportive psychotherapeutic treatment principles, including rehabilitation and the role of team management
  11. Principles and techniques of acute pain management
  12. Principles and techniques of cancer pain management, including death and dying, and the ethical principles involved
  13. Principles and techniques of management of other chronic pain problems
  14. Principles of physical therapy, occupational therapy, and rehabilitation of the chronic pain patient
  15. Principles of multidisciplinary approaches to pain management
  16. Management of pain in children
  17. Principles and ethics of pain research in humans and animals
  18. Organization and management of a pain management center
  19. Continuing quality improvement, utilization review, and program evaluation
  20. Disability assessment and rehabilitation procedures
- B. The trainee must become familiar with theory, benefits, indications, and practical applications of the following procedures and techniques:
1. A broad range of peripheral nerve block procedures
  2. Epidural and subarachnoid injections
  3. Joint and bursal sac injections
  4. Cryotherapeutic techniques
  5. Epidural, subarachnoid, or peripheral neurolysis
  6. Electrical stimulation techniques
  7. Implanted epidural and intrathecal catheters, ports, and infusion pumps
  8. Acupuncture and acupressure
  9. Behavioral modification
  10. Isokinetic testing
  11. Modality therapy and physical therapy
  12. Hypnosis, stress management, and relaxation techniques
  13. Chemonucleolysis
  14. Trigeminal ganglionectomy
  15. Open and percutaneous cordotomy
  16. Rhizotomy
  17. Dorsal root entry zone lesions
  18. Peripheral neurectomy and neurolysis
  19. Sympathectomy techniques
  20. Ablative neurosurgery
  21. Thalamotomy, medullary tractotomy, cingulotomy
  22. Central neuroaugmentative procedures
  23. Hypophysectomy
- C. The subspecialty training program in pain management must provide the opportunity for active trainee participation in research projects pertinent to pain management. Subspecialty trainees should be instructed in the conduct of scholarly activities, in the evaluation of investigative methods and interpretation of data, and should have the opportunity to develop competence in critical assessment of new therapies and of the medical literature.
- D. Subspecialty trainees in pain management must gain experience in the management of a pain center (clinic) with regards to appointment and training of nonphysician personnel, establishment of policies relating to management of pain problems, and coordination of the activities of the pain center with other inpatient and outpatient services.
- E. In preparation for a role as a consultant, the pain management trainee must have significant experience in providing consultation under the direction of faculty responsible for teaching pain management.

- F. Pain management conferences must be held regularly. These should include morbidity and mortality conferences, journal reviews, and research seminars. Active participation in the planning and presentation of these conferences by the pain management trainee and faculty is essential. Attendance at multidisciplinary conferences is encouraged.
- G. The subspecialty trainee in pain management must become experienced in teaching principles of pain management to resident physicians, medical students, and other health-care professionals.
- H. There must be continuing quality improvement, utilization review, and evaluation.

### V. Trainee Duty Hours

While the actual number of hours worked by subspecialty trainees may vary, trainees should have sufficient off-duty time to avoid undue fatigue and stress. It is recommended that trainees should be allowed to spend, on average, at least 1 full day out of 7 away from the hospital, and should be assigned on-call duty in the hospital no more frequently than, on average, every third night. The program director is responsible for monitoring on-duty assignments for trainees to ensure adherence to this recommendation.

### VI. Evaluation

- A. Faculty responsible for teaching subspecialty trainees in pain management must provide critical evaluations of each trainee's progress and competence to the pain management program director at the end of 6 months and 12 months of training. These evaluations must include character skills, fund of knowledge, clinical competence, general medical skills, and specific skills in pain management.
- B. There must be provision for appropriate feedback of the content of these evaluations to the pain management trainee.
- C. There must be opportunity for trainees to evaluate pain management faculty performance.
- D. Periodic evaluation of patient care (quality assurance) is mandatory.
- E. Periodic evaluation of subspecialty training objectives is encouraged.

### VII. Other

Those who plan to seek certification should contact the appropriate ABMS member board regarding the requirements for certification.

ACGME: June 1992 Effective: July 1995

## Program Requirements for Residency Education in Colon and Rectal Surgery

### I. Introduction

#### A. Duration and Scope of Training

Institutions offering residencies in Colon and Rectal Surgery must provide the necessary education to qualify the resident as a colon and rectal specialist in the care of patients, in teaching, and in research. Surgeons admitted to each residency are required to have completed a minimum of 5 years of an accredited, graded program in general surgery. Thus, the residents should already have developed a satisfactory level of clinical maturity, technical skills, and surgical judgment that will enable them to begin a residency in colon and rectal surgery for the purpose of specializing in this field



of surgery. The period of training should be not less than 1 year, and the program must comply with the Institutional Requirements for residency training.

### B. Program Goals and Objectives

The director and teaching staff of a program must prepare and comply with written educational goals for the program.

### C. Program Design

All educational components of a residency program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Colon and Rectal Surgery as part of the regular review process.
2. Participation by any institution providing more than 3 months of training must be approved by the RRC.

### D. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Colon and Rectal Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Full responsibility for the teaching or work done in the department or section.
  - b. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - c. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - d. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - e. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.

- f. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- g. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. There should be a minimum of two staff members, including the program director, who are certified by the American Board of Colon and Rectal Surgery or possess suitable equivalent qualifications and who have significant teaching responsibilities. Members of the teaching staff must be able to devote sufficient time to their supervisory and teaching responsibilities.
2. All members must have the necessary interest and ability to perform their teaching duties adequately, have sound clinical and teaching abilities, support the goals and objectives of the program, have a commitment to their own continuing medical education, and participate in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

**C. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

**III. Facilities**

- A. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
- B. Library services should include the electronic retrieval of information from medical databases.
- C. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

**IV. Educational Program**

- A. The program should supply the necessary volume and variety of colon and rectal surgery to ensure adequate training of residents. If there is insufficient volume or variety in the primary institutions, arrangements should be made for an affiliation with a participating institution to correct the inadequacy. It is expected that each resident will have ample opportunity and responsibility for the care of patients with anorectal and colonic diseases.
- B. The educational program must also include training in both diagnostic and therapeutic colonoscopy. The objective is to develop the necessary competence in the use of this procedure to qualify as an expert in the field. Therefore, adequate numbers of both diagnostic and therapeutic colonoscopies must be available either through the colon and rectal training program or through an appropriate institutional affiliation to satisfy this particular need.
- C. An important aspect of the educational program is training in an outpatient facility to develop skills in patient evaluation, examination, office treatment, and surgical aftercare. Where feasible, such training should include work in the faculty member's office as well as in the outpatient clinic of the hospital.
- D. Residents in colon and rectal surgery should have sufficient knowledge of those aspects of anesthesiology, radiology, and pathology that relate to colon and rectal surgery to develop overall competence as a specialist. Such training is best accomplished in cooperation with the departments of anesthesiology, radiology, and pathology.
- E. Teaching contributes to the educational process and, therefore, should be an important part of the training program. The resident should assist in the instruction of general surgical residents and medical students, as well as nurses and other allied health professionals. It is important to include instruction in the care of intestinal stomas, especially in institutions that do not have enterostomal therapists.
- F. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.

- 4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
- 5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
- 6. Encouragement of trainees to undertake clinical and/or laboratory investigations, to present their research in scientific meetings, and to publish them in recognized medical journals.
- G. Graduate education in colon and rectal surgery requires a commitment to continuity of and excellence in patient care. At the same time, patients have a right to expect an alert, responsible, and responsive physician dedicated to delivering effective and appropriate care. The program director, therefore, must ensure supervision of each resident, commensurate with that resident's knowledge, skill, and experience and with the complexity of the patient's illness. It is desirable that residents' work schedules be designed so that on the average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of resident responsibilities and be on call in the hospital no more often than every third night. The ratio of hours worked and on-call time will vary at this senior level and, therefore, necessitates flexibility.
- H. The resident's activity outside the educational program should not be allowed to interfere with his or her performance in the educational process as defined in the agreement between the institution and the house officer. There should be a semiannual evaluation of the resident's performance. Likewise, there should be opportunity for the resident to evaluate the program.

**V. Other**

- A. One measure of the educational quality of a program may be the performance of its graduates on the examination of the American Board of Colon and Rectal Surgery.
- B. Those who plan to seek certification by the American Board of Colon and Rectal Surgery should communicate with the secretary of the board prior to beginning their residency to be certain that their general surgical training is acceptable as one of the requirements for certification.

ACGME: September 1992 Effective: July 1995

## Program Requirements for Graduate Medical Education in Dermatology

**I. Duration and Scope of Training**

- A. Accredited training programs in dermatology shall be organized to provide trainees with the educational and practical experience that will enable them to deliver superior specialized care to patients with diseases of the skin, hair, nails, and mucous membranes. Such experience must be varied and broad, progressive and systematic, and of sufficient duration. Moreover, it must include instruction in the pertinent basic sciences and in all clinical areas that bear on the specialty of dermatology and training in research and teaching. Accomplishment of these objectives requires a suitable institutional environment; a cooperative and supportive administrative authority; a stable financial base; an enthusiastic, competent, and available staff; an adequate patient population; modern, efficient equipment and space; and satisfactory liaison with other disciplines that relate to dermatology.

B. A dermatology residency may be accredited to offer either 3 or 4 years of graduate medical education:

1. A 3-year program is preceded by a broad-based clinical year of training (PGY-1) in an Accreditation Council for Graduate Medical Education (ACGME)-accredited program or similar program accredited in Canada.
2. A 4-year program must provide a broad-based clinical experience during the first year and 3 years of dermatology education in the second through fourth years of the program.
3. Approximately 75% of the resident's time during the 3 years of dermatology training must be related to the direct care of dermatologic outpatients and inpatients; this includes consultations, clinical conferences, and inpatient rounds.
4. Dermatopathology, microbiology, and other basic science lectures, seminars, and conferences are essential components of the resident's training.
5. Exceptionally, accreditation of residency programs of less than 3 years is possible, but only under the following conditions:
  - a. This training must represent an unusual and highly specialized experience, in research or in a selected major area of dermatology, in an institution with extraordinary capability in such fields and with multiple accredited training programs in other disciplines.
  - b. Moreover, training under such conditions will provide the trainee with only 1 year of credit to be applied against the necessary 3 years of training in dermatology. This training may not be used in lieu of the first postgraduate year or the first year of residency training in dermatology.

C. The program director and teaching staff must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
2. Participation by any institution providing more than 6 months of training in a program must be approved by the RRC.

## II. Institutional Organization

A. The sponsoring institution must ensure the financial, technical, and moral support and provide the necessary space, facilities, and supply of patients for the establishment and maintenance of an approved residency program in dermatology.

B. Adequate exposure to both outpatients and inpatients is necessary, as are opportunities to do research, to teach, and to become acquainted with administrative aspects of the specialty.

C. A cooperative relationship with other disciplines in medicine will result in the most effective implementation of these activities.

D. When the resources of two or more institutions are utilized for the clinical or basic science education of a resident in dermatology, letters of agreement must be approved by the institutional governing boards.

E. Affiliations should be avoided with institutions that

1. Are at such a distance from the parent institution as to make resident attendance at rounds and conferences difficult, or
2. Do not add to the educational value of the program.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

1. There must be a single program director responsible for the program.
2. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Dermatology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
3. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning, and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- i. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
  - j. Internal analysis of the training program by the program director and his or her staff is essential, in addition to the regular surveys conducted by the RRC for Dermatology.
  - k. The program director must notify the secretary of the RRC of any change in the program, staffing, affiliations, or facilities that might significantly alter the educational experience.
  - l. At times of his or her absence, the program director must designate an interim director. If this period is for 6 months or longer, the RRC must be notified. Appointment of an interim director should not exceed 2 years, as it may have a detrimental effect on the program.
  - m. A log of surgical procedures performed by residents must be kept on file and provided on request to the RRC or the site visitor. Documentation of resident evaluation, institutional and interinstitutional agreements, resident agreements, and departmental statistics should be kept on file and provided on request to the RRC or site visitor. The accurate and complete execution of application forms, progress reports, and replies to other requests from the RRC is the responsibility of the program director. The care and precision given to these responses will be taken into consideration in the assessment of the training program.
  - n. The program director must ensure that residents are adequately supervised by faculty at all times. Further, resident duty and on-call assignments must be made in a manner that ensures that neither education nor quality of patient care is jeopardized by inappropriate resident stress or fatigue. Physicians must have a keen sense of personal responsibility for continuing patient care and must recognize that their obligation to patients is not automatically discharged at any given hour of the day or on any particular day of the week. In no case should a resident go off duty until the proper care and welfare of the patients have been ensured. Resident duty hours and night and weekend call must reflect the concept of responsibility for patients and provide for adequate patient care. Residents must not be required regularly to perform excessively difficult or prolonged duties. When averaged over 4 weeks, residents should spend no more than 80 hours per week in hospital duties. Residents at all levels should, on average, have the opportunity to spend at least 1 day out of 7 free of hospital duties and should be on call no more often than every third night. There should be opportunity to rest and sleep when on call for 24 hours or more.
  - o. Trainees should be adequately supported to permit their undivided attention to educational and service responsibilities.
  - p. The program director should advise all residents planning to seek certification by the American Board of Dermatology to complete the preliminary registration form of this board and to communicate directly with the executive director of the board to be certain that they are in full compliance with the requirements for certification.
  - q. The program director must have a full-time commitment to the educational program and related activities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
  4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
  5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
  6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.
  7. Faculty from any and all clinical and basic science departments can and should be utilized to provide a complete educational experience for the trainees.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### IV. Educational Program

- A. The training program shall be organized to permit the acquisition of experience and knowledge of dermatology in a graded and systematic fashion and ensure continuity of patient care.
- B. Didactic training should complement and, when possible, precede or parallel the clinical activities. Such education should be organized to follow a curriculum that will ensure resident exposure to the complete range of disorders encountered by the dermatologist.
- C. Appropriate clinical direction and supervision are necessary throughout the training period. As the experience and confidence of the trainees grow, increasing responsibility for patient management should be assumed; however, the authority and supervisory role of the staff at all levels of training must prevail.
- D. An equivalent training experience must be ensured for all trainees.
- E. Teaching methods throughout the training period should include various combinations of lectures, conferences, seminars, demonstrations, individual or group study of color transparencies and histologic slides, clinical rounds, chart and record reviews, faculty-trainee sessions in small groups and one-to-one settings, book and journal reviews, and attendance at local, regional, and national meetings.
- F. Projection equipment and facilities for reviewing and taking clinical photographs should be provided.
- G. A library containing the essential texts, journals, and other learning resources should be an integral part of each training area.
- H. Space should also be made available for dermatology conferences, preferably dedicated for that purpose.
- I. A vital part of the residency program is the structured study of the basic sciences related to dermatology, including allergy, anatomy, bacteriology, biochemistry, embryology, entomology, genetics, histology, immunology, mycology, oncology, parasitology, pathology, pharmacology, photobiology, physiology, serology, virology, and basic principles of therapy by physical agents. In addition, the structured study should include the basic medical

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. An instructor-to-trainee ratio of at least one-to-three is desirable, as is a minimum of two geographic full-time members of the clinical faculty, one of whom must be the training director.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.

sciences and principles that underlie dermatologic surgery and therapy by physical agents. Particular emphasis should be placed upon dermatologic microbiology, dermatopathology, and immunodermatology. There should be a well-organized course of instruction and range of experience in these three disciplines. The dermatopathology training should be directed by a physician with special qualification, or its equivalent, in dermatopathology.

- J. To facilitate clinical and laboratory teaching it is essential that the department have an adequate supply of properly classified anatomic and pathologic materials, including histologic and photographic slides, and that the resident participate actively in the interpretation of histopathologic sections. Clinical laboratory facilities for microscopic analysis of biologic specimens (eg, fungal and ectoparasite scrapings, Tzanck preparations, immunofluorescence, darkfield examinations), culture for microbes (eg, fungi, bacteria, viruses), and interpretation of histologic specimens by light and electron microscopy should be conveniently available.
- K. The training should be sufficient to ensure a knowledge of and competence in the performance of procedures in allergy and immunology, cryosurgery, dermatologic surgery, laser surgery, dermatopathology, clinical pathology, parasitology, patch testing, photobiology, physiotherapy, and topical and systemic pharmacotherapy and microbiology, including sexually transmitted diseases. Among these disciplines, dermatologic surgery should be given special emphasis in the organization and implementation of the training program. The surgical training should be directed by faculty who have had advanced training in dermatologic surgery. Dermatologic surgical training should include electrosurgery, cryosurgery, laser surgery, nail surgery, biopsy techniques, and excisional surgery with appropriate closures, including small flaps and grafts when indicated.
- L. The practice of dermatology is concerned with both ambulatory and hospitalized patients. It is essential that an active outpatient service furnish sufficient clinical material representing the broad array of diseases seen by the dermatologist. Suitable facilities that permit the use of modern diagnostic and therapeutic techniques in the care of these patients should be provided. Inpatient facilities are also essential so that residents may have the opportunity to treat the more serious cutaneous diseases on a daily basis and observe the dermatologic manifestations of systemic disease. Dermatology staff and residents must have primary rather than consultant responsibility for patients they hospitalize with dermatologic illnesses. Properly supervised experience with appropriate follow-up in the provision of consultation to other services whose patients manifest skin diseases as secondary diagnoses is also necessary. The keeping of complete and accurate consultation records within the dermatology unit should be emphasized throughout this phase of the training. Space and equipment should be provided to permit instruction in dermatologic surgery, electrosurgery, phototherapy, cryosurgery, application of topical medicaments and dressings, physiotherapy, radiotherapy, and appropriate epicutaneous and intradermal testing, phototesting, and other diagnostic procedures.
- M. During training it is necessary for trainees to gain an understanding of many diagnostic procedures and therapeutic techniques, even though they may not personally perform them. Furthermore, some of these procedures or techniques may not be available in their programs. Among these techniques are procedures such as hair transplantation, dermabrasion, Mohs micrographic surgery, and tissue augmentation. The physical modalities are especially notable, since an understanding of the

basic properties of the electromagnetic spectrum is needed for the resident to become knowledgeable about the effects of various forms of this energy in the cause of disease and about its use in dermatologic diagnosis and therapy. Electron beam, x-ray, grenz ray, and laser are among these modalities. Even if some of these modalities are unavailable within a training unit, it is still an obligation of the director to ensure that the trainee has received appropriate instruction concerning the disease implication and therapeutic application of these energy sources.

- N. Training must be provided in cutaneous allergy and immunology and in sexually transmitted diseases. Training should also be provided in appropriate aspects of environmental and industrial medicine, internal medicine, obstetrics and gynecology, ophthalmology, otolaryngology, pathology, pediatrics, physical medicine, preventive medicine, psychiatry, radiology and surgery.
- O. Experience in teaching dermatology to other residents, medical students, nurses, and/or allied health personnel is an important element of the residency program. In addition, trainees should, when possible, be given selected administrative responsibility commensurate with their interests, abilities, and qualifications.

## V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  - 1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - 2. Participation in journal clubs and research conferences.
  - 3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - 4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - 5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - 6. Provision of support for resident participation in scholarly activities.
- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Library services should include the electronic retrieval of information from medical databases.
- D. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VI. Evaluation

- A. Periodic in-training evaluation of trainees should be carried out to ensure that the trainee is making satisfactory progress. Both formal examinations and performance ratings by the faculty can be utilized, and the trainee should be personally apprised of his

or her strengths and weaknesses at appropriate intervals at least twice annually. Completion by the program director of resident yearly report forms, such as those requested by the American Board of Dermatology and other certifying boards, is an important part of this evaluation process.

- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.
- C. One measure of the quality of a program is the performance of its graduates on the certifying examination of the American Board of Dermatology.

ACGME: September 1990 Effective: July 1995

## Program Requirements for Residency Education in Dermatopathology

### I. Duration and Scope of Education

- A. Dermatopathology is the subspecialty of dermatology and pathology that is concerned with the study and diagnosis of diseases of the skin and adjacent mucous membranes, cutaneous appendages, hair, nails, and subcutaneous tissues by histological, histochemical, immunological, ultrastructural, molecular, microbiological, and other related techniques.
- B. Graduate medical education programs in dermatopathology must provide an organized educational experience for qualified physicians seeking to acquire the additional competence of a dermatopathologist.
- C. Programs must provide organized education in all current aspects of dermatopathology, including basic science, laboratory procedures, laboratory management, quality assurance, and self-assessment.
- D. The dermatopathology program must be an equal and joint function of the Department of Dermatology and of the Department of Pathology in a sponsoring institution that has an Accreditation Council for Graduate Medical Education (ACGME)-accredited residency in Dermatology and an ACGME-accredited residency in Anatomic Pathology (AP-3) or Anatomic and Clinical Pathology (APCP-4).
- E. Dermatopathology programs must offer 12 months of education subsequent to the satisfactory completion of an ACGME-accredited residency in either dermatology or pathology.
- F. For all dermatopathology residents, 50% of their education should be devoted to the study of dermatopathology, as outlined in II.A.1. For those who have completed a pathology residency, 50% of the 1-year program should be education in clinical dermatology provided by the dermatology teaching staff. For those who have completed a dermatology residency, 50% of the program should be education in anatomic pathology provided by the pathology teaching staff.
- G. The director and teaching staff of the program must prepare and comply with written educational goals for the program and distribute them to applicants, residents, and members of the teaching staff. All educational components of the program should be related to these goals.
- H. The program design and/or structure must be approved by the dermatopathology review committee as part of the regular review process.
- I. Participation by any institution providing more than 2 months of training in the program must be approved by the subcommittee for dermatopathology.

- J. The educational effectiveness of the program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### II. Educational Program

#### A. Curriculum

1. Programs should be structured so that residents are involved in dermatopathology throughout the year. The program must include didactic instruction and practical experience in the diagnosis of skin disorders by direct inspection and by histological, histochemical, immunological, ultrastructural, molecular, microbiological, and other related techniques. Relevant aspects of mycology, bacteriology, and entomology should be included.
2. Dermatopathology residents must be given clearly defined assignments and increasing responsibility as they progress through the program.
3. The program must provide a sufficient volume and variety of dermatopathology specimens (at least 5,000 new accessions per resident per year) and other educational material for the resident to acquire the qualifications of a consultant in dermatopathology.
4. The program must provide the resident with the experience required to set up and to operate a dermatopathology laboratory and to supervise and train laboratory personnel.
5. All dermatopathology residents should participate in patient examination and autopsies appropriate to dermatopathology. Residents who are pathologists must participate in the examination of at least 1,000 dermatopathology patients.
6. Dermatopathology residents who are dermatologists must have exposure to autopsy and surgical pathology. This experience should emphasize contemporary diagnostic techniques (including the use of a wide variety of monoclonal antibodies) and require attendance at autopsy and surgical pathology conferences, the review of slide sets of diseases relevant to dermatopathology, and participation in autopsies.

#### B. Educational Activities

1. Lectures, tutorials, seminars, and conferences with clinical services must be regularly scheduled and held.
2. Instruction should include the use of study sets and files of usual and unusual cases and other educational materials.

### III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

1. The program director must be responsible for and have the authority to conduct the training program effectively. He or she must devote sufficient time to the program to ensure the implementation of sound administrative practices and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.
2. A program involving two or more participating institutions must have a single director with authority for the supervision and coordination of the portions of the program carried out at each institution.
3. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.

- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- c. Certification in dermatopathology by the American Board of Dermatology or American Board of Pathology or suitable equivalent qualifications.
- d. Appointment in good standing to the medical staff of an institution participating in the program.
4. The program director must demonstrate continuing scholarly activity.
5. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection, supervision, and evaluation of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - i. Preparation of an accurate statistical and narrative description of the program as requested by the dermatopathology review committee.

## B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications in dermatopathology to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

## C. Dermatopathology Residents

1. The number of positions requested must not exceed the educational resources available in a program.
2. Residents must have the opportunity to assume increasing responsibility under supervision appropriate to their experience as they progress through the program.
3. Residents should have the opportunity to become involved in dermatopathologic research and teaching during the program.
4. The program director must ensure that residents are adequately supervised by faculty at all times. Further, resident duty and on-call assignments must be made in a manner that ensures that neither education nor quality of patient care is jeopardized by resident stress or fatigue. Physicians must have a keen sense of personal responsibility for continuing patient care, and must recognize that their obligation to patients is not automatically discharged at any given hour of the day. In no case should a trainee go off duty until the proper care and welfare of the patients have been ensured. Resident duty hours and night and weekend call must reflect the concept of responsibility for patients and the provision of adequate patient care. Residents must not be required regularly to perform excessive, prolonged duties. When averaged over 4 weeks, residents should spend no more than 80 hours per week in hospital duties. Residents should, on average, have the opportunity to spend at least 1 day out of 7 free of program duties and should be on call no more often than every third night. When on call for 24 hours or more, there should be opportunity to rest and sleep.

## D. Other Personnel

1. The laboratories involved in the program must be directed by qualified physicians who are licensed to practice medicine and are members in good standing of the institution's medical staff.
2. There must be a sufficient number of qualified professional, technical, and clerical personnel to support laboratory work and the educational program.

## IV. Institutional Resources

- A. There must be ample case material and supporting facilities to meet the training requirements in dermatopathology, dermatol-

ogy, and pathology. Each dermatopathology resident should examine at least 5,000 dermatopathology specimens (ie, in-house or referred specimens in the institution's accessions file for which reports are generated).

- B. There must be adequate equipment, laboratory space, office facilities, meeting rooms, classrooms, and research space to support service, teaching, and educational responsibilities.
- C. The institutions and laboratories participating in the program must be appropriately accredited and/or licensed.
- D. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Library services should include the electronic retrieval of information from medical databases. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## V. Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.

## VI. Evaluation

- A. There must be regular, written evaluation of residents by teaching staff. Evaluations should be completed and discussed with the residents at least once every 6 months.
- B. Residents should submit written evaluations of the program at least once each year for review by the director and teaching staff.

## VII. Certification and Accreditation

- A. The Residency Review Committees for Dermatology and Pathology are responsible for accreditation of graduate medical education programs in dermatopathology.
- B. The American Board of Dermatology and American Board of Pathology are responsible for certification of individual physicians in dermatopathology. Individuals who plan to seek certification should communicate with their respective boards to obtain the latest information regarding certification.

ACGME: February 1993 Effective: July 1995

# Program Requirements for Programs in Emergency Medicine

## I. Introduction

### A. General Characteristics of Accredited Programs

Residencies in emergency medicine are designed to prepare physicians for the practice of emergency medicine. These programs must teach the basic skills and knowledge that constitute the foundations of emergency medicine practice and provide progressive responsibility for and experience in the application of these principles to the management of clinical problems. Equal opportunity must be provided for the residents, under the guidance and supervision of a qualified faculty, to develop a satisfactory level of clinical maturity, judgment, and technical skill. Upon completion of the program, residents should be capable of practicing emergency medicine, incorporating new skills and knowledge during their careers, and monitoring their own physical and mental well-being and that of others in the profession.

### B. Length of the Program

1. The required length of an emergency medicine residency is 36 months in a curriculum under the control of the emergency medicine program director. Accreditation by the Accreditation Council for Graduate Medical Education (ACGME) is required for all years of the educational program. The Residency Review Committee (RRC) recognizes three educational formats: PGY 1-3, PGY 2-4, and PGY 1-4. The resident must complete all years of education for which the program is accredited.<sup>1</sup>
2. Programs that extend the residency beyond 36 months must present a clear educational rationale consonant with the program requirements and the objectives of the residency. The program director must obtain the approval of the sponsoring institution and the RRC prior to implementation and at each subsequent accreditation review of the program.
3. Prior to entry into the program, each resident must be notified in writing of the required length of the program. This period may not be changed for a particular resident during his or her program unless there is a significant break in his or her education or the resident needs remedial education.

### C. Goals of Education

Residency programs in emergency medicine should produce physicians prepared to:

1. Provide the recognition, resuscitation, stabilization, evaluation, and care of the full range of patients who present to the emergency department.
2. Arrange appropriate follow-up or referral as required.
3. Manage the prehospital care of the acutely ill or injured patient.
4. Participate in the administration of the emergency medical services system providing prehospital care.
5. Provide appropriate patient education directed toward the prevention of illness and injury.
6. Engage in the administration and teaching of emergency medicine.
7. Understand and evaluate research methodologies and their application.

1. For information concerning the transfer of residents between emergency medicine residencies with differing educational formats and advanced placement credit for training in other specialties, contact the American Board of Emergency Medicine.



## II. Institutions

The institution(s) involved in the program must provide evidence of commitment to graduate medical education, including emergency medicine. While it is recognized that the practice of emergency medicine occurs within a variety of organizational structures, the administrative and academic structure must be organized in a way that facilitates the provision of an adequate educational experience. There must be evidence of an adequate financial commitment to the program.

### A. Medical School Affiliation

Medical school affiliation is desirable. When a medical school affiliation is present, there must be a written affiliation agreement or a letter of understanding documenting the duties and responsibilities of both the medical school and the program. Program core faculty should have or be able to apply for appropriate faculty appointments at the medical school.

### B. Affiliation Agreements

1. When there is a cooperative educational effort involving multiple institutions, the commitment of each institution to the program must be made explicit in an affiliation agreement with each institution that conforms to ACGME Institutional Requirements Section I.C.1-5.
2. In addition, there must be a current letter of understanding between the program director and the individual responsible for each resident rotation in the program that describes:
  - a. The educational objectives and the means by which they will be accomplished and evaluated.
  - b. The resources and facilities in the institution(s) that will be available to each resident, including but not limited to library and medical records.
  - c. The duties and responsibilities the resident will have on each rotation.
  - d. The relationship that will exist between emergency medicine residents and residents and faculty in other programs.
  - e. The supervision emergency medicine residents will receive on each rotation.
3. For emergency medicine rotations, the physician responsible, under the authority of the program director, for the teaching and supervision of emergency medicine residents must be identified.

### C. Participating Institutions

1. The program should be based at a primary hospital (hereafter referred to as the primary clinical site). More of the didactic and clinical experiences should take place at the primary clinical site than at any other single site. Educationally justified exceptions to this requirement will be considered.
2. Programs using multiple hospitals must ensure the provision of a unified educational experience for the residents. Each affiliated institution must offer significant educational opportunities to the overall program. The reasons for including each institution must be stated. Affiliations that merely duplicate experiences otherwise available within the program are not desirable.
3. To maintain program cohesion, continuity, and critical mass, as well as to reduce stress on the residents and their families, mandated rotations to affiliated institutions that are geographically distant from the sponsoring institution are acceptable only if they offer special resources, unavailable locally, that significantly augment the overall educational experience of the program.
4. The number and geographic distribution of participating institutions must not preclude the satisfactory participation by all residents in conferences and other educational exercises.

## D. Facilities and Resources

In every hospital in which the emergency department is used as a training site, the following must be provided:

1. Adequate patient care space.
2. Laboratory and diagnostic imaging results, especially those required on a STAT basis, returned on a timely basis.
3. Adequate program support space, including office space for faculty and residents.
4. Current medical library resources, including appropriate emergency medicine reference texts in the emergency department. In addition, residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Services available should include the electronic retrieval of information from medical databases.
5. Adequate and readily accessible instructional space.
6. Data information systems.
7. Security support services.

## III. Personnel

The program leadership and the teaching staff are responsible for the general administration of the program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Head of Emergency Medicine

The head of emergency medicine shall:

1. Be a member of the program's core teaching faculty and meet the qualifications for faculty specified in paragraph III.D.2.
2. Be an experienced administrator in emergency medicine.

### B. Program Director

There must be a single program director responsible for the program. The program director must function within a sound administrative organizational framework and have an effective teaching staff as essential elements of an approved residency program. Frequent changes in leadership or long periods of temporary leadership may adversely affect the accreditation status of the program. The program director shall:

1. Be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
2. Be qualified and have at least 3 years' experience as a clinician, administrator, and educator in emergency medicine.
3. Be certified in emergency medicine by the American Board of Emergency Medicine or have equivalent qualifications in emergency medicine.
4. Be full time in emergency medicine, clinically active, and devote sufficient time and effort to the program to provide day-to-day continuity of leadership and to fulfill all of the responsibilities inherent in meeting the educational goals of the program.
5. Have an appointment in good standing, including clinical privileges, and work clinical shifts at the primary clinical site. He or she should be based at the primary clinical site.
6. Demonstrate active involvement in:
  - a. Continuing emergency medical education
  - b. State, regional, or national scientific societies
  - c. Presentations and publications and other scholarly activities.
7. Have at least 50% of his or her time protected from clinical service.
8. Have appropriate authority to oversee and to organize the activities of the educational program, including but not limited to:
  - a. Resident appointments and assignments
  - b. Supervision, direction, and administration of the educational activities

c. Evaluation of the residents, faculty, and the residency program.

### C. Responsibilities of the Program Director

1. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
2. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
3. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
4. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
5. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
6. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
7. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
8. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
9. Preparation of an accurate statistical and narrative description of the program as requested by the RRC for Emergency Medicine.

### D. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities. A core physician faculty member is one who provides clinical service and teaching, devotes the majority of his or her professional efforts to the program, and has sufficient time protected from direct service responsibilities to meet the educational requirements of the program.
  - a. To ensure a sufficient number of faculty to provide adequate on-line 24-hour emergency department attending staff supervision and participation in ongoing scholarly activity and research in support of the emergency medicine residents, there must be a minimum of one core physician faculty member for every three residents in the program. When the total resident complement exceeds 30, the faculty-resident ratio of one core

faculty member for every three residents may be altered with appropriate educational justification.

- b. The faculty must be certified by the American Board of Emergency Medicine or have equivalent qualifications in emergency medicine.<sup>2</sup>
  - c. A significant number of such faculty should be residency trained in emergency medicine.
  - d. The faculty should show evidence of participation in a spectrum of professional activities within the institution as well as within local, state, regional, and national associations.
  - e. While not all members of a faculty need be researchers, some core physician faculty members should be engaged in research and should have protected time and adequate support services to accomplish these tasks.
  - f. The core faculty (as defined in III.E) should be involved in continuing scholarly activity such as publications in peer review journals, textbooks, local publications, formal lectures, and visiting professorships. Documentation of this involvement will be required and verified at the time of each periodic program review.
  - g. Emergency medicine faculty members at the major clinical sites who average more than 15 hours per week in the administration and teaching (both clinical and didactic) of emergency medicine residents should have specific responsibilities defined in writing for the teaching and supervision of residents as well as for any designated administrative tasks.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
  4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
  5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support for the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.
  6. Other individuals hired as attending staff to provide clinical care and/or resident supervision in the emergency department must meet the qualifications specified in paragraph III.D.2.b.

### E. Core Faculty Development

Each program should encourage the academic growth of its faculty. Faculty development opportunities should be made available to each faculty member. A written plan for each member of the core faculty should be prepared in consultation with the faculty member for whom the plan is being developed.

### F. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program. Clinical support services must be provided on a 24-hour basis. The services must be adequate to meet reasonable and expected demands and must include the following services: nursing, clerical, intravenous, EKG, respiratory therapy, messenger/transporter, and phlebotomy.

2. Board-prepared emergency physicians actively pursuing certification are considered as qualified under this requirement.

## IV. Educational Program

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the RRC for Emergency Medicine as part of the regular review process.

### A. Organization and Structure

#### 1. Patient Population

- a. There must be an adequate number of patients of all ages and both sexes, with a wide variety of clinical problems to provide a patient population sufficient to meet the educational needs of emergency medicine residents and other residents who are assigned for training in emergency medicine. Except under unusual circumstances, the primary clinical site should have at least 30,000 emergency department visits annually.
- b. Pediatric experience should be at least 16% of all resident emergency department encounters or 4 months of full-time-equivalent experience dedicated to the care of infants and children. The program can balance a deficit of patients by offering dedicated rotations in the care of infants and children. The formula for achieving this balance: a 1-month rotation equals 4% of patients. Although this experience should include the critical care of infants and children, at least 50% of the 4 months should be in an emergency setting.
- c. The number of critically ill or critically injured patients treated in aggregate by the residents at the primary clinical site should be significant, constituting at least 3% or 1,200 of the emergency department patients per year (whichever is greater) who are admitted to monitored care settings, operative care, or the morgue following treatment in the emergency department. Additional critical care experience is required during off-service rotations.
- d. There shall be a policy to provide personal and consultant physicians access to the emergency department for patient care. This policy must be consistent with those for physician access to other special care areas.

#### 2. Supervision

- a. All residents within the emergency department must be under the supervision of emergency medicine faculty in the emergency department at all times, except when residents from other services provide supervised care to patients on their service. In such circumstances, they must be supervised by emergency medicine faculty or by faculty from their services. Sufficient faculty must be present to provide supervision appropriate to the care of each patient.
- b. All residents assigned to the emergency department must have supervision commensurate with their level of training.
- c. The presence of residents from other specialties must allow sufficient opportunities for senior responsibility by emergency medicine residents.
- d. The program director should ensure that all emergency medicine residents, while on rotation on other services, are appropriately supervised and are provided with an educational experience equivalent to that of an ACGME-approved residency in that specialty.

#### 3. Progressive Responsibility

The program director must ensure that the degree of professional responsibility accorded to a resident is progressively increased through the course of training commensurate with skill and experience. Included should be opportunities to develop clinical and administrative judgment in the areas of patient care, teaching, administration, and leadership.

#### 4. Number of Residents

- a. There should be a minimum of six residents per year of training to achieve a major impact in the emergency department, to ensure meaningful attendance at emergency medicine conferences, to provide for progressive responsibility and to foster a sense of residency program and departmental identity. Exceptions to these standards will require justification based on sound educational principles and must demonstrate substantial compliance with the intent of this requirement.
- b. The program should request a number or range (minimum-maximum) of emergency medicine residents per year. The RRC will approve a range (minimum-maximum) or number of residents per year based on the educational resources of the program.<sup>3</sup>

#### 5. Presence of Other Residencies and Other Educational Resources

The sponsoring institution for emergency medicine education must have a major educational commitment, as evidenced by training programs in other major specialties. The program must demonstrate the availability of other residencies or educational resources for the education of emergency medicine residents in anesthesiology, dermatology, medicine, neurology, obstetrics-gynecology, ophthalmology, orthopaedics, otolaryngology, pediatrics, plastic surgery, psychiatry, radiology (including diagnostic imaging), and surgery. A lack of such resources will adversely affect the accreditation status of the program.

#### 6. Fellowships

Programs must notify the RRC if they sponsor any emergency medicine-related fellowships within institutions participating in the program. Documentation must be provided describing the fellowship's relationship to and impact on the residency.

- a. The appointment of other individuals, such as fellows, for special training or education must not dilute or detract from the educational opportunities of regularly appointed emergency medicine residents.
- b. Addition or integration of such individuals into an existing residency program requires a clear statement of the areas of education, clinical responsibilities, duration of training, and overall impact on the educational needs of existing emergency medicine residents.

#### 7. Duty Hours

##### a. Emergency medicine rotations

1. As a minimum, residents shall be allowed 1 full day in 7 days away from the institution and free of any clinical or academic responsibilities.
2. While on duty in the emergency department, residents may not work longer than 12 continuous scheduled hours. There must be at least an equivalent period of continuous time off between scheduled work periods.
3. A resident should not work more than 60 scheduled hours per week seeing patients in the emergency department and no more than 72 duty hours per week. Duty hours comprise all assigned clinical duty time and conferences, whether spent within or outside the educational program, including all on-call hours.

##### b. Other rotations

The program director must ensure that all residents have appropriate duty hours when rotating on other clinical services, in accordance with the ACGME-approved program requirements of that specialty.

3. In calculating the appropriate number and range of residents needed, the RRC will use, among other factors, the following guideline: an average of 1,500 emergency department encounters per year per emergency medicine resident.

## c. Extracurricular activities

Activities that fall outside the educational program may not be mandated, nor may they interfere with the resident's performance in the educational process as defined in the agreement between the institution and the resident.

**B. Curriculum**

1. The program director must provide each resident and member of the faculty in writing and in advance of the experience a comprehensive curriculum (covering the material listed in IV.B.5 and IV.B.6) specific to the educational needs of the emergency medicine resident. It shall be readily available for review. The curriculum shall include:

- a. The educational objectives for each rotation or other program assignment.
- b. Methods of implementation, including specific educational experiences used to meet each objective.
- c. Evaluation processes that are linked to the accomplishment of objectives.
- d. Feedback mechanisms.

## 2. Planned Educational Experiences

Each program must offer to its residents an average of at least 5 hours per week of planned educational experiences (not including change-of-shift report) developed by the emergency medicine residency program. These educational experiences should include presentations based on the defined curriculum, morbidity and mortality conferences, journal review, administrative seminars, and research methods. They may include, but are not limited to, problem-based learning, laboratories, and computer-based instruction, as well as joint conferences cosponsored with other disciplines.

3. Emergency medicine faculty must attend and meaningfully participate in these planned educational experiences.
4. The program should ensure that residents are relieved of clinical duties to attend these planned educational experiences. Although release from some off-service rotations may not be possible, the program should require each resident to participate in at least 70% of the planned emergency medicine educational experiences offered (excluding vacations).<sup>4</sup> Attendance should be monitored and documented.
5. The educational program must cover:
  - a. Principles of emergency care
  - b. Principles of injury control and disease prevention
  - c. Administrative aspects of emergency medicine
  - d. Emergency medical services
  - e. Physician interpersonal skills
  - f. Physician wellness
  - g. Medical ethics and jurisprudence
  - h. Critical analysis of medical literature
6. The curriculum must also include didactic and clinical education for acute and emergency care in the following areas:
  - a. Abdominal and gastrointestinal disorders
  - b. Cardiovascular disorders
  - c. Cutaneous disorders
  - d. Endocrine, metabolic, and nutritional disorders
  - e. Environmental disorders
  - f. Head and neck disorders
  - g. Hematologic disorders
  - h. Immune system disorders
  - i. Systemic infectious disorders
  - j. Musculoskeletal disorders (nontraumatic)
  - k. Nervous system disorders

## l. Obstetrics

## m. Pediatric disorders

## n. Psychiatric and behavioral disorders

## o. Renal disorders

## p. Thoracic-respiratory disorders

## q. Toxicology and clinical pharmacology

## r. Traumatic disorders

## s. Urogenital/gynecologic disorders

## t. Administrative aspects of emergency medicine

## u. Emergency medical services

## v. Presentations/symptoms

## w. Procedures/skills

7. The curriculum must include at least 2 months of inpatient critical care rotations, during which the residents should have decision-making experience that allows them to develop the skills and judgment necessary to manage critically ill and injured patients who present to the emergency department.
8. The program must develop a system that provides and documents efforts to teach residents the importance of patient follow-up. This should involve a representative sample of patients who are admitted to the hospital and who are discharged from the emergency department. Acceptable methods include but are not limited to the following:
  - a. Written documentation of individual resident efforts (ward/ICU visits, telephone calls, and chart review)
  - b. Timely provision of patient discharge summaries, operative reports, autopsy summaries, and/or consultation notes
  - c. Regular case conferences (other than morbidity and mortality conference) that cover a representative sample of patient follow-ups
9. At least 50% of the training beyond the first year must take place in the emergency department. Excessive clinical time in the emergency department should not preclude adequate experience in off-service areas needed to cover the curriculum.
10. Of the total educational experience, no less than 50% should take place under the supervision of emergency medicine faculty. Such experiences can include emergency medical services, toxicology, pediatric emergency medicine, sports medicine, emergency medicine administration, and research in emergency medicine.
11. Prehospital Care
 

Because prehospital care is an integral and vital part of emergency medicine, there must be a formal, structured resident experience. This should include participation in paramedic base station communications; emergency transportation and care in the field, including ground units and, if possible, air ambulance units; teaching prehospital personnel; disaster planning and drills; and quality assurance audits. If residents are required to ride on ground or in air ambulance units, they must be notified of this requirement prior to the resident selection process.
12. Resuscitations
 

Each resident must have sufficient opportunities to perform invasive procedures, monitor unstable patients, and direct major resuscitations of all types on all age groups. A major resuscitation is patient care for which prolonged physician attention is needed and interventions such as defibrillation, cardiac pacing, treatment of shock, intravenous use of drugs (eg, thrombolytics, vasopressors, neuromuscular blocking agents), or invasive procedures (eg, cutdowns, central line insertion, tube thoracostomy, endotracheal intubation) are necessary for stabilization and treatment. The resident must have the opportunity to make admission recommendations and direct resuscitations.

  - a. Programs must maintain a record of all major resuscitations and procedures performed by each resident. The record must

4. Seventy percent refers to the minimum number of conferences required per week.

document their role, ie, participant or director; the type of procedure(s); the location (ED, ICU, etc); age of patient; and admission diagnosis. Only one resident may be credited with the direction of each resuscitation and the performance of each procedure.

- b. These records should be verified by the residency director and should be the basis for documenting the total number of resuscitations and procedures in the program. They should be available for review by the site visitor and the RRC.
13. Continuous Quality Improvement
- Residents must actively participate in emergency department continuous quality improvement programs. There must be formal regular conferences such as mortality and morbidity conferences in which the care rendered to patients in the emergency department is critically reviewed. Efforts should be made to gain permission for postmortem examinations and to review the results of these examinations.
14. Research and Scholarly Activity
- Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. The staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
- a. Active participation in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - b. Participation in journal clubs and research conferences.
  - c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - f. Provision of support for resident participation in scholarly activities. The curriculum should include resident experience in scholarly activity prior to completion of the program. Some examples of suitable resident scholarly activities are the preparation of a scholarly paper such as a collective review or case report, active participation in a research project, or formulation and implementation of an original research project.
  - g. Residents must be taught an understanding of basic research methodologies, statistical analysis, and critical analysis of current medical literature.

15. Physician Wellness

Physical and mental well-being are critical to the emergency physician's ability to provide proper care in a stressful environment. Emergency medicine residencies should include educational programs concerning physician wellness, stress, circadian rhythms, and substance abuse.

## V. Evaluation

There must be effective, ongoing evaluation of all components of the residency program. This evaluation process must relate to the educational objectives of the program and provide a mechanism to effect change.

## A. Evaluation of Residents

1. At least semiannually, there must be an evaluation of the knowledge, skills, and professional growth in emergency medicine of each resident, using appropriate criteria and procedures. Documentation of management of patients with emergency conditions, to include major trauma, medical and pediatric resuscitations, and performance of emergency procedures by each resident in the program, must be kept and reviewed periodically by the program director.
2. Formal evaluation of each resident during training is required and must include oral and written examinations. In addition, there must be a mechanism for formal evaluation of the resident on each rotation. A summary of the evaluations must be communicated in writing to and should be signed by the resident. Discussions of these results between the resident and the program director or his or her designee must be held on at least a semiannual basis.
3. Residents may be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. A plan to remedy deficiencies must be in writing and on file, and progress and improvement must be monitored at least every 3 months.
5. A permanent record of evaluation for each resident must be maintained and must be accessible to the resident and other authorized personnel.
6. A written final evaluation must be provided for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

## B. Evaluation of Faculty

1. At least annually, individual faculty members must be formally evaluated by the head of emergency medicine, who should include information from the program director and the emergency medicine residents. A mechanism for preserving resident confidentiality in the evaluation process shall be implemented.
2. Faculty evaluations should include documentation of teaching ability, clinical knowledge, administrative and interpersonal skills, and scholarly contributions. A summary of the evaluations should be communicated in writing to each faculty member.

## C. Evaluation of the Program

1. At least annually, the educational effectiveness of the entire program, including the quality of the curriculum and the clinical rotations, must be evaluated by residents and faculty in a systematic manner. The extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be used in this process. The results of these evaluations must be kept on file.
2. The RRC may take into consideration information provided by the American Board of Emergency Medicine regarding performance of the program's graduates on the certifying examinations over a period of several years.

## VI. Other

### A. Notice of Changes in the Program

1. The program leadership is responsible for notifying the Executive Secretary of the RRC within 30 days, in writing, of any major changes in the program that may significantly alter the educational experience for the residents, including:
  - a. Leadership of the department or the program;

- b. Administrative structure such as an alteration in the hierarchical status of the program/department within the institution;
  - c. A drop in the faculty complement below the required minimum number or if one-third or more of the faculty leave within 1 year;
  - d. A drop below the minimum approved number of residents in the program for 2 consecutive years.
- Should the RRC determine that a significant alteration of the educational resources has occurred, an immediate review of the program may be performed.
2. The program director must obtain prior approval for the following changes in the program in order for the RRC to determine if an adequate educational environment exists to support these changes:
    - a. The addition or deletion of any participating institution to which a resident will rotate for 4 months or longer;
    - b. The addition or deletion of any rotation of 4 months or longer;
    - c. Any change in the approved resident complement of the program (Prior approval is not required for temporary changes in resident numbers due to makeup or remedial time for currently enrolled residents or to fill vacancies at the same level of education in which the vacancy occurs.);
    - d. Any change in the length or educational format of the program.
- On review of a proposal for a major change in a program, the RRC may determine that a site visit is necessary.

**B. Combined Programs**

The RRC will review combined education program proposals only after the review and approval of the American Board of Emergency Medicine. Review by the RRC will consider only whether the residency has sufficient resources to support combined education without diluting the experience of the regularly appointed residents. The RRC does not accredit the combined education program. The proposal must be submitted to the RRC prior to the implementation of required education.

**C. Certification**

Residents who plan to seek certification by the American Board of Emergency Medicine should communicate with the secretary of that board for information regarding the requirements for certification.

*ACGME: June 1994 Effective: July 1995*

## Program Requirements for Residency Education in the Subspecialties of Emergency Medicine

The following requirements pertain to programs in the subspecialties of Emergency Medicine. Each program must comply with the requirements listed below as well as with the specialty content found in the program requirements for the respective area.

These programs must exist in conjunction with and be an integrated part of an Accreditation Council for Graduate Medical Education (ACGME)-accredited Emergency Medicine residency program. Their existence should not compromise the integrity of the core program.

Residents appointed to the sports medicine programs should have completed an ACGME-accredited residency in emergency medicine, family practice, internal medicine, or pediatrics.<sup>1</sup>

1. Those lacking Board certification in one of these areas will not be considered eligible for a Certificate of Added Qualifications from any of the corresponding specialty Boards.

### I. Program Goals and Objectives

The director and teaching staff of a program must prepare and comply with written educational goals for the program.

**A. Program Design**

All educational components of a residency program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Emergency Medicine as part of the regular review process.
2. Participation by any institution providing more than 3 months of training in a program must be approved by the RRC.

**B. Program Evaluation**

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

**A. Program Director**

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by one of the following Boards: American Board of Emergency Medicine, American Board of Family Practice, American Board of Internal Medicine, or American Board of Pediatrics, and possess a Certificate of Added Qualifications in Sports Medicine from that same Board. The RRC will determine the adequacy of alternate qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semi-annually evaluate the knowledge, skills and professional growth of the residents, using appropriate criteria and procedures.
  2. Communicate each evaluation to the resident in a timely manner.
  3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Implementation of fair procedures as established by the sponsoring institution regarding academic discipline and resident complaints or grievances.
- h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning, and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations which consistently produce undesirable stress on residents must be evaluated and modified.
- i. Preparation of an accurate statistical and narrative description of the program as requested by a review committee.

#### **B. Teaching Staff**

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings in order to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### **C. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### **III. Program Research and Scholarly Activity**

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

#### **A. Scholarly Activity**

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organization's meetings and publications in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

#### **B. Library**

1. Residents must have ready access to a major medical library either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

*ACGME: September 1994 Effective: September 1994*

## **Program Requirements for Residency Education in Sports Medicine**

### **I. Introduction**

In addition to complying with the requirements below, each program must comply with the program requirements in emergency medicine.

### **II. Scope and Duration of Training**

An educational program in sports medicine must be organized to provide a well-supervised experience at a level sufficient for the resident to acquire the competence of a physician with added qualifications in this field. It shall be 12 months in duration.

The practice of sports medicine is the application of the physician's knowledge, skills, and attitudes to those engaged in sports and exercise. Thus, the program must provide training in the development of the clinical competencies needed to diagnose and manage medical illnesses and injuries related to sports and exercise, for example, first-degree sprains, strains, and contusions, including appropriate referrals of, for example, fractures, dislocations, and third-

degree sprains. Clinical experience must include injury prevention, preparticipation evaluation, management of acute and chronic illness or injury, and rehabilitation, as applied to a broad spectrum of undifferentiated patients. There must be experience functioning as a team physician and in the promotion of physical fitness and wellness.

The program should emphasize physiology and biomechanics; principles of nutrition; pathology and pathophysiology of illness and injury; pharmacology; effects of therapeutic, performance-enhancing, and mood-altering drugs; psychological aspects of exercise, performance, and competition; ethical principles; and medical-legal aspects of exercise and sports.

### III. Teaching Staff

In addition to the program director, each program must have at least one other faculty member with similar qualifications who devotes a substantial portion of professional time to the training program.

The teaching staff must include orthopedic surgeons who are engaged in the operative management of sports injuries and other conditions and who are readily available to teach and provide consultation to the residents. Teaching staff from the disciplines of nutrition, pharmacology, pathology, exercise physiology, physical therapy, behavioral science, physical medicine and rehabilitation, and clinical imaging also should be available to assist in the educational program. Coaches and athletic trainers also should be included.

### IV. Facilities and Resources

The program must include the following:

#### A. Patient Population

A patient population that is unlimited by age or gender and is adequate in number and variety to meet the needs of the training program must be available. The program director must ensure that residents are accorded meaningful patient responsibility with the supervision of a faculty member at all facilities and sites.

#### B. Sports Medicine Clinic

There must be an identifiable clinic that offers continuing care to patients who seek consultation regarding sports- or exercise-related health problems. The nonsurgical trainees must be supervised by a physician who has qualifications in sports medicine and is certified by the American Board of Emergency Medicine, the American Board of Family Practice, the American Board of Internal Medicine, or the American Board of Pediatrics or who possesses suitable equivalent qualifications.

Adequate, up-to-date diagnostic imaging and rehabilitation services must be readily available and accessible to clinic patients. Consultation in medical and surgical subspecialties, physical therapy, nursing, nutrition, and pharmacy must be available. The opportunity to render continuing care and to organize recommendations from other specialties and disciplines is mandatory and will require that medical records include information pertinent to the assessment and management of patients with health problems related to sports and exercise.

#### C. Sporting Events/Team Sports/Mass-Participation Events

The program must have access to sporting events, team sports, and mass-participation events during which the resident can have meaningful patient responsibility.

#### D. Acute-Care Facility

There must be an acute-care hospital with a full range of services associated with and in proximity to the sponsoring residency. This facility must be readily accessible to patients served by the program.

## V. Educational Program

The curriculum must provide the educational experiences necessary for the residents to achieve the cognitive knowledge, psychomotor skills, interpersonal skills, professional attitudes, and practical experience required of physicians in the care of patients with health problems related to sports and exercise.

Didactic as well as clinical learning opportunities must be provided as part of the required curriculum for all residents. Conferences or seminars/workshops in sports medicine should be specifically designed for the residents to augment the clinical experiences.

All educational activities must be adequately supervised, while allowing the resident to assume progressive responsibility for patient care. The clinical activities in sports medicine should represent a minimum of 50% of the time in the program. The remainder of the time should be spent in didactic, teaching, and/or research activities and in the primary care or emergency medicine ambulatory facility.

Residents must spend ½ day per week maintaining their skills in their primary specialty.

Participation in the following must be required of all residents:

#### A. Preparticipation Evaluation of the Athlete

The program must ensure that all sports medicine residents are involved in the development and conduct of preparticipation examination programs.

#### B. Acute Care

The resident must have appropriate authority and responsibility to participate meaningfully in the medical care that is provided to acute-care patients (see Scope and Duration of Training, above). In addition, the program should arrange for residents to observe representative inpatient and outpatient operative orthopedic procedures.

#### C. Sports Medicine Clinic Experience

The resident must attend patients in a continuing, comprehensive manner, providing consultation for health problems related to sports and exercise. The resident shall spend at least 1 day per week for 10 months of the training period in this activity.

If patients are hospitalized, the resident should follow them during their inpatient stay and resume outpatient care following the hospitalization. Consultation with other physicians and professionals in other disciplines should be encouraged.

#### D. On-Site Sports Care

The resident should participate in planning and implementation of all aspects of medical care at various sporting events. The program must ensure that supervised sports medicine residents provide on-site care and management to participants in these events.

In addition, the resident must participate in the provision of comprehensive and continuing care to a sports team. Preferably, the experience should include several teams that engage in seasonal sports.

#### E. Mass-Participation Sports Events

The resident should participate in the planning and implementation of the provision of medical coverage for at least one mass-participation event. The program must ensure that its residents have experience that includes providing medical consultation, direct patient care, event planning, protection of participants, coordination with local EMS systems, and other medical aspects of those events.



## VI. Specific Knowledge and Skills

### A. Clinical

The program must provide educational experiences that enable residents to develop clinical competence in the overall field of sports medicine.

The curriculum must include but not be limited to the following content and skill areas:

1. Anatomy, physiology, and biomechanics of exercise
2. Basic nutritional principles and their application to exercise
3. Psychological aspects of exercise, performance, and competition
4. Guidelines for evaluation prior to participation in exercise and sport
5. Physical conditioning requirements for various activities
6. Special considerations related to age, gender, and disability
7. Pathology and pathophysiology of illness and injury as they relate to exercise
8. Effects of disease, eg, diabetes, cardiac conditions, arthritis, on exercise and the use of exercise in the care of medical problems
9. Prevention, evaluation, management, and rehabilitation of injuries
10. Understanding pharmacology and effects of therapeutic, performance-enhancing, and mood-altering drugs
11. Promotion of physical fitness and healthy lifestyles
12. Functioning as a team physician
13. Ethical principles as applied to exercise and sports
14. Medical-legal aspects of exercise and sports
15. Environmental effects on exercise
16. Growth and development related to exercise

### B. Patient Education/Teaching

The program must provide the experiences necessary for the residents to develop and demonstrate competence in patient education regarding sports and exercise. They must have experience teaching others, eg, nurses, allied health personnel, medical students, residents, coaches, athletes, other professionals, and members of patients' families. There must also be relevant experience working in a community sports medicine network involving parents, coaches, certified athletic trainers, allied medical personnel, residents, and physicians.

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# Program Requirements for Residency Education in Family Practice

## I. Introduction

### A. Duration of Training

Residencies in family practice must be at least 3 years in duration after graduation from medical school and must be planned so that a coherent, integrated, and progressive educational program with progressive resident responsibility is ensured. The training must be specifically designed to meet the educational needs of medical school graduates intending to become family physicians.<sup>1</sup>

1. Applicants who have had previous graduate training may be considered for admission to family practice residencies. Credit for this other training may be given only in the amount that is compatible with the Program Requirements for Residency Education in Family Practice. Directors should consult with the American Board of Family Practice on each case prior to making a determination regarding the equivalence of such training.

### B. Size of Program

To provide adequate peer interaction, a program should have a minimum of 12 residents at various levels of training. Residents accepted into the first year of training should be assured a position for the full 3 years, barring the development of grounds for dismissal. Except for periods of transition, the program should offer the same number of positions for each of the 3 years.

### C. Program Design

All educational components of a residency program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
2. Participation by any institution providing more than 6 months of training in the program must be approved by the RRC.

### D. Scope of Training

Family practice residency programs must provide experience and responsibility for the residents in those areas of medicine that will be of importance to their future practice. Because family practice programs are in part dependent on other specialties for the training of residents, the ability and commitment of the institution to fulfill these requirements must be ensured.

Specifically, the sponsoring institution must ensure the existence and availability of those basic educational and patient care resources necessary to provide the family practice resident with meaningful involvement and responsibility in the necessary clinical specialties.

The existence of other programs sponsored by the residency, eg, geriatric medicine, must not result in the dilution of experience available to the family practice residents.

Instruction in the other specialties must be conducted by faculty with expertise in these fields. The curricula and plans for such rotations or experiences must be developed by the family practice faculty in concert with appropriate other specialty faculty.

There must be agreement regarding the residents' need to maintain concurrent commitment to their patients in the Family Practice Center during these rotations. The program should implement a plan to ensure that the residents retain their identity and commitment to the principles and philosophic attitudes of family practice throughout the training program, particularly while they learn the appropriate skills, techniques, and procedures of other specialties.

Family practice residency programs should provide opportunity for the residents to learn, in both the hospital and ambulatory settings, those procedural skills that can reasonably be anticipated as part of their future practices. There must be a method of documenting the procedures that are performed and of evaluating the residents' competence. Such documentation should be maintained by the program.

### E. Resident Workload and Impairment

It is the responsibility of the residents to render patient care in the pursuit of their education without additional remuneration based on productivity. This does not preclude them from earning income from patient care during off hours, provided this activity does not interfere with their education and performance as residents. In addition, such activity should not be in conflict with the policies of the program or the sponsoring institution.

The goal of the family practice training program is to produce fully competent physicians capable of providing high-quality care to their patients. To prevent impairment and promote physician well-being, residents should be trained to balance personal and professional responsibilities in a way that can be reflected throughout their careers.

The program must have mechanisms for monitoring resident stress, including mental or emotional conditions inhibiting performance or learning, and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support service to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

Both educational and patient care activities are best conducted when residents have appropriate amounts and levels of supervised responsibility and when their schedules allow them to make full utilization of their educational experiences without resultant counterproductive stress, fatigue, and depression.

There should be adequate resident staff to prevent excessive patient loads, excessive new admission workups, inappropriate intensity of service or case mix, and excessive length and frequency of call contributing to excessive fatigue and sleep deprivation. The program must:

1. Permit residents to spend, on average, at least 1 day out of 7 away from the residency program.
2. Assign on-call duty no more frequently than every third night, on the average.
3. Ensure adequate backup if sudden and unexpected patient care needs create resident fatigue sufficient to jeopardize patient care during or following on-call periods.

Formal written policies on these matters should be established and be available to the RRC, should they be requested.

## II. Curriculum

### A. Introduction

Every residency program must have the core or required curriculum as contained herein. However, on approval of the RRC, curriculum components may vary to reflect current regional practice patterns and patient care needs, and may be flexible enough to utilize the strengths of the program.

All major dimensions of the curriculum should be structured educational experiences for which written goals and objectives, a specific methodology for teaching, and a method of evaluation exist.<sup>2</sup> These goals must be distributed to residents and teaching staff. Family physicians should be utilized to the fullest extent as teachers, consistent with their experience, training, and current competence.

The organization of the curriculum should reflect the application of sound educational principles, recognizing that some elements of the curriculum are best learned in a longitudinal experience, whereas others are more efficiently learned in an intensive experience of shorter duration.

Although the content of a rotation is more important than the time assigned to it, it is necessary to establish guidelines for the allocation of time segments to provide an objective measure of the opportunity provided for residents to achieve the cognitive knowledge, psychomotor skills, attitudinal orientation, and practical experience required of a family physician in each of the curricular elements.

Ranges of time<sup>3</sup> are indicated for the various disciplines that the core curriculum comprises. This does not prohibit additional elective time in any of these areas.

2. The RRC expects all programs to have written detailed plans for their curricula that should be available for review by the site visitor. Do not append them to the forms.

3. In identifying ranges it is recognized that certain programs will deviate from those ranges for excellent educational reasons. It is the responsibility of the program director to document and justify variations from the ranges herein stated. Concurrent time spent in the family practice center should not be included when calculating the duration of the specialty rotations for which a number of required hours is specified. Family practice center time may be included in the required rotations, which are specified in months.

### B. Principles of Family Practice

The following curricular areas must be integral to each program. In addition, residents must be taught to demonstrate and clearly articulate the philosophy and concepts of family practice to patients.

#### 1. Continuity of Care

Continuity of care is an important concept in family practice and is expressed in the role and interrelationships that the system (eg, solo or group), the professional, the individual patient, the patient's family, the institution, and the community play in the maintenance of continuity of care.

Residents should develop and maintain a continuing physician-patient relationship with a panel of patients throughout the 3-year period. This relationship must be in continuity during the resident's second and third years<sup>4</sup> and must include patient contacts in the family practice center, inpatient facility, domiciliary facility, and patients' homes. Family practice residents must be able to admit and care for their family practice center patients in the hospital with family practice faculty supervision as appropriate.

Continuity of primary responsibility for patient care must be taught in a longitudinal way and include the following:

- a. Ambulatory care
- b. Inpatient care
- c. Home care
- d. Domiciliary care, eg, nursing, extended care facilities
- e. Referral and consultation
- f. Integrative function of the family physician
- g. Utilization of community resources

Residents may spend time away from the family practice center in outside rotations designed to meet the needs of their training. The educational value of these rotations must be clearly documented. At these remote sites the same degree of constant on-site supervision is required as is required in the family practice center. The use of remote sites or rotations on clinical services must not interrupt continuity of care at the family practice center for longer than 2 months during the second and 2 months during the third year.

Residents must return to the family practice center and provide continuity of care for their panels of patients for at least 2 months before leaving for any additional remote experience.

#### 2. Family Oriented Comprehensive Care

Family practice is a comprehensive specialty. The family physician assumes the responsibility for the total health care of the individual and family, taking into account the social, physiological, economic, cultural, and biological dimensions. Therefore, the programs must also emphasize the importance of comprehensive patient and family medical care. The residents must be given the opportunity to achieve high levels of competence in health maintenance; in disease and problem management; and in the development of knowledge, skills, and attitudes that reflect expertise in comprehensive patient management. Residents also must be trained in patient education.

The responsibility to provide health care to families is a fundamental concept of the discipline of family medicine. The program must provide the opportunity for residents to acquire knowledge and experience in the provision of longitudinal health care to families. This should include assisting family members in coping with serious illness of other family members. Although the treatment of illness is a basic function of family physicians, another of

4. When residents find it necessary to change programs, they and the program directors involved should consult with the American Board of Family Practice prior to implementing such arrangements.

their major responsibilities is the maintenance of health among the family members.

Comprehensive care must be taught longitudinally in didactic and clinical settings during the entire period of residency training. The following elements must be included and should be understood within the concept of family care, ie, the impact on the family of the need for care of an individual within that family:

Individual

- a. Health assessment
- b. Health maintenance
- c. Prevention
- d. Acute and chronic illness or injury
- e. Trauma
- f. Rehabilitation
- g. Behavioral counseling
- h. Health education
- i. Human sexuality

Family

- a. Family structure
- b. Family dynamics
- c. Genetic counseling
- d. Family development
- e. Family planning
- f. Child rearing and education
- g. Aging
- h. Death and dying
- i. Epidemiology of illness in families
- j. Role of family in illness management
- k. Counseling and education
- l. Nutrition

3. Primary Setting for Family Practice

While the residents' acquisition of knowledge, skills, and attitudes of family practice should take place during all curricular elements, the primary setting for this training is in the family practice center as the residents provide continuing, comprehensive care to their panels of patients.

In the first year of training an orientation period in the family practice center is needed to introduce the comprehensive approach to health care and to help the resident develop an identity as a family physician. Additionally, residents should be assigned to the family practice center for at least 1/2 day per week during the first year of training.

During the second year residents should spend from 2 to 4 half-days per week in the center. The amount of time in the center should be increased in the third year to 3 to 5 half-days per week. Intensive short duration assignments to the family practice center in the second and third years may be utilized for specific educational purposes, provided the overall curriculum is not thereby compromised.

C. Specialty Experience

1. Human Behavior and Psychiatry

Most of the family practice resident's knowledge and skills in this area should be acquired through a program in which psychiatry and behavioral science are integrated with family practice, internal medicine, pediatrics, and other disciplines throughout the resident's total educational experience.

The Family Practice Center should serve as the major site for residents to achieve the objectives of this portion of the curriculum. The human behavior curriculum should include the promotion of physician well-being and prevention of physician impairment.

There must be instruction in the following areas of human behavior:

- a. Diagnosis and management of the psychological components of illness
- b. Management of psychiatric disorders
- c. Family dynamics
- d. Physician/patient relationship
- e. Patient counseling
- f. Interviewing skills and other communicative skills
- g. Normal psychosocial growth and variants
- h. Stages of stress in the family life cycle
- i. Substance abuse

There should be a formal didactic program that supplements the clinical experience in human behavior. Instruction should be provided by faculty who have training and experience necessary to apply modern behavioral and psychiatric principles to the care of an undifferentiated population.

There must be a psychiatry training component that encompasses recognition, diagnosis, and management of emotional and mental disorders. Elements of psychotherapy, psychopharmacology, psychiatric counseling, and a wide variety of mental illnesses must be included. Alcoholism and other substance abuse also must be specifically included in the curriculum. Intensive short-term experiences in facilities devoted to the care of chronically ill patients should be limited.

Qualified family physicians and psychiatrists should be involved in teaching this curricular component.

2. Community Medicine

Residents should have experiences that help them understand the role of private enterprise, voluntary organizations, and government in modern health care. In addition, residents should be taught the principles of the application of modern medical knowledge to the care of populations. There must be instruction in at least the following areas of community medicine:

- a. Occupational medicine must include assessment of job-related illnesses and injuries, identification and management of job-related health risks, and fundamentals of disability assessment. Where possible, direct contact with organized industrial health programs is encouraged.
- b. Community health resources must include contact with governmental, voluntary, and private agencies whose services can be utilized in the care of patients and their families.
- c. Epidemiology of diseases must include the biologic and social causal relationships in common illnesses.
- d. School health must include the study of school-related health problems, identification of common learning disabilities, adaptation to physical disabilities, and evaluation for organized sports and recreational activities.
- e. Community health education must include examination of the methods available in the community for information transfer to the population, techniques of media utilization, and the physician's role in community health education.
- f. Public health services must include the study of the public health resources available at the local, state, national, and international levels, and the means by which physicians can assist their patients through utilization of those resources.
- g. Environmental health must include common problems such as toxic wastes, pure water supply, and air pollution, as well as the role of the physician in the community where these concerns exist.

3. Geriatrics

A significant portion of the practice of every family physician involves the care of the aged. Educational opportunities to address this element of the curriculum must be available throughout the resident's entire program. A structured multidisciplinary approach by faculty is essential to the teaching of this curricular

element through didactic conferences and clinical experience in the following settings: Family Practice Center, the hospital, nursing homes, retirement homes, voluntary agencies, the patient's home. Education in the care of the aged must include the preventive aspects of health care, the physiological and psychological changes of senescence, the social-cultural parameters, the nutritional and pathological (acute and chronic) entities of aging, and the proper utilization of all members of the health-care team. The residents must have sufficient training to be able to provide a functional assessment of elderly patients.

#### 4. Disease Prevention/Health Promotion

Prevention of disease and disability, health promotion, health maintenance, and health screening are important aspects of family practice. Preventive medicine must include training in immunizations and in appropriate behaviors that protect individuals and families from illness or injury. Residents should be given the opportunity to acquire specific knowledge, skills, and attitudes that provide special competence in these areas. Residents should be instructed in the general principles of health promotion and appropriate intervention based on the needs of the individual patient and the community. This content should be presented in both didactic and clinical settings.

#### 5. Internal Medicine

Internal medicine experience must provide the resident with the opportunity to acquire the knowledge and skills related to the diagnosis and management of nonsurgical diseases of adults. This experience should be utilized to enhance the resident's understanding of the pathophysiology of nonsurgical diagnostic and therapeutic techniques and to develop a disciplined, scientific approach to the practice of medicine.

The organization of the curriculum in internal medicine in large part will depend on the organization of the delivery of patient care services in the teaching environment. The experience must include both inpatient and outpatient experiences and progress from general to specific areas of content. Faculty should include family physicians, general internists, and subspecialists. The total duration of internal medicine training should be 8 to 12 months, including structured experiences in cardiology and critical care units (ICU/CCU), as well as education in endocrinology, pulmonary diseases, hematology and oncology, gastroenterology, infectious diseases, rheumatology, nephrology, allergy and immunology, and neurology. Where it exists, a family practice inpatient service may be utilized to fulfill a portion of this requirement.

#### 6. Pediatrics

There must be a structured educational experience in pediatrics of 4 to 5 months, which involves ambulatory and inpatient experiences. This must include the newborn nursery, as well as experience in resuscitation, stabilization, and preparation for transport of the distressed neonate. The resident should have the opportunity to develop an understanding of the prenatal period, the growth and development of the newborn through adolescence, and emotional problems of children and their management. In addition, the resident should be taught to recognize and manage behavioral, medical, and surgical problems of children and adolescents in home, ambulatory, and hospital settings.

#### 7. Surgery

The program must provide instruction in the diagnosis and management of surgical emergencies and the appropriate and timely referral of such emergencies for specialized care. The resident should also be taught to recognize conditions that are preferably managed on an elective basis.

The resident must be taught to appreciate the varieties of surgical treatments and the potential risks associated with them to

be able to give proper advice, explanation, and emotional support to the patients and their families.

The resident must receive training in pre- and postoperative care, basic surgical principles, asepsis, handling of tissue, and technical skills to assist the surgeon in the operating room. The program should provide the opportunity for residents to develop technical proficiency in those specific surgical procedures that family physicians may be called on to perform. If the residents expect to include surgery as a major aspect of their practice, additional training must be obtained.

The requirement in surgery includes both general surgery and subspecialty experience. The residents must be required to participate in a structured experience in general surgery of 2 to 3 months' duration, including operating-room experience. Outpatient experiences in general surgery are encouraged in order for the resident to achieve competency in the diagnosis and management of a wide variety of common ambulatory general surgical problems.

The required experiences in surgical subspecialties may be in an intense short time format or in a longitudinal format. Between 140 and 200 hours of orthopedics are required, exclusive of time in the Family Practice Center, and 40 to 80 hours in each of the subspecialties of ophthalmology, otolaryngology, and urology are required. It is expected that experiences in the surgical subspecialties will be primarily in outpatient settings. This is in addition to learning from consultations.

#### 8. Obstetrics and Gynecology

The resident must be provided with instruction in the biological and psychological impact of pregnancy, delivery, and care of the newborn on a woman and her family. The resident should be taught technical skills in the provision of antepartum and postpartum care and the normal delivery process as well as in the complications of pregnancy and their management. The resident should be taught certain operative skills in obstetrical and gynecological procedures. To acquire such skills, the family practice resident must spend at least 3 months in a structured educational experience, of which at least 2 months must be in obstetrics and at least 1 month must be in gynecology. The resident must assume the responsibility for provision of antenatal, natal, and postnatal care on a continuing basis to a number of patients sufficient to meet the required objectives. Whenever possible these patients should be derived from the residents' panel of patients in the family practice center.

A program must be able to make arrangements for additional Ob/Gyn training on an elective basis within the 36-month curriculum. This should include high-risk obstetrics and the opportunity for residents to develop technical proficiency in those surgical procedures that family physicians may be called on to perform.

#### 9. Emergency Medicine

There must be a structured educational experience of 1 to 3 months' duration in the delivery of emergency medicine care with competent and full-time on-site supervision. The initial month should be a block rotation rather than a longitudinal format.

There must be sufficient quality and types of facilities, equipment, and support personnel and a broad range of patient problems to provide the residents with adequate experience in initial management of serious emergencies.

The emergency medicine portion of the curriculum should utilize both didactic and clinical experiences. Specific modern lifesaving skills must be taught to all residents, eg, advanced cardiac life support, airway insertion, chest tube insertion, hemostasis.

10. Sports Medicine

Sports medicine must include basic physical assessment for participation as well as evaluation and management of common injuries.

11. Dermatology

The curriculum must include a required educational experience in dermatology of 60 to 120 hours. Most of this experience should be in an outpatient setting with a qualified physician teacher of dermatology and should be supplementary to the learning that results from consultations.

12. Diagnostic Imaging

The program must provide the residents with ample opportunity to learn the appropriate application of techniques and specialty consultations in the diagnostic imaging of organs and body systems. Instruction should include the limitations and risks attendant on these techniques. The format of the instruction should be adapted to the resources available, but must include radiographic film and diagnostic imaging interpretation pertinent to family practice.

13. Practice Management

There must be 60 hours of instruction in practice management taught in both didactic and practical settings. Emphasis should be on providing the resident with the tools to be successful in practice while optimizing patient care.

The Family Practice Center should be considered one of the primary sites for teaching practice management.

14. Other Curricular Elements

Other areas of training should include:

- a. Nuclear medicine
- b. Physical medicine and rehabilitation
- c. Clinical laboratory science
- d. Use of drugs and their interaction
- e. Administration of anesthetics
- f. Professional liability/risk management

15. Electives

Electives that are well constructed, purposeful, and effective learning experiences are an essential part of a family practice residency program. Electives should not utilize more than 6 months of the total curriculum, but there must be a minimum of 3 months available to each resident for electives. The choice of electives by the resident must be made with the advice and consent of the program director. Most electives will be concerned with subspecialized areas of the major primary specialties and may be obtained in various ways. However, a structured educational experience in rural and/or inner-city health care should be available to residents if such experience adds a dimension to the educational program that is not otherwise present.

Electives are intended primarily to enrich the residents' training with experiences relevant to their future practice plans or interests as family physicians. After proper counseling by the program director and/or faculty, residents may use electives in part to remove identified deficiencies in knowledge or skills. No more than half of the total elective time may be used for remedial purposes.

16. Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

a. Participation by Teaching Staff

While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.

2. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.

3. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.

4. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research and support for resident participation in scholarly activities.

b. Resident Research and Scholarly Activity

The participation of each resident in an active research program should be encouraged as an essential part of the preparation for a lifetime of self-education after the completion of formal training. Generally, this activity should be concurrent with other assignments, provided the responsibilities of the resident are adjusted in a way to permit a reasonable time for research activity. This experience should give the residents an awareness of the basic principles of study design, performance, analysis, and reporting, as well as an awareness of the relevance of research to patient care.

17. Conferences

There should be an overall conference schedule that covers the broad range of topics essential to family practice.

The conferences, seminars, or workshops for the family practice residents should be designed to augment their clinical experiences and should be held at least twice a week. These must be conducted by persons knowledgeable in the topics under discussion. Residents should also have the opportunity to present cases. Faculty, staff, and residents should participate, but conferences designed solely for the medical staff are inadequate as a substitute for a complete conference schedule in graduate training.

There also should be regularly scheduled conferences for faculty and residents during which critical review of medical literature takes place. Reasonable attendance requirements must exist, and faculty and resident attendance should be monitored by the program director.

### III. Program Personnel

The program director and teaching staff are responsible for the general administration of the program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program. Continuity of leadership over a period of years is important to the stability of a residency program. Frequent changes in leadership or long periods of temporary leadership usually have an adverse effect on an educational program and will be cause for serious concern. The RRC must be notified promptly of any change in the leadership of the program.

1. Qualifications of the Director

The director must have demonstrated ability as a teacher, clinician, and administrator. The director must be capable of administering the program in an effective manner and be actively

involved in the care of patients. This individual must devote sufficient time to the residency program to provide continuity of leadership and to fulfill the administrative and teaching responsibilities inherent in achieving the educational goals of the program.

Prior to assuming this position the program director must have had a minimum of 2 years' full-time professional activity in family practice and should have had teaching experience in a family practice residency program.<sup>5</sup> The director must be currently certified by the American Board of Family Practice or have suitable equivalent qualifications and must be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.) The RRC will determine the acceptability of alternate qualifications. The director also must hold an appointment in good standing to the medical staff of an institution participating in the program.

## 2. Responsibilities of Director

In addition to those responsibilities described in other sections of these requirements, the program director is responsible for the selection and supervision of the teaching staff and other program personnel at each institution participating in the program. She or he also has responsibility for selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.

The director is also responsible for the implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.

## B. Family Practice Faculty

A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

The faculty must contain teachers with the diversified interests and expertise necessary to meet the training responsibilities of the program. One measure of the quality of a faculty is whether there is evidence of participation in research and other scholarly activities. The number of physician faculty must be sufficient to ensure that there is always an appropriate number who, without other obligations, supervise the residents in the family practice center whenever the residents are seeing patients. There must be at least one full-time equivalent family physician faculty member for each six residents in the program. Where part-time faculty are utilized, there must be evidence of sufficient continuity of teaching and supervision.

The family physician faculty should have a specific time commitment to patient care to enable them to maintain their clinical skills and serve as role models for the residents. Family physician faculty must have admitting and attending privileges in the hospital(s) where the majority of Family Practice Center patients are hospitalized.

Physicians in the other specialties who are part of the faculty of the program must devote sufficient time to teaching and supervising the family practice residents to ensure that the program's goals for their specialty areas are accomplished.

## C. Consultant Faculty

Consultations by recognized specialists in their fields should be utilized. Consultations should occur in a location that allows residents to participate in the consultation as an educational experience.

## D. Other Special Faculty

Additional faculty will be needed to provide input into areas such as behavioral science, the social services, nutrition, oral pathology, and pharmacy. If faculty in these disciplines are not readily available from current staff or faculty, resources in the community may be utilized.

## E. Qualifications of Faculty

All of the key faculty members in the program must demonstrate suitable qualifications for their specialty areas, eg, Board certification or equivalent for physician faculty, appropriate credentials for the nonphysician faculty. There must be an explicit system to develop and maintain academic and clinical skills of the faculty and to foster their continual professional growth and development.

## F. Supervision

It is the responsibility of the program director and faculty to ensure that residents are appropriately supervised. Institutional and program policies and procedures must ensure that all residents are adequately supervised in carrying out their patient care responsibilities. Supervising policies of the residency should be consistent with those of the institution. These policies must be in writing and be distributed to all members of the program staff.

Faculty on-call schedules must be structured to ensure that supervision is readily available to residents on duty. An appropriately qualified member of the program's faculty must be in attendance on site when the needed services or procedures exceed the capability of the most senior supervising resident or when qualified senior residents are unavailable for supervision of more junior residents.

## G. Support Staff

There must be appropriate numbers and types of support staff to meet the needs of health care and resident education.

## IV. Patient Population

Patients who provide a broad spectrum of problems and represent varied income levels and ages and both sexes should be attended in the hospital, in the Family Practice Center, at home, and in institutions for long-term care or rehabilitation. There must be an institutional patient care evaluation program to foster continuing improvement of ambulatory and inpatient care provided by the institution and medical staff.

### A. Inpatients

A sufficient number of inpatients must be available to provide a broad spectrum of problems in any given discipline. The disease spectrum available for resident education must be that common to the general community. The program must offer a structured educational experience that allows residents the opportunity to attain expertise in emergency initial care of unusual or life-threatening problems.

### B. Ambulatory Patients

A stable patient population of sufficient number and variety is necessary to ensure comprehensiveness and continuity of experiences for the residents. The major part of the patient visits in the Family Practice Center should be from family units for which a resident is responsible. A patient population seeking only episodic care does not meet this requirement.

There must be a sufficient volume of patients in the family practice center to provide adequate experience for the residents in the program. While the total number of patients to be seen by each resident is not specified, the following minimum numbers of patients should be seen by residents as they progress through their training: one to two patients per hour for first-year residents; two to three patients per hour for second-year residents; and three to four patients per hour for third-year residents.

5. This does not apply to program directors who were appointed before July 1, 1983.

## V. Facilities

A program must provide the facilities required for the education of residents in sufficiently close proximity to the primary hospital to allow for the efficient functioning of the training program.

Multiple teaching facilities may be used as long as there is no compromise of the quality of the educational program and no significant reduction in attendance of residents at teaching sessions or reduction of camaraderie and exchange of information among residents and/or faculty.

### A. Primary and Affiliated Hospital

#### 1. Number of Beds

It is essential that the participating hospitals, primary and affiliated, be of sufficient size and have an adequate number of occupied teaching beds to ensure a sufficient patient load and variety of problems for the education of the number of residents and other learners on the services. Experience has demonstrated that facilities that have fewer than 135 occupied beds often are not able to provide adequate physical, human, and educational resources for training in family medicine.<sup>6</sup>

#### 2. Medical Staff

Qualified medical staff must be available in sufficient number to ensure adequate patient care and consultation in family practice, internal medicine, surgery, pediatrics, obstetrics/gynecology, pathology, psychiatry, radiology, otolaryngology, urology, neurology, cardiology, dermatology, orthopedics, ophthalmology, anesthesia, and emergency medicine.

The medical staff should be organized so that family physician members may participate in appropriate hospital governance activities on a basis equivalent to that of those in other specialties. Where a hospital is departmentalized, there should be a clinical department of family practice.

#### 3. Use of Multiple Hospitals

Multiple hospitals may be used if the primary facility is unable to provide all of the required experiences. Such additional hospitals must not be at such a distance from the primary teaching sites that they require excessive travel time or otherwise fragment the educational experience.

### B. Family Practice Center

#### 1. Functional Status

A family practice center must be in operation for the training of family practice residents (whether or not in a temporary location) on the date the program begins. If more than one center is used, the additional centers must meet the same criteria as the primary center. Experiences available in the multiple centers should be comparable.

#### 2. Design

The center must be a clearly identifiable unit that includes a separate entry, waiting room, and appointment system. The design of the Family Practice Center must ensure adequate patient flow to provide appropriate patient care, accessibility, and teaching opportunities. The Family Practice Center should have provisions for handicapped persons.

#### 3. Size

Two examining rooms per physician working in the center at one time (counting both residents and physician faculty who have patient care responsibilities) should be available. In cases where the Family Practice Center is utilized for training other

learners, eg, fellows, nurses, medical students, and physician assistants, sufficient additional space must be available so that the efficiency of the residents is not compromised.

Other functional areas must include a business office, a record room, an office library, patient care rooms, a conference room, a basic laboratory appropriate to office practice, a resident work area, and faculty/staff offices.

The Family Practice Center should provide space for the physician to conduct individual and small-group counseling.

#### 4. Diagnostic Laboratory and Imaging Services

There must be provision for diagnostic laboratory and imaging services so that there is prompt and convenient access by patients and residents for patient care and education.

#### 5. Location

The location of the Family Practice Center in relation to the hospital(s) should be such that it allows conservation of the residents' time in order to utilize efficiently the educational opportunities and provide necessary patient care at both sites.

#### 6. Equipment

The Family Practice Center must contain all equipment necessary to meet the basic needs of an efficient family practice office and an acceptable educational program for family practice residents.

#### 7. Record System

Patients' ambulatory medical records must be maintained so that easy and prompt accessibility is ensured at all times.

The record system must provide for patient care audit and chart review and must be capable of prompt documentation of all facets of family care, including care rendered in the Family Practice Center, hospital, home, via telephone, and that provided in other institutions.

The medical record system must be designed for the retrievability of data pertinent to patient care and the monitoring of the residents' experiences.

#### 8. Scheduling of Appointments

Appointments must be scheduled in the Family Practice Center by regular employees of the center who are cognizant of the importance of the appointment system in the delivery of continuing care and in ensuring patient access to a requested physician.

#### 9. Hours of Operation

The Family Practice Center must be an exclusive facility available for patient services during weekday hours commensurate with community medical practices to provide continuing comprehensive care and a place where patients may expect to obtain services.

When the Family Practice Center is closed, there must be provision for patients to have access to their personal physician or a designated substitute physician.

#### 10. Source of Income

The fiscal operation of the Family Practice Center must reflect a balance between service and education that does not adversely affect the educational objectives. There should be a plan to ensure long-range fiscal stability of the program.

### C. Ambulatory Units Other Than Family Practice Centers

Ambulatory units other than Family Practice Centers are those sites that provide experiences that differ from those offered in the Family Practice Center and that enhance the educational program.

### D. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

2. Library services should include the electronic retrieval of information from medical databases.

6. Requirements concerning number of hospital beds may be regarded more appropriately in terms of those available for use in training residents, whether in the primary hospital alone or in the primary plus affiliated hospitals combined. Number of beds must be perceived in context of the total number, types, and locations, as well as medical staff available for quality care and teaching.

- There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VI. Evaluation

### A. Evaluation of Residents

There must be adequate, ongoing evaluation of the knowledge, competency, and performance of the residents. Entry evaluation assessment, interim testing, and periodic reassessment, as well as other modalities for evaluation, should be utilized.

Written evaluation of each resident's, knowledge, skills, professional growth, and performance, using appropriate criteria and procedures, must be accomplished at least semiannually. These evaluations must be communicated to the resident in a timely manner.

Residents should be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.

The program must maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.

The program director and faculty are responsible for provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

A system for documentation of residents' experiences must be utilized to monitor the educational experience and to provide documentation for future hospital privileges.

### B. Evaluation of Faculty

All teaching faculty must be evaluated on an ongoing basis. Documentation of faculty evaluation should include teaching ability, clinical knowledge, attitudes, scholarly contributions, interpersonal skills, and communication abilities.

### C. Evaluation of Patient Care

The program must consider high-quality patient care as one of its primary objectives and evaluate the care that is provided. There must be a current and retrospective audit to provide necessary feedback for continuing improvement of ambulatory and inpatient care.

### D. Evaluation of the Program

The family practice residency must incorporate all elements of the Program Requirements. The educational effectiveness of a program must be evaluated in a systematic manner. To implement this, the program should engage in self-evaluation within the context of the educational goals and objectives, the needs of the residents, teaching responsibilities of the faculty, the availability of administrative and financial support, and adequate health-care resources within the community. This evaluation should include an examination of the balance among education, research, and service and of the extent to which the educational goals have been met by residents. Written evaluations by residents should be utilized in this process. Continuing medical education should occupy a prominent place in the program, and residents should be encouraged to develop learning patterns to continue their education.

The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as

program effectiveness in achieving them. At least one resident representative should participate in these reviews.

### E. Evaluation of the Graduate

It is the responsibility of all programs to maintain contact with their graduates to obtain information about practice effectiveness, relevance of training to practice demands, personal satisfaction with role, practical responsibilities, evidence of participation in continuing medical education, and board certification.

## VII. Information Items

### A. Evaluation by the RRC

The program will be evaluated by the RRC at regular intervals. It is the responsibility of the program director to submit accurate and complete information as requested by the RRC on the program information forms or in special communication from the committee. The RRC will judge the degree of compliance with the Program Requirements and with the Institutional Requirements.

One measure of the quality of a residency program is the performance of its graduates on the certifying examination of the American Board of Family Practice. In its evaluation of residency programs the RRC will take into consideration the information provided by the board regarding resident performance on the certifying examinations over a period of several years.

The degree of resident attrition and the presence of a critical mass of residents also are factors that will be considered by the RRC in the overall evaluation of the program.

### B. Notification of Change

The RRC must be notified promptly of major changes in the program, including a change in leadership. Prior approval of the RRC is required for the following: (1) the addition or deletion of a major participating hospital, (2) the utilization of a new and/or additional family practice center or the alteration of an existing center in any way that might make the facility less suitable, and (3) major changes in the program format. On review of a proposal for major change in a program, the RRC may determine that a site visit is necessary before a decision can be made.

### C. Board Certification

Family practice residents who plan to seek certification by the American Board of Family Practice should communicate with the executive secretary of the board.

*ACGME: June 1992 Effective: July 1995*

## Program Requirements for Residency Education in Family Practice Geriatric Medicine and Family Practice Sports Medicine

The following generic requirements pertain to programs in Family Practice Geriatric Medicine and Family Practice Sports Medicine. Each program must comply with the requirements listed below as well as with the specialty content found in the Program Requirements for the respective area.

These programs must exist in conjunction with and be an integrated part of an Accreditation Council for Graduate Medical Education (ACGME)-accredited family practice residency program. Their existence should not compromise the integrity of the core program.

Residents who are appointed to programs in geriatric medicine must have satisfactorily completed an ACGME-accredited residency in family practice or internal medicine. Residents appointed to the



sports medicine programs should have completed an ACGME-accredited residency in emergency medicine, family practice, internal medicine, or pediatrics.<sup>1</sup>

## I. Program Organization

### A. Program Design

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of the residency program must be related to these goals and should be structured educational experiences for which a specific methodology and method of evaluation exist.

The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.

### B. Participating Institutions

Participation by any institution providing more than 3 months of training in a program must be approved by the RRC.

A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

## II. Program Personnel

The program director and the teaching staff are responsible for the general administration of the program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

There must be a single program director responsible for the program, who is based primarily at the teaching center. The director must be fully committed to the program in order to devote sufficient time to the achievement of the educational goals and objectives. She or he must have sufficient authority to manage, control, and direct the program.

#### 1. Qualifications

The program director must possess the following qualifications:

- Requisite and documented clinical, educational, and administrative abilities and experience.
- Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- Certification by the specialty board in the discipline of the program or demonstrate suitable equivalent qualifications. For directors of programs in geriatric medicine this means certification by the American Board of Family Practice or the American Board of Internal Medicine and a Certificate of Added Qualification in Geriatric Medicine from the same board. Directors of programs in sports medicine may be certified by any of the following Boards: American Board of Emergency Medicine, American Board of Family Practice, American Board of Internal Medicine, or American Board of Pediatrics, and must possess a Certificate of Added Qualification in Sports Medicine from that same board. The RRC will determine the adequacy of alternate qualifications.
- Appointment in good standing to the medical staff of an institution participating in the program.

#### 2. Responsibilities

The responsibilities of the program director include:

- Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff and be readily available for review.
- Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- Supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

- There must be a sufficient number of teaching staff with documented qualifications, ie, board certification for the physician faculty and appropriate credentials for the nonphysician teaching staff, to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
- All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## III. Workload/Call Schedule

The schedule for the residents should allow them to make full utilization of their educational experiences without resultant counterproductive stress, fatigue, and depression. There should be adequate staff to prevent excessive patient loads and excessive length and frequency of call. On-call duty should occur no more frequently than every third night, averaged monthly, and residents must be permitted to spend a monthly average of at least 1 day out of 7 away from program duties. Formal written policies on these matters must be established and available for review.

There must be attention given to monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

## IV. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

1. Those lacking board certification in one of these areas will not be considered eligible for a Certificate of Added Qualification from any of the corresponding specialty boards.

### A. Teaching Staff Research/Scholarly Activity

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
3. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.

### B. Resident Research/Scholarly Activity

The residents must be exposed to and take part in research programs that provide an environment conducive to a questioning attitude and critical analysis. The program must provide support for resident participation in scholarly activities and offer guidance and technical support, eg, research design, statistical analysis, for residents involved in research. Residents must participate in journal clubs and research conferences.

### C. Library

Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

The library services should include the electronic retrieval of information from medical databases.

There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## V. Evaluation

### A. Evaluation of Residents

There must be regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:

1. Evaluate the knowledge, skills, and professional growth of the residents at least semiannually, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
5. Provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
6. Implement fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.

### B. Evaluation of the Teaching Staff

Formal mechanisms for annual evaluation of the teaching staff must exist and must include confidential resident participation.

### C. Program Evaluation

The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. At least one resident representative should participate in these reviews, and written evaluations by residents should be utilized in this process.

There should also be periodic evaluation of the utilization of resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

One measure of the quality of a program will be the performance by its graduates on the examinations of the certifying board.

## VI. Certification

Those planning to seek a Certificate of Added Qualifications from their primary board should communicate with the administrative officer of the board to ascertain the full requirements.

*ACGME: September 1994 Effective: July 1995*

## Program Requirements for Residency Education Programs in Family Practice Geriatric Medicine

In addition to complying with the Program Requirements for Residency Education in Family Practice Geriatric Medicine and Family Practice Sports Medicine, programs must also comply with the following requirements, which may in some cases exceed the common requirements.

### I. Educational Program

An educational program in geriatric medicine must be organized to provide a well-supervised experience at a sufficient level for the resident to acquire the competence of a physician with added qualifications in the field. It shall be 24 months in duration.

Clinical experience must include opportunities to observe and manage elderly patients with a wide variety of medical problems on an inpatient and outpatient basis. Residents must be given the opportunity to provide both primary care and consultation for patients in acute, ambulatory, community, and long-term care settings in order to understand the interaction of natural aging and disease as well as the techniques of assessment, therapy, and management. Additionally, residents must be given the opportunity to care for persons who are well and require routine and preventive health-care measures.

The program should include an emphasis on the physiology of aging, the pathophysiology of common diseases in the elderly, functional assessment, mental status assessment, and concepts of treatment and management, in the acute and long-term care setting as well as in the community and in the home.

Attention should be directed as well to the behavioral aspects of illness, socioeconomic factors, and ethical and legal considerations that may impinge on medical management.

The program must provide the opportunity for residents to maintain their basic primary skills during the course of this training. At

least ½ day per week must be spent in a continuity of care experience in the resident's primary discipline.

## II. Faculty and Staff

### A. Program Director

The program director must have considerable experience in geriatric medicine and must have demonstrated interest in research and a career commitment to geriatric medicine.

### B. Other Teaching Staff

In addition to the program director, each program must have at least one other faculty member with similar qualifications who devotes a substantial portion of professional time to the training program. For programs with more than two residents, there must be 0.5 additional faculty member for each two additional residents. Some of these faculty may be part-time in geriatric medicine or drawn wholly from collaborating programs. The faculty commitment must not attenuate the quality of the core residency training program. Because of the multidisciplinary nature of geriatric medicine, the program must have meaningful relationships with physical medicine and rehabilitation, neurology, and psychiatry. Appropriate relationships with other disciplines, including but not limited to general surgery, orthopaedics, ophthalmology, otolaryngology, urology, audiology, occupational therapy, and speech therapy, should be maintained. Additionally, a liaison must be established with the departments of nursing and social work.

### C. Geriatric Care Team

There must be a meaningful experience with a physician-directed interdisciplinary geriatric team at the acute-care hospital (on the inpatient service or in the outpatient setting) or in a family practice center and, if possible, in one of the long-term care facilities. Essential members include a geriatrician, a nurse, and a social worker. Additional desirable members of the team include a variety of individuals representing other disciplines such as neurology, psychiatry, physical medicine and rehabilitation, physical therapy, pharmacy, and chaplaincy. Regular team conferences must be held.

## III. Facilities/Resources

A patient population adequate to meet the needs of the training program must be available in the facilities in which the educational experiences take place. Individuals of both sexes with a spectrum of chronic illness and potential for rehabilitation must be available. At all facilities utilized by the program the resident must be given opportunities to provide meaningful care. At each setting certain activities are mandated. The program must include the following:

### A. Acute-Care Hospital

The acute-care hospital central to the geriatric medicine program must be an integral component of a teaching center. It must have the full range of services usually ascribed to an acute-care general hospital, including intensive care units, an emergency room, operating rooms, diagnostic laboratory and imaging services, and a pathology department.

### B. Long-term Care Institution

One or more long-term care institutions, such as a skilled nursing facility or chronic care hospital, is a necessary component of the geriatric medicine program. The total number of beds available must be sufficient to permit a comprehensive educational experience. The institution(s) must be approved by the appropriate licensing agencies of the state, and the standard of facilities and care in each must be consistent with those promulgated by the Joint Commission on the Accreditation of Healthcare Organizations.

### C. Long-term Noninstitutional Care

At least one noninstitutional care service, for example, home care, day care, or life care, is a necessary component of the geriatric medicine program.

### D. Ambulatory Care Program

The ambulatory care program must comprise a minimum of 25% of the resident's time over 18 months. Each resident should evaluate approximately one to three new geriatric patients and four to eight follow-up geriatric patients each week. This must include at least ½ day per week spent in a continuity of care experience. This experience must be designed to render care in a geriatric clinic or family practice center to elderly patients who may require the services of multiple medical disciplines (including but not limited to neurology, gynecology, urology, psychiatry, podiatry, orthopaedics, dentistry, audiology, and ophthalmology), as well as nursing, social work, and nutrition. The opportunity to render continuing care and to coordinate the implementation of recommendations from these medical specialties and disciplines is mandatory. Thus, medical records must include information pertinent to the assessment and management of older patients, including the functional assessment.

### E. Additional Educational Environment

Peer interaction is essential for residents. To achieve this goal, an accredited training program in at least one relevant specialty other than family practice must be formally available to the teaching center sponsoring the training program in geriatric medicine. This may be accomplished by affiliation with another educational institution for the enrichment of the educational experience.

There must be a formal affiliation agreement between each long-term care facility included in the program and the sponsoring institution, in which each institution must acknowledge its responsibility to provide a high quality of care, adequate resources, and administrative support for the educational mission. In addition, there must be a letter of agreement between each long-term care facility and the office of the director of the geriatric medicine program that guarantees the director appropriate authority at the long-term care institution to carry out the training program.

## IV. Specific Program Content

The curriculum must ensure the opportunity for residents to achieve the cognitive knowledge, psychomotor skills, interpersonal skills, professional attitudes, and practical experience required of a physician in the care of the aged.

Didactic as well as clinical learning opportunities must be available to the resident. Conferences or seminars/workshops in geriatric medicine should be specifically designed for the resident to augment the clinical experiences.

As the residents progress through their training, they must have the opportunity to teach personnel such as nurses, allied health personnel, medical students, and residents. Appropriate experiences designed to refine educational and teaching skills of the residents and to develop the necessary administrative skills must be provided.

Appropriate supervision of the residents must be provided during all of their educational experiences.

The following components must be provided:

### A. Geriatric Medicine Consultation Program

This program must be formally available in the ambulatory setting, the inpatient service, and/or emergency medicine in the acute-care hospital.

### B. Long-term Care Experience

In the long-term care institutional setting each resident must have a minimum of 12 months of continuing longitudinal clinical experience with an assigned panel of patients for whom the resident is

the primary provider. Additional block time long-term care experience is encouraged. Emphasis during the longitudinal experience should be focused on (1) the approaches to diagnosis and treatment of the acutely and chronically ill frail elderly in a less technologically sophisticated environment than the acute-care hospital, (2) working within the limits of a decreased staff-patient ratio compared with acute-care hospitals, (3) a much greater awareness of and familiarity with physical medicine and rehabilitation, and (4) the challenge of the clinical and ethical dilemmas produced by the illness of the very old.

Experience with home visits and hospice care must be included. The resident must be exposed to the organizational and administrative aspects of home health care.

### C. Research Program

Because gerontological research spans a very broad spectrum, from molecular biology to health and social policy, the research capabilities and resources of the faculty intensively involved in clinical geriatric education may not meet the needs of all residents. Therefore, working relationships with faculty from the relevant disciplines will be important, and some may be selected as research mentors for geriatric medicine residents. The disciplines within public health are especially likely to be relevant. However, the primary responsibility for the resident must reside with the program director in geriatric medicine.

The completion of a research project by each resident during the training program is strongly encouraged.

### D. Geriatric Psychiatry

Identifiable structured didactic and clinical experiences in geriatric psychiatry must be included in the program of each resident. Behavioral sciences such as psychology/social work and others must be included in the curriculum.

### E. Curriculum

The training program must provide opportunities for the residents to develop clinical competence in the overall field of geriatric medicine. The curriculum of the program must exhibit, as a minimum, the following content and skill areas:

1. Current scientific knowledge of aging and longevity, including theories of aging, the physiology and natural history of aging, pathologic changes with aging, epidemiology, and diseases of the aged.
2. Aspects of preventive medicine, including nutrition, exercise, and screening for and immunization against disease. Instruction about and experience with community resources dedicated to these activities should be included.
3. Geriatric assessment, both cognitive and functional: activities of daily living (ADL), the instrumental activities of daily living (IADL), the appropriate use of the history, physical and mental examination, and laboratory.
4. Appropriate coordination of the actions of multiple health professionals, including physicians, nurses, social workers, dietitians, and rehabilitation experts, in the assessment and implementation of treatment.
5. Topics of special interest to geriatric medicine including but not limited to cognitive impairment, falls, incontinence, osteoporosis, fractures, dysthermias, sensory impairment, pressure ulcers, and malnutrition.
6. Diseases that are especially prominent in the elderly or that have different characteristics in the elderly, including neoplastic, cardiovascular, neurologic, musculoskeletal, metabolic, and infectious disorders.
7. Pharmacologic problems associated with aging, including changes in pharmacokinetics and pharmacodynamics, drug

interactions, overmedication, polypharmacy, and compliance issues.

8. Psychosocial aspects of aging, including housing, depression, bereavement, and anxiety.
9. The economic aspects of supporting services, including Title III of the Older Americans Act, Medicare, Medicaid, and cost containment.
10. Ethical and legal issues especially pertinent to geriatric medicine, including limitation of treatment, competency, guardianship, right to refuse treatment, advance directives, wills, and durable power of attorney for medical affairs.
11. General principles of geriatric rehabilitation, including those applicable to patients with orthopaedic, rheumatologic, cardiologic, and neurologic impairments. These principles should include those related to the use of physical medicine modalities, exercise, functional activities, assistive devices, environmental modification, patient and family education, and psychosocial and recreational counseling.
12. Management of patients in long-term care settings, including noninterventions, knowledge of the administration of long-term institutions (including, for example, safety regulations), and the continuum from short- to long-term care.
13. Research methodologies related to geriatric medicine, including biostatistics, clinical epidemiology, medical information, information sciences, decision analysis, critical literature review, and research design, including cross-sectional and longitudinal methods. (The training identified in sections 12 and 13 may be appropriate to the receipt of an academic degree in public health or hospital administration.)
14. Preoperative assessment and involvement in postoperative management.
15. Iatrogenic disorders and their prevention.
16. Communication skills with patients, families, professional colleagues, and community groups, including presenting case reports, literature searches, and research papers.
17. The pivotal role of the family in caring for many elderly and the community resources (formal support systems) required to support both patient and family.

### V. Certification

Those planning to seek a Certificate of Added Qualifications from the American Board of Internal Medicine or the American Board of Family Practice should communicate with the administrative officer of the board as listed in the *Graduate Medical Education Directory* to ascertain the full requirements.

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## Program Requirements for Residency Education in Family Practice Sports Medicine

### I. Introduction

In addition to complying with the Program Requirements for Residency Education in Family Practice Geriatric Medicine and Family Practice Sports Medicine, programs must also comply with the following requirements, which may in some cases exceed the common requirements.

### II. Scope and Duration of Training

An educational program in sports medicine must be organized to provide a well-supervised experience at a level sufficient for the

resident to acquire the competence of a physician with added qualifications in this field. It shall be 12 months in duration.

The practice of sports medicine is the application of the physician's knowledge, skills, and attitudes to those engaged in sports and exercise. Thus, the program must provide training in the development of the clinical competencies needed to diagnose and manage medical illnesses and injuries related to sports and exercise, for example, first-degree sprains, strains, and contusions, including appropriate referrals of, for example, fractures, dislocations, and third-degree sprains. Clinical experience must include injury prevention, preparticipation evaluation, management of acute and chronic illness or injury, and rehabilitation, as applied to a broad spectrum of undifferentiated patients. There must be experience functioning as a team physician and in the promotion of physical fitness and wellness.

The program should emphasize physiology and biomechanics; principles of nutrition; pathology and pathophysiology of illness and injury; pharmacology; effects of therapeutic, performance-enhancing, and mood-altering drugs; psychological aspects of exercise, performance, and competition; ethical principles; and medical-legal aspects of exercise and sports.

### III. Teaching Staff

In addition to the program director, each program must have at least one other faculty member with similar qualifications who devotes a substantial portion of professional time to the training program.

The teaching staff must include orthopaedic surgeons who are engaged in the operative management of sports injuries and other conditions and who are readily available to teach and provide consultation to the residents. Teaching staff from the disciplines of nutrition, pharmacology, pathology, exercise physiology, physical therapy, behavioral science, physical medicine and rehabilitation, and clinical imaging also should be available to assist in the educational program. Coaches and athletic trainers also should be included.

### IV. Facilities and Resources

The program must include the following:

#### A. Patient Population

A patient population that is unlimited by age or gender and is adequate in number and variety to meet the needs of the training program must be available. The program director must ensure that residents are accorded meaningful patient responsibility with the supervision of a faculty member at all facilities and sites.

#### B. Sports Medicine Clinic

There must be an identifiable clinic that offers continuing care to patients who seek consultation regarding sports- or exercise-related health problems. The nonsurgical trainees must be supervised by a physician who has qualifications in sports medicine and is certified by the American Board of Emergency Medicine, the American Board of Family Practice, the American Board of Internal Medicine, or the American Board of Pediatrics or who possesses suitable equivalent qualifications.

Adequate, up-to-date diagnostic imaging and rehabilitation services must be readily available and accessible to clinic patients. Consultation in medical and surgical subspecialties, physical therapy, nursing, nutrition, and pharmacy must be available. The opportunity to render continuing care and to organize recommendations from other specialties and disciplines is mandatory and will require that medical records include information pertinent to the assessment and management of patients with health problems related to sports and exercise.

#### C. Sporting Events/Team Sports/Mass-Participation Events

The program must have access to sporting events, team sports, and mass-participation events during which the resident can have meaningful patient responsibility.

#### D. Acute-Care Facility

There must be an acute-care hospital with a full range of services associated with and in proximity to the sponsoring residency. This facility must be readily accessible to patients served by the program.

### V. Educational Program

The curriculum must provide the educational experiences necessary for the residents to achieve the cognitive knowledge, psychomotor skills, interpersonal skills, professional attitudes, and practical experience required of physicians in the care of patients with health problems related to sports and exercise.

Didactic as well as clinical learning opportunities must be provided as part of the required curriculum for all residents. Conferences or seminars/workshops in sports medicine should be specifically designed for the residents to augment the clinical experiences.

All educational activities must be adequately supervised, while allowing the resident to assume progressive responsibility for patient care. The clinical activities in sports medicine should represent a minimum of 50% of the time in the program. The remainder of the time should be spent in didactic, teaching, and/or research activities and in the primary care or emergency medicine ambulatory facility.

Residents must spend ½ day per week maintaining their skills in their primary specialty.

Participation in the following must be required of all residents:

#### A. Preparticipation Evaluation of the Athlete

The program must ensure that all sports medicine residents are involved in the development and conduct of preparticipation examination programs.

#### B. Acute Care

The resident must have appropriate authority and responsibility to participate meaningfully in the medical care that is provided to acute-care patients (see Scope and Duration of Training, above). In addition, the program should arrange for residents to observe representative inpatient and outpatient operative orthopaedic procedures.

#### C. Sports Medicine Clinic Experience

The resident must attend patients in a continuing, comprehensive manner, providing consultation for health problems related to sports and exercise. The resident shall spend at least 1 day per week for 10 months of the training period in this activity.

If patients are hospitalized, the resident should follow them during their inpatient stay and resume outpatient care following the hospitalization. Consultation with other physicians and professionals in other disciplines should be encouraged.

#### D. On-Site Sports Care

The resident should participate in planning and implementation of all aspects of medical care at various sporting events. The program must ensure that supervised sports medicine residents provide on-site care and management to participants in these events.

In addition, the resident must participate in the provision of comprehensive and continuing care to a sports team. Preferably, the experience should include several teams that engage in seasonal sports.

**E. Mass-Participation Sports Events**

The resident should participate in the planning and implementation of the provision of medical coverage for at least one mass-participation event. The program must ensure that its residents have experience that includes providing medical consultation, direct patient care, event planning, protection of participants, coordination with local EMS systems, and other medical aspects of those events.

**VI. Specific Knowledge and Skills****A. Clinical**

The program must provide educational experiences that enable residents to develop clinical competence in the overall field of sports medicine.

The curriculum must include but not be limited to the following content and skill areas:

1. Anatomy, physiology, and biomechanics of exercise
2. Basic nutritional principles and their application to exercise
3. Psychological aspects of exercise, performance, and competition
4. Guidelines for evaluation prior to participation in exercise and sport
5. Physical conditioning requirements for various activities
6. Special considerations related to age, gender, and disability
7. Pathology and pathophysiology of illness and injury as they relate to exercise
8. Effects of disease, eg, diabetes, cardiac conditions, arthritis, on exercise and the use of exercise in the care of medical problems
9. Prevention, evaluation, management, and rehabilitation of injuries
10. Understanding pharmacology and effects of therapeutic, performance-enhancing, and mood-altering drugs
11. Promotion of physical fitness and healthy lifestyles
12. Functioning as a team physician
13. Ethical principles as applied to exercise and sports
14. Medical-legal aspects of exercise and sports
15. Environmental effects on exercise
16. Growth and development related to exercise

**B. Patient Education/Teaching**

The program must provide the experiences necessary for the residents to develop and demonstrate competence in patient education regarding sports and exercise. They must have experience teaching others, eg, nurses, allied health personnel, medical students, residents, coaches, athletes, other professionals, and members of patients' families. There must also be relevant experience working in a community sports medicine network involving parents, coaches, certified athletic trainers, allied medical personnel, residents, and physicians.

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## Program Requirements for Residency Education in Internal Medicine

**I. Introduction**

Residency training programs in internal medicine must be organized to provide the intellectual environment, formal instruction, peer interaction, and broad clinical experience necessary for residents to acquire the knowledge, skills, and attitudes essential to the practice of general internal medicine. An accredited residency

program in internal medicine will provide at least 3 years of well-supervised educational experiences.

**II. Institutional Resources and Responsibilities****A. Administration**

1. Graduate medical education must take place in an environment of inquiry and scholarship, in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. To meet the special requirements of a medical residency, sponsoring institutions should also have a meaningful affiliation with a Liaison Committee on Medical Education-accredited medical school, unless such institutions can demonstrate equivalent commitment to education and research. Any university-owned or -operated hospitals lacking sufficient diversity in faculty, facilities, and resources in the inpatient and/or ambulatory setting should have meaningful affiliations with community-based institutions.
2. Thus, to qualify as a sponsor of an internal medicine training program, an institution should promote meaningful interaction of internal medicine residents with residents from other services by serving as a significant training site for a minimum of two additional accredited general residency programs. The institution should serve as sponsor of one of these two programs, and a sufficient number of residents from the other programs should regularly participate in training in the institution.
3. Adequate financial support must be evidenced by appropriate compensation for faculty and residents, suitable facilities for educational programs, appropriate support services, and opportunities for research.
4. There must not be excessive reliance on residents for service.
5. The administrative structure must be such that the internal medicine components of the educational program are an integral part of the Department of Medicine. The director of the residency training program (ie, program director) must have the authority to organize, implement, and provide leadership for the activities of the educational program at all sites. Hence, the program director must be the Chair of the Department of Medicine or have a reporting relationship that ensures appropriate authority. When special tracks (eg, medicine-pediatrics, medicine-emergency medicine) are present, a clear line of authority must be established between the internal medicine program director and those responsible for the special tracks.
6. Major changes in leadership, governance, institutional support and goals that affect the educational program must be communicated promptly to the Residency Review Committee (RRC) for Internal Medicine by the institutional administration or by the program director. Major changes in the structure of the educational program (eg, addition of a new educational track, addition of residents beyond the approved complement) must be approved by the RRC prior to implementation. An expedited review will be provided.

**B. Participating Institutions**

When the resources of two or more institutions are utilized in the program, letters of affiliation must be approved by the institutional governing boards. Affiliated institutions should not be so distant as to make it difficult for residents to attend their continuity clinics or required conferences. Assignments at affiliated institutions must not be made primarily to meet service needs. Participation by any institution providing 6 months of training in the program must be approved by the RRC for Internal Medicine. A member of the teaching staff of each participating institution must be designated to

assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

### C. Faculty

The program director, division chiefs, and teaching faculty must be selected for their professional ability and commitment to teaching, medical education, patient care, and the scientific and humanistic basis of medicine. The program director and teaching faculty must prepare and comply with written educational goals for the program. The program director and the teaching faculty are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

All faculty members must be certified by the American Board of Internal Medicine or present equivalent credentials or experience acceptable to the RRC for Internal Medicine. Experienced general internists must be included among the faculty. Division chiefs must also be certified in their subspecialty or present equivalent credentials. Faculty members should participate in structured faculty development programs, including evaluation of teaching effectiveness. They also should actively participate in regional and national professional and scientific societies, in continuing medical education and scholarly activities, and in preparing scientific publications and conducting research. While not all faculty members must be investigators, the faculty as a whole must demonstrate involvement in research, defined broadly to include biomedical, clinical, educational, and health services research.

#### 1. The Program Director

- a. The strength of the residency program is directly related to the professional competence and leadership qualities of the program director, whose term of appointment must be sufficient to ensure continuity for the program. There must be a single program director responsible for the program. Irrespective of the source of compensation, the program director must be an institutionally based appointee in good standing whose primary responsibility is the organization, implementation, and supervision of the training program, including the selection and supervision of the teaching staff and other program personnel at each institution participating in the program. The program director must be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)

The program director must monitor resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

Regardless of the organizational arrangements of the institution, the program director must be authorized to select residents for appointment to the program in accordance with institutional and departmental policies and procedures, must evaluate the quality of care rendered by the residents, and must have the authority to ensure effective teaching. The program director must obtain teaching commitments from other departments involved in the education of internal medicine residents. The program director must prepare a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily

available for review. The program director is responsible for the preparation of an accurate statistical and narrative description of the program, as required by the RRC for Internal Medicine.

- b. The program director, whether trained as a general internist or as a subspecialist, must be a clinician with broad knowledge of, experience with, and commitment to general internal medicine. He or she must have sufficient academic and administrative experience to ensure effective implementation of these Program Requirements and should have had at least 5 years of participation as an active faculty member in an accredited residency program. The program director must be certified by the American Board of Internal Medicine or possess equivalent qualifications in internal medicine. The program director must meet professional standards of ethical behavior.
  - c. If the program director is replaced, the RRC for Internal Medicine must be notified by the institution promptly, with an explanation for the change. The qualifications of the new program director must be presented in detail, and a curriculum vitae must be submitted. The RRC may schedule a site visit when a new program director is appointed.
- #### 2. Other Faculty
- a. Irrespective of the source of compensation, there must be at least four additional institutionally based faculty members, not including chief residents, who dedicate the majority of their professional effort (ie, at least 20 hours per week) to the internal medicine training program.
  - b. Each resident must have a minimum of 10 hours per week of direct faculty supervision, with a resident-faculty ratio of 6:1 or less. Faculty must not have other obligations during this teaching time. Such supervision would occur in structured, patient-oriented, small-group educational activities, such as inpatient teaching attending rounds (general medical services, critical care units, subspecialty inpatient services, emergency medicine), and preceptorships in ambulatory care, such as outpatient medical clinics, outpatient subspecialty clinics, walk-in triage clinics, and office practices.
  - c. Qualified individuals, institutionally based, must be designated to be responsible for teaching activities in general internal medicine and each of the recognized subspecialties (Division Chief). Division chiefs must organize, supervise, and implement the subspecialty aspects of the training program. Each division chief must have an adequate term of office to achieve these goals. Other members of the teaching staff may be voluntary, part-time, or full-time. The teaching staff must share with the division chiefs and with the program director a commitment to the goals and objectives of the teaching program, including development in the residents of medical knowledge; clinical, technical, and management skills; and clinical judgment. The faculty must be able to nurture the attributes of the scholar, scientist, teacher, and humanist. Faculty members must be available to residents for advice and counseling.

### D. Residents

#### 1. Appointment of Residents

Programs must demonstrate the ability to recruit and retain qualified residents. Residents must be selected for appointment to the program in accordance with institutional and departmental policies and procedures. Residents should be appointed only when their documented prior experience and attitudes demonstrate the presence of the abilities necessary to master successfully the clinical knowledge and skills required of all program graduates. All residents must have demonstrated understanding and facility in using the English language. In addition, residents should be reappointed only when their clinical judgment; medi-

cal knowledge; history-taking, physical-examination, and procedural skills; humanistic qualities; professional attitudes; moral and ethical behavior; and clinical performance are documented to be entirely satisfactory. Before accepting a resident in transfer from another accredited training program, a written evaluation of past performance must be received in a timely fashion from the resident's current and/or previous program director(s).

## 2. Resident Complement

The total number of residents enrolled in the program must not exceed the faculty, patient, and facility resources available to support an appropriate educational program. In accrediting the program, the RRC will stipulate the maximum number of residents that can be enrolled at any given time. Program directors must obtain approval from the RRC prior to increasing the number of approved residency positions.

## E. The Patient Population

Patients must be available in sufficient number for training purposes and must exhibit an adequate variety of clinical problems to provide broad experience in general internal medicine in inpatient, ambulatory, and other settings. There must be an adequate number of patients of both sexes and a broad range of age, including both adolescent and geriatric groups. Patients representing a wide spectrum of socioeconomic status also should be present.

## F. Pathology Material

Mortality and morbidity reviews are part of the educational program. All deaths must be reviewed, and autopsies performed whenever possible. To provide an adequate educational experience and to contribute to the quality of patient care, autopsies should be performed on at least 15% of deaths on the medical teaching service. Residents should be present at autopsies or should review the gross pathological specimens at the time the autopsies are performed on their patients and should review the autopsy reports. Formal teaching sessions with reviews of autopsy, biopsy, and/or surgical pathology cases must be regularly scheduled. Faculty and attending physicians from other disciplines should be involved when appropriate.

## G. Consultative Services

Consultations from other clinical services in the hospital must be available in a timely manner. All consultations must be provided by, or be under the supervision of, a qualified specialist. Each service must be headed by a qualified individual who ensures that the faculty participates in the educational programs of the medical service.

## H. Facilities

### 1. General

Modern facilities to accomplish the overall educational program must be available and functioning. There must be adequate space and equipment for the educational program, including meeting rooms, classrooms, computers, visual and other educational aids, office space for teaching staff, diagnostic and therapeutic facilities, and laboratory facilities. Clinical support services must be provided on a 24-hour basis and in an adequate fashion to meet reasonable and expected demands, including intravenous services, phlebotomy services, messenger/transporter services, and laboratory and radiologic information retrieval systems that allow prompt access to results.

### 2. Ambulatory Care Facilities

Adequate facilities, support services, and space for outpatient teaching and patient care must be available. Residents must be provided with clinical experience in efficient, effective ambulatory care settings. Medical records, x-ray films, and results of diagnostic studies must be readily available. In addition to using hospital-based general medicine and/or subspecialty clinics, pro-

grams are encouraged to use community resources such as physicians' offices, neighborhood health centers, and home-care and managed-care facilities to broaden the base of ambulatory care experience for residents. When used for resident education, such sites must provide an environment for high-quality patient care under supervision.

### 3. Special Facilities

- Appropriate facilities must be available to the program to ensure that residents become proficient in the effective use of current and evolving technologies, to ensure that the involved institution(s) has an appropriate patient mix, and to ensure achievement of related educational goals and objectives.
- The facilities that must be present to achieve these goals include but are not limited to those for bronchoscopy; coagulation studies; gastrointestinal endoscopy; noninvasive cardiology studies; pulmonary function studies; hemodialysis; and radionuclide, ultrasound, and radiologic imaging.
- To ensure that an appropriate spectrum of cardiovascular disorders is available for resident education, cardiac catheterization facilities should be present at the site(s) where the residents see the majority of their acutely ill, hospitalized patients with cardiovascular disease.

### 4. Other Clinical Facilities

Acute-care hospitals that are affiliated with extended care facilities (chronic care hospitals, skilled nursing facilities, etc), satellite clinics, or home-care or hospice programs are encouraged to involve residents in activities at these settings. When used for resident education, such sites must provide an environment for high-quality patient care under supervision. The program director is responsible for documentation of the quality of these educational experiences.

### 5. Medical Records

- A medical records department that facilitates both quality patient care and education must be available.
- Clinical records documenting both inpatient and ambulatory encounters must be maintained so that easy and prompt accessibility is ensured at all times. Residents must gain experience in timely preparation of concise discharge summaries. The record system must be organized to permit the collection and evaluation of selected material from clinical records for clinical investigation.

### 6. Medical Library

A medical library under the direction of a qualified medical librarian must be readily accessible. There must be a means of access to appropriate reference material during those times when the library is not open and staffed. The library must contain a representative selection of books and journals on internal medicine. An *Index Medicus* and an interlibrary loan system must be present. The sponsoring institution must provide residents with access to an on-site computerized search system. A library of pertinent audiotapes, videotapes, and films, together with the equipment necessary for their use, is desirable. Also, residents must have access to an on-site library or to an appropriate collection of texts and journals at each participating institution, including nights and weekends.

### 7. Resident Facilities

Residents must be provided with adequate sleeping, lounge, and food facilities during assigned duty hours. On-call facilities, arranged to ensure adequate rest, safety, convenience, and privacy, must be available for each resident on night duty in the hospital.



### III. Curriculum and the Teaching Program

#### A. General

##### 1. Organization and Structure

- a. The Department of Internal Medicine must be organized to provide a coherent, integrated, and progressive educational program in the broad field of internal medicine. The training program based within the department must, in turn, be structured to ensure that each resident has the opportunity to acquire the knowledge; the clinical, management, and interpersonal skills; the professional attitudes and behaviors; and the experience required to become a proficient general internist.
- b. The structure of the program, including both patient-based and didactic elements, must be set down in a concise written document (in effect, a curriculum).
- c. The written program description must be revised to keep it current and relevant. The program design and/or structure must be approved by the RRC as part of the regular review process. Residents should be involved in creating and revising the document, and the program-approved document should be distributed to and discussed with all residents, particularly as they start new rotations.
- d. The focus of the written program description should be the resident's patient-based care experiences. All major categories of residency experiences or rotations should be included in the written program description, including ambulatory care, general inpatient services, acute care units, subspecialty assignments, emergency medicine, and consultation services. For each category, the written description should include its educational purpose, rationale, or value; the principal teaching methods; the most important educational content, including the mix of diseases, patient characteristics, and types of clinical encounters, procedures, and services; the principal ancillary education materials to be used (eg, reading lists, pathological material); and the methods to be used in evaluating both resident and program performance. The document should identify both the strengths and the limitations specific to the resources of the sponsoring institution.
- e. The ability to care for patients with a wide range of clinical problems is one of the distinguishing characteristics of the internist. This ability is fostered by experience on general medical services, both inpatient and outpatient, with exposure to a wide spectrum of diseases in various stages of acuity. The etiology, pathogenesis, clinical presentation, and natural history of various diseases must be taught so that the resident has the opportunity to develop an advanced level of skill in diagnosis as well as mature judgment and resourcefulness in therapy.
- f. Emphasis must be placed on enhancement of the interviewing, communication, and interpersonal skills that are necessary to (a) elicit and record a thorough and accurate history, (b) establish and maintain a therapeutic physician-patient relationship, and (c) initiate and implement optimal medical management.
- g. Residents also must be given the opportunity to develop a high level of physical examination skills. Residents must be supervised and evaluated in these functions.
- h. Because the team approach is an important aspect of the practice of internal medicine, residents should be given the opportunity to function in harmony with other members of the health-care team and to become proficient as leaders in the organization and management of patient care.
- i. The training program must place emphasis not only on medical problems but also on health promotion, cultural, socioeconomic, ethical, occupational, environmental, and behavioral

issues. In addition, the impact of illness on other aspects of life, with special emphasis on the family, must be stressed. Residents must develop the ability to treat patients humanistically.

- j. The residency must be mainly an educational experience. Service responsibilities should be limited to patients for whom a resident bears major diagnostic and therapeutic responsibility. Residents must have continuing responsibility for most of the patients they admit.

##### 2. Presence of Residents From Other Specialties

Residency programs in internal medicine must be designed and implemented to train residents for careers in internal medicine. Residents from other specialties who rotate through these programs must not compromise the educational objectives of the internal medicine programs by diluting the training experience or preventing appropriate progressive responsibility for the internal medicine residents. The number of such residents who are integrated into the program, the duration of their medical rotations, and their impact on the curriculum will be assessed. For each year of training, the percentage of available trainee-months on those inpatient services used for training internal medicine residents that can be assigned to residents other than those enrolled in categorical (3-year) internal medicine programs, preliminary (1-year) internal medicine programs, and transitional-year programs sponsored by internal medicine must be calculated.<sup>1</sup>

If this percentage is higher than 25%, the program is to demonstrate to the RRC for Internal Medicine that the educational objectives underlying this requirement are not compromised. Such programs may elect to meet the educational objectives by adjusting the percentage so as not to exceed 30% through the 1994-1995 academic year and 25% for the academic year beginning July 1, 1995.

3. Presence of Internal Medicine Subspecialty Trainees and Students  
The number of internal medicine subspecialty trainees (ie, fellows) and students assigned to the teaching services must not be so large as to compromise the educational objectives of the medical residency.

##### 4. Peer Interaction

In addition to interaction with the teaching faculty, peer interaction is essential to the learning process. The number of internal medicine residents in the program must be sufficient to provide for frequent and meaningful discussions regarding patient care. To provide adequate peer interaction, a program must have a minimum of 12 residents. On inpatient rotations, residents at more than one level must interact in the care of patients.

##### 5. Meaningful Patient Responsibility

- a. The development of mature clinical judgment requires that residents, properly supervised, be given responsibility in patient care commensurate with their ability. Residents must be given the responsibility for decision making and for direct patient care in all settings, subject to review and approval by the attending physician, including planning, record keeping, order writing, and continuing management. Each resident must be assigned to internal medicine rotations that provide a minimum of 24 months of meaningful patient responsibility.
- b. Time spent on consulting services, during which the resident has ongoing, supervised responsibility for direct patient care,

1. Excluded entirely from this limitation are residents from any program who receive training in internal medicine on services to which no internal medicine residents at any level of training are concurrently assigned. Thus, those institutions desiring to offer more internal medicine training to residents from other disciplines than can be accommodated within this requirement may do so by appropriate allocation of resources available for internal medicine.

including planning, record keeping, order writing, and management, can be credited as meaningful patient responsibility. Time spent providing care strictly in the capacity of a consultant cannot be so credited.

- c. Of the 24 months of meaningful patient responsibility, at least 20 must occur in (1) inpatient services in which disorders of general internal medicine are managed; (2) inpatient services in which disorders of one or more subspecialties of internal medicine are managed; (3) emergency medicine, general medical, or subspecialty ambulatory settings; (4) dermatology or neurology services.
- d. Appropriate supervision by faculty must be provided for all patient care activities in which residents are engaged. The program director must prepare explicit, written descriptions of lines of responsibility for the care of patients on each type of teaching service (eg, general medical floors, acute care units, ambulatory settings) and make these clear to all the members of teaching teams. Residents must be provided with rapid, reliable systems for communicating with supervising attending physicians and residents. Supervising residents with documented experience appropriate to the acuity, complexity, and severity of patient illness must be available at all times on site. Attending physicians also must be readily accessible to participate in diagnostic and management decisions. Additional personnel must be available within appropriate time intervals to perform or supervise necessary technical procedures.
- e. Residents cannot be expected to show appropriate growth in understanding patient care responsibilities if others write orders for patients under the residents' care. To enhance the communication required for a teaching/learning relationship that fosters this progressive growth and understanding, residents should write all orders for patients under their care. The program director must develop a policy that ensures the appropriate level of dialogue between attending physicians and residents on which this teaching relationship depends.

#### 6. Progressive Responsibility

With each year of training, the degree of professional and administrative responsibility accorded to a resident must be increased progressively. This progression includes responsibility in such areas as patient care, leadership, teaching, organization, and administration. This goal can be achieved by having senior residents supervise junior residents or act as consultants to junior residents, particularly in the subspecialty areas on inpatient services. On ambulatory services or experiences, progressive responsibilities can be given senior residents through care for additional patients or by less-intense supervision. This does not lessen the requirement for on-site faculty supervision of all patient encounters. Residents from other disciplines must not supervise internal medicine residents on internal medicine services.

#### 7. Duty Hours and Personal Responsibility

- a. Physicians must have a keen sense of personal responsibility for continuing patient care, and must recognize that their obligation to patients is not automatically discharged at any given hour of the day on any particular day of the week. In no case should the resident go off duty until the proper care and welfare of the patients have been ensured. Duty hours and night and weekend call for residents must reflect the concept of responsibility for patients and must provide for adequate patient care. However, residents must not be required regularly to perform excessively difficult or prolonged duties. When averaged over 4 weeks, residents should spend no more than 80 hours per week in patient care duties in the residency program. Residents at all levels should be on call no more often than every

third night and, on average, should have the opportunity to spend at least 1 day out of 7 free of patient care duties in the residency program. There should be adequate opportunity to rest and sleep when on call for 24 hours or more. There should be adequate backup so that patient care is not jeopardized during or following assigned periods of duty. In emergency medicine continuous duty should not exceed 12 hours, with such duty periods separated by at least 8 hours.

- b. Residency is a full-time responsibility. Activities outside the educational program must not interfere with the resident's performance in the educational process.

### B. Formal Teaching Program

#### 1. Rounds

##### a. Teaching Rounds

- 1. Patient teaching rounds are essential. Although management issues frequently arise during teaching rounds, such rounds should focus on issues more general than the immediate management of patients assigned to the residents' care. Teaching rounds must be regularly scheduled, and must be conducted on a formal basis on at least 3 days of the week for a minimum of 4½ hours per week. Generally, a few cases are presented on teaching rounds as a basis for discussion of such points as interpretation of clinical data, pathophysiology, differential diagnosis, specific management of the patient, and the appropriate use of technology. Teaching rounds must include direct bedside interaction with the patient by the residents and the scheduled teaching physician. These bedside sessions should include personal evaluation of the history and physical examination by the teaching physician. It is of fundamental importance that the dignity of the patient/physician relationship be preserved and emphasized. The faculty members conducting teaching rounds should be selected for their knowledge of medicine, their clinical skills, and their interest and ability in teaching.

- 2. To facilitate bedside teaching, a single teaching attending physician should not be assigned more than six residents and medical students in total. Even under extreme circumstances, a single teaching attending physician must not have responsibility for more than 10 residents and students at a time.

##### b. Management Rounds by the Physician of Record

Each physician of record has the responsibility to interact at appropriate intervals with his or her patients and to communicate effectively and frequently with the resident staff participating in the care of these patients. When the physician of record is the personal physician of the patient, this communication is best achieved by making management rounds on his or her patients at least daily with at least one member of the resident team. The resident must not be required to relate to so many personal physicians as to interfere with the educational experience of the resident. Management rounds by the physician of record are not time-limited and must be commensurate with the needs of the patient. Although management rounds may offer many educational opportunities, they are not to be confused with or to take the place of separate teaching rounds. Management rounds by the physician of record also should not interfere with resident "work" rounds.

#### 2. Conferences and Seminars

- a. Departmental conferences, seminars, and literature review activities covering both general medicine and the medical subspecialties must be conducted regularly and sufficiently often to fulfill educational goals. The conference schedule must be structured to provide, at a minimum, a core curriculum deal-

ing with major topics in general internal medicine (including issues arising in ambulatory and extended care settings), with major topics in the medical subspecialties and with the basic procedural skills necessary for the practicing general internist. The core curriculum should be repeated often enough to afford each resident an opportunity to participate fully.

- b. Conferences should include information from the basic medical sciences with emphasis on the pathophysiology of disease and reviews of recent advances in clinical medicine and biomedical research. Conferences correlating current pathological material, including material from autopsies, surgical specimens, and other pathology material, with the clinical course and management of patients must be held at least monthly.
- c. Conferences should promote interchange of information among members of the department. Active resident and faculty participation in both the planning and the production of conferences is essential.
- d. Each resident must attend at least 60% of those conferences designated by the program director as required. Appropriate records of resident attendance must be maintained.

### 3. Self-Assessment

Program directors should encourage each resident to use formal self-assessment techniques as an educational tool for monitoring his or her own progress toward the program's learning objectives. Toward this end, program directors should provide opportunities for residents to participate in in-training examinations, self-study courses, and/or other strategies.

### 4. Basic Sciences

Study of the basic medical sciences must be part of the clinical education of the resident. This is most effectively accomplished in discussion of patient care and in formal conferences. Resident preparation for conferences should include review of basic science knowledge pertinent to the specific clinical topics.

## C. Specific Training Experiences

### 1. Experience With Ambulatory Patients

- a. Experience in the ambulatory care setting provides for appreciation of the natural history of disease and familiarity with common problems encountered in the practice of internal medicine. Such experience also enables the resident to become familiar with early manifestations of disease, as well as with those social, economic, preventive, occupational, and psychiatric aspects of disease not apparent in hospitalized patients. The residents' ambulatory care learning experience should include the opportunity to develop diagnostic and therapeutic skills and the appropriate professional attitudes in the care of general internal medicine patients.
- b. Ambulatory experiences must include first-contact, comprehensive, and continuing care covering the broad spectrum of disease. At least 25% of the 3 years of residency training must be in the ambulatory care setting.<sup>2</sup> Examples of settings that may be counted toward this requirement are general medicine continuity clinics, subspecialty clinics, ambulatory block rotations, physicians' offices, managed health care systems, emergency medicine, "walk-in" clinics, neighborhood health clinics, and home-care visits.
- c. At least half of the residents' ambulatory care experience should deal with general internal medicine patients. Some of

the experience may also entail the various medical subspecialties as well as related medical specialties (eg, orthopedics, gynecology, otorhinolaryngology, dermatology, psychiatry).

- d. Meaningful ambulatory care experience must occur in each of the 3 years of residency training. Continuing care experience is essential to provide the opportunity to observe and to learn the natural course of disease. The program must provide residents with continuity experience in an ambulatory care setting at least ½ day each week, except when the resident is assigned to an intensive care unit or to emergency medicine. Each resident must have the opportunity to follow patients on a long-term basis. Such long-term observation should include following patients from the ambulatory to the inpatient environment as well as from the inpatient to the ambulatory environment.
  - e. Arrangements should be made to minimize interruptions of the resident during the continuity experience. Block rotations to ambulatory settings are desirable to supplement continuity experience.
  - f. The patient volume in the ambulatory environment must be large enough to provide adequate numbers of new patients, yet not so large as to interfere with teaching. In general medicine settings, appropriate patient loads should, on average, be not less than one nor more than two new patients and not less than three nor more than six return patients per ½-day session for each first-year resident. More experienced residents may see greater numbers of patients each session.
  - g. The conditions under which ambulatory patients are managed should be similar to those of office practice. Residents must be able to obtain appropriate consultation from other specialties in a timely fashion for their ambulatory patients. There must be adequate services available from and collegial relationships with other health-care professionals such as nurses, social workers, and dietitians. Such training may take place in a variety of settings, including the offices of practicing physicians, provided that residents are given meaningful responsibilities and that adequate space and associated personnel are available.
  - h. Residents must be supervised in all ambulatory settings by on-site faculty whose primary responsibilities in that setting are supervision and teaching. Each patient encounter should be supervised. It is desirable that such supervision be provided by physicians experienced in the broad field of general internal medicine. The program director may assign experienced and qualified (ie, board certified or equivalent) practitioners from other specialties (eg, family medicine) to participate as teachers in the ambulatory setting. One faculty member must be responsible for no more than three first-year residents and six second-year or third-year residents. In all circumstances, the supervision as well as the quality of the educational experience must be documented, and the clinical and learning experiences will be subject to evaluation.
- ### 2. Experience With Hospitalized Patients
- a. Inpatient assignments in which the resident has meaningful responsibility should be of sufficient duration to permit continuing care of a majority of the patients throughout hospitalization. Each assignment must last at least 4 weeks, with the exception of those in emergency medicine or critical care units. Bedside teaching is essential, and the service should be designed to utilize this teaching mode in a comfortable and dignified manner for both residents and patients. A geographic concentration of inpatients assigned to a given resident is desirable because it promotes effective teaching and fosters meaningful interaction with other health personnel.

2. In assessing the contribution of various ambulatory experiences toward the 25% minimum, the following guidelines can be used: ½ day per week assigned to an ambulatory setting throughout all 3 years of training is equivalent to 10%; a 1-month block rotation is equivalent to 3%; 1 full day per week throughout a single year of training is equivalent to 7%.

- b. The number of patients assigned to each first-year resident must be such as to permit detailed study and effective management of each patient, yet ensure that the residents are challenged with diverse and complex problems. A first-year resident should be responsible for no more than five new admissions per admitting day. When the number of admissions to an admitting team is excessive, it is appropriate for the second-year or third-year resident to assume primary patient responsibility for some admissions.
- c. First-year residents should not be assigned more than eight new patients in any 48-hour period. A lower number is appropriate in critical and intensive care situations.
- d. On average, a first-year resident should be responsible for the ongoing care of eight to twelve patients, depending on the average length of stay and the nature and severity of illness. Second-year and third-year residents are expected to care for more patients than are first-year residents.
- 3. Subspecialty Experience**  
Education in the various subspecialties of internal medicine is a vital part of the training program. Rotations on these subspecialties should be at least 4 weeks in duration. Although it is not necessary that each resident be assigned to every subspecialty, it is important that each resident be exposed sufficiently to the specialized knowledge and diagnostic and therapeutic methods of each of the recognized medical subspecialties. At a minimum, residents should become familiar with those aspects of care in each subspecialty area that are appropriately diagnosed and managed by general internists and with those that should be referred to, or managed jointly with, subspecialists. This experience should be gained in both inpatient and ambulatory settings. Subspecialty resources must include an adequate professional and teaching staff and appropriate, specialized laboratory and technical facilities.
- 4. Consultative Experience**  
Internists must be able to act as consultants to other physicians. The residents' experience must include the opportunity to act under supervision as a consultant to other clinical services. This requirement is best satisfied by a specific assignment as a general medical consultant to other services. The principles involved in consultation should be included in the formal curriculum.
- 5. Geriatric Medicine**  
Resident experience must include formal teaching and regular, supervised clinical activities in geriatric medicine. Assignments to geriatric services must be offered, and are defined as specifically designated geriatric inpatient units, geriatric consultation services, nursing homes, geriatric ambulatory care clinics, and/or home care.
- 6. Emergency Medicine Experience**
- Internal medicine residents assigned to emergency medicine must have first-contact responsibility for a sufficient number of unselected patients to meet the educational needs of internal medicine residents. Triage by other physicians prior to this contact is unacceptable. Internal medicine residents must be assigned to emergency medicine for at least 4 weeks of direct experience in blocks of not less than 2 weeks during the first or second year of residency. Further, they must have meaningful responsibility for patients, including participation in the diagnosis and management across the broad spectrum of adult patients with medical and surgical illnesses such that they are provided the opportunity to learn how to discriminate which patients require hospitalization. Furthermore, they must participate meaningfully in the diagnosis, management, and admitting decisions for patients who range across the broad range of adult medical and surgical illnesses. They must be provided the opportunity to learn how to recognize these patients.
  - Senior (third-year) residents in internal medicine must have additional assigned experience in emergency medicine. Their responsibility must include meaningful participation in reaching decisions about admissions.
  - Total emergency medicine experience must not exceed 3 months in 3 years of training for any resident.
  - Internal medicine residents assigned to rotations on emergency medicine must have on-site, 24-hour, daily supervision by qualified faculty. Residents must not be assigned to duty more than 12 consecutive hours separated by intervals of at least 8 hours. The rotations must be conducted in accordance with a defined teaching program carried out by assigned faculty. Both the program and the faculty must be acceptable to the program director in internal medicine. Consultations from other specialties must be readily available, and residents in internal medicine should provide consultations to residents in other disciplines within emergency medicine.
- 7. Critical Care Unit Experience**  
Residents must participate directly in the care of patients with various illnesses in critical care units (eg, intensive care units, cardiac care units, respiratory care units). The educational component must be conducted with adequate supervision by appropriately trained internists and with consultation by subspecialists in internal medicine and specialists in other disciplines. There must be critical care unit teaching rounds and conferences acceptable to the program director in internal medicine. The critical care unit experience must not exceed 6 months in 3 years of training for any resident.
- 8. Adolescent Medicine**  
Residents should gain experience in caring for adolescent patients, particularly in ambulatory settings. Structured patient care experiences directed by faculty are encouraged in advising young patients in health promotion, family planning and human sexuality, and sexually transmitted diseases. In addition, training in chemical dependency, sports medicine, and school health issues is recommended.
- 9. Experience in Other Specialties**  
Residents should have sufficient experience in neurology, psychiatry, dermatology, medical ophthalmology, otorhinolaryngology, orthopedics, office gynecology, and rehabilitation medicine to become familiar with those aspects of care in each specialty area that are appropriately diagnosed and managed by general internists and with those that should be referred to, or managed jointly with, other specialists. These experiences may be obtained on non-internal medicine services (inpatient or ambulatory care settings) or in close contact with consulting attending physicians from these specialties who advise and teach residents in internal medicine.
- 10. Procedures and Technical Skills**
- Procedures**  
Residents must be provided structured opportunities to (1) learn the indications, contraindications, complications, and limitations of specific procedures; (2) develop technical proficiency in performing these procedures; and (3) learn to interpret the results of specific procedures. The training program should establish educational standards pertaining to the provision of learning opportunities for each resident.
  - Procedures should be divided into two categories: Required and elective.**
    - Required: At a minimum, all residents must be given an opportunity to develop competency in performing basic or

advanced cardiopulmonary resuscitation, access techniques to obtain venous and arterial blood, arthrocentesis of the knee, bladder catheterization, central venous line placement, nasogastric intubation, lumbar puncture, abdominal paracentesis, and abdominal thoracentesis.

2. Elective: The opportunity to learn additional procedural skills will be determined by the training environment, resident's practice expectations, availability of skilled teaching faculty, and privilege delineation. These procedures may include but are not limited to arterial line placement; bone marrow aspiration; elective cardioversion; endotracheal intubation, flexible sigmoidoscopy, pulmonary artery balloon flotation catheter placement; skin biopsy (punch); temporary pacemaker placement; ambulatory electrocardiographic interpretation; and treadmill exercise testing, supervision, and interpretation.

c. Interpretative Skills

At a minimum, all residents must be given an opportunity to develop competency in interpretation of electrocardiograms, chest roentgenograms, Gram stains of sputum, microscopic examinations of urine and of vaginal discharge for *Monilia* and *Trichomonas*, and spirometry.

11. Special Educational Experiences

The internal medicine component of special educational tracks must be conducted under the auspices of the Department of Medicine; supervisors of such tracks must report directly to the internal medicine program director. Although differences in emphasis may exist in such tracks, the core experience of residents should provide sufficient training in both inpatient and ambulatory general internal medicine to permit the graduates of such special tracks to function as general internists. The RRC evaluates special educational tracks as part of internal medicine programs in the accreditation process.

D. Professional Ethical Behavior

1. Physician Accountability

In addition to mastering medical skills, residents are expected to acquire the values of professionalism. These values include placing the needs of one's patients ahead of one's self-interest, being responsive to the needs of society, maintaining a commitment to scholarship, and enhancing the ability of all colleagues in the health profession to discharge their responsibilities optimally. Beyond possessing medical knowledge and applying it, appropriate medical practice entails the application of judgment, art, and values learned from mentors and role-model clinicians. Service to one's community is an important component of professionalism. Residents, therefore, should be asked to participate in institutional committees and encouraged to participate in professional organizations and community programs. Thus, training programs must provide an environment in which high standards of professionalism and a commitment to continued improvement are evident.

2. Humanistic Qualities

Physicians must have the welfare of their patients as their primary professional concern. The resident must, therefore, demonstrate those humanistic qualities that foster the formation of appropriate patient/physician relationships. These qualities include integrity, respect, compassion, professional responsibility, courtesy, sensitivity to the patient's needs for comfort and encouragement, and an appropriate professional attitude and behavior toward colleagues. These attributes should be emphasized throughout the curriculum, and must be evaluated by faculty, peers, and others during clinical encounters.

3. Physician Impairment

Residents must be instructed in the recognition and management of impairment, including substance abuse, alcohol, depression, dementia, and other mental emotional and physical disorders in their peers, as well as in the principles and methods of active intervention.

4. Professional Ethics

The training program has the responsibility to foster commitment by its residents to professional ethics. This includes the demonstration of the high standard of moral and ethical behavior within the clinical setting that is expected of the medical profession.

E. Special Educational Requirements

1. Clinical Ethics

Residents must be taught the principles of bioethics as applied to medical care and must participate in decisions involving ethical issues that arise in the diagnosis and management of their patients. Residents must also be taught the basic legal principles inherent in the practice of internal medicine, including issues of informed consent, living wills, patient advocacy, and related state laws concerning patients' rights.

2. Quality Assessment, Quality Improvement, Risk Management, and Cost Effectiveness in Medicine

Residents must receive formal instruction regarding the principles, objectives, and processes of quality assessment and improvement and risk management. Residents must be taught the social and economic impact of their decisions on patients and society. Always maintaining the primacy of the individual patient's needs, residents must be taught to be sensitive to the cost of medical care.

3. Preventive Medicine

Screening for disease, disease prevention, maintenance of general health, and health promotion must be emphasized in the curriculum. Residents must become familiar with occupational and environmental disease processes and with methods for their control.

4. Medical Information Sciences

- a. Residents must receive instruction in the critical assessment of medical literature, in clinical epidemiology, in clinical study design, in medical statistics, and in clinical decision theory.
- b. Each resident must be given the opportunity to learn basic computer skills. Instruction should include (1) an introduction to computer capabilities and medical applications, (2) basic techniques for electronic retrieval of medical literature, (3) computer-assisted medical instruction, and (4) electronic information networks.

5. Law and Public Policy

Residents will practice medicine in an environment shaped by law and public policy. Therefore, residents should be taught the basic principles of legal medicine and government regulation at local, state, and national levels, including the processes by which such laws and regulations are developed.

F. Research and Scholarly Activities

1. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

- a. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.

- b. Participation in journal clubs and research conferences.
  - c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - f. Provision of support for resident participation in scholarly activities.
2. Prior to the completion of training, each resident must demonstrate some form of acceptable scholarly activity. Scholarly activities may include original research, comprehensive case reports, or review of assigned clinical and research topics.

#### IV. Evaluation

##### A. Residents

###### 1. Formative Evaluation

- a. It is essential that the program director evaluate the clinical competence of the residents on a regular basis. The evaluation must include not only intellectual abilities and manual skills but also attitudes and interpersonal relationships. The resident must be closely observed performing specific tasks of patient management such as the history and physical examination, choice of diagnostic studies, formulation of differential diagnosis or problem lists, development of plans for short-term and long-term medical management, invasive procedures, and discharge planning. It is recommended that a structured clinical evaluation exercise, such as that described in the American Board of Internal Medicine's "Guide to the Evaluation of Residents," be conducted on a yearly basis for each resident.
- b. Records must be maintained by documentation logbook or by an equivalent method to demonstrate that residents have had adequate experience with invasive procedures. Records should state the indications and complications and include the name of the supervising physician. Such records should be of sufficient detail to permit use in future credentialing.
- c. Residents must be evaluated and their performance reviewed with them upon completion of each rotation period. Formal counseling must occur at least semiannually. Adequate records of the evaluation and counseling process must be maintained for each resident. Such records must be available in the resident's file and must be accessible to the resident.

###### 2. Summative Evaluation

The program director must prepare a detailed, written evaluation of the clinical competence of each resident annually and at the conclusion of the resident's period of training in the program. Such evaluations must stipulate the degree to which the resident has mastered each component of clinical competence (ie, clinical judgment, medical knowledge, clinical skills, humanistic qualities, professional attitudes and behavior, and provision of medical care) and has acquired proficiency in each of the various procedural skills identified in the program's curriculum. A record of the evaluation must be maintained in the program files to substantiate future judgments provided to hospital credentials committees, certifying boards, licensing agencies, and other appropriate bodies. In the event of an adverse annual evaluation, residents must be offered the opportunity to address judgments of academic deficiencies or misconduct before an appropriately constituted clinical competence committee. Academic due process provides fundamental fairness to the resident and protects the institution by assuring accurate, proper, and definitive resolution of disputed evaluations.

##### B. Faculty and Program

###### 1. Resident Evaluation of Faculty and Program

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents. Provision must be made for residents to evaluate the faculty and the program annually. The results of such evaluations should be used for faculty counseling and for selecting faculty members for specific teaching assignments.

###### 2. Certifying Examination

One measure of the quality of a program is the performance of its graduates on the certifying examination of the American Board of Internal Medicine. It is expected that a program's graduates will achieve a pass rate of at least 50% for first-time takers of the examination for the most recent, defined 3-year period, and at least 75% of those completing their training in the program should take the examination.

##### V. Certification

Residents who plan to seek certification by the American Board of Internal Medicine should communicate with the registration section of the board regarding fulfillment of requirements for certification. One must be certified in internal medicine prior to seeking certification in a subspecialty.

*ACGME: February 1993 Effective: July 1995*

## Policies and Procedures for Residency Education in the Subspecialties of Internal Medicine

- 1. As a general rule, subspecialty programs will be surveyed and reviewed in conjunction with the parent residency program in internal medicine. In the case of applications, or as determined by the Residency Review Committee (RRC), a subspecialty program may be surveyed and reviewed separately.
- 2. Subspecialty program information forms will be distributed to the director of the parent internal medicine residency program, who will coordinate the collection of information, completion of the forms, and submission of required materials to the RRC for all subspecialty programs to be reviewed.
- 3. The survey may be conducted by a member of the Field Staff, or by a specialist selected by the RRC. The surveyor will submit a report on the internal medicine residency program as well as on each of the subspecialty programs under review.
- 4. Subspecialty programs will be designated as "accredited" or "non-accredited." No other delineation of accreditation categories will be used. The accreditation status of subspecialty programs will be directly related to that of the parent internal medicine program as follows:

- a. Applications for accreditation of new subspecialty programs will be considered only if the parent residency program in internal medicine carries the status of full accreditation.
- b. Applications for accreditation of new subspecialty programs will not be considered if the parent residency program in internal medicine is (1) accredited on a provisional or probationary basis; and (2) involved in the process of implementing appeal procedures.
- c. When a subspecialty program is found not to be in substantial compliance with the *Essentials of Accredited Residencies*, the program director will be warned that accreditation will be withdrawn if the program is found not to be in substantial compliance with the *Essentials* at the time of the next scheduled review, regardless of the accreditation status of the parent internal medicine program.
- d. If the parent internal medicine program is accredited on a probationary basis, or accredited on a provisional basis with a warning that adverse action will be taken if the program is not in substantial compliance with the *Essentials of Accredited Residencies* at the time of the next scheduled review, the subspecialty programs will be informed that their accreditation status is in jeopardy.

Thereafter, accreditation of the subspecialty programs will be administratively withdrawn if the RRC (a) continues accreditation of the parent residency program in internal medicine on a probationary basis beyond 2 years; (b) withdraws accreditation of the parent residency program in internal medicine.
- e. Withdrawal of accreditation of the parent internal medicine residency program under circumstances other than those described above will also result in simultaneous withdrawal of all subspecialty programs.
5. In case of withholding accreditation or withdrawing accreditation of subspecialty programs, the "Procedures for Appeal of Adverse Actions" apply.

Effective: October 1988

## Program Requirements for Residency Education in the Subspecialties of Internal Medicine

### I. General Information

- A. Subspecialty training in internal medicine is a voluntary component in the continuum of the educational process; such training should take place on satisfactory completion of an accredited program in internal medicine.
- B. To be eligible for accreditation, a subspecialty program must function as an integral part of an accredited residency program in internal medicine. There must be a reporting relationship from the leadership of the subspecialty program to the department chairman or his or her designee. The discipline must be one for which a certificate of special qualifications or a certificate of added qualifications is offered by the American Board of Internal Medicine. (The information herein applies to subspecialty disciplines in internal medicine as well as to disciplines for which a certificate of added qualifications is offered by the American Board of Internal Medicine. For editorial purposes, the term *subspecialty* is used throughout the document for both types of training programs.)
- C. Programs of graduate education in the subspecialties of internal medicine may be accredited only in institutions that sponsor a

residency program in internal medicine accredited by the Accreditation Council for Graduate Medical Education. Applications for accreditation of new subspecialty programs will not be considered if the parent residency program in internal medicine is accredited on a provisional or probationary basis. Sponsoring institutions also must have a meaningful affiliation with a Liaison Committee on Medical Education (LCME)-accredited medical school and/or demonstrate equivalent commitment to education and research. The program design and/or structure must be approved by the appropriate review committee as part of the regular review process.

- D. Graduate education in the subspecialties of internal medicine requires a major commitment to education by the sponsoring institution. Evidence of such a commitment must include each of the following:
  1. At least two residents enrolled at all times to ensure peer interaction among internal medicine subspecialty residents that enhances the educational experience.
  2. Sponsorship of significant research by the primary training site.
  3. Sponsorship of a minimum of three accredited subspecialty programs by the primary training site.<sup>1</sup> Such sponsorship is required to ensure:
    - a. The faculty resources, curriculum, and formal didactic experiences required for subspecialty training.
    - b. The extensive educational, patient care, and research resources that are essential to the learning environment for subspecialty residents.
    - c. Appropriate peer interaction among subspecialty residents.
    - d. Appropriate institutional and interdisciplinary research resources and opportunities.

### II. Educational Programs

- A. Subspecialty programs must provide advanced training to allow the resident to acquire expertise as a consultant in the subspecialty.
- B. All major dimensions of the curriculum should be structured educational experiences for which written goals and objectives, a defined methodology for teaching, and an explicit method of evaluation are documented. The curriculum must ensure the opportunity for residents to achieve the cognitive knowledge, psychomotor skills, interpersonal skills, professional attitudes, and practical experience required of a subspecialist.
- C. The program must emphasize scholarship, self-instruction, development of critical analysis of clinical problems, and the ability to make appropriate decisions.
- D. The program must provide appropriate opportunity for the resident to acquire skills in the performance of the techniques required for the practice of the subspecialty.
- E. Appropriate supervision of the residents must be provided during all of their educational experiences.
- F. Participation by any institution providing more than 3 months of training in a program of less than 3 years in duration or 6 months of training in a program of 3 or more years must be approved by the appropriate review committee. The principles of education enumerated in the Program Requirements for Residency Education in Internal Medicine<sup>2</sup> and the Institutional Requirements of the *Essentials of Accredited Residencies in Graduate Medical Education* also apply for subspecialty programs. The following principles require special emphasis:

1. Internal medicine training programs in geriatric medicine are exempt.

2. Specifically, paragraphs II.A.3, II.A.6, III.A.6, and III.B.

**1. Educational Environment**

Refer to the Institutional Requirements of the *Essentials of Accredited Residencies in Graduate Medical Education* (I. Institutional Organization and Commitment) and the Program Requirements for Residency Education in Internal Medicine, Sections I and II.A.4.

**2. Duty Hours**

Refer to the Program Requirements for Residency Education in Internal Medicine, Section III.A.7.

**3. Professionalism**

Professionalism must be fostered during subspecialty training. In addition to mastering the comprehensive clinical and technical skills of the consultant subspecialist, residents are expected to maintain the values of professionalism. These values include placing the needs of one's patients ahead of one's self-interest, being responsive to the needs of society, continuing a commitment to scholarship and to high standards of related research, and enhancing the ability of all colleagues in the health professions to discharge their responsibilities optimally. Beyond possessing medical knowledge and applying it, appropriate medical practice entails the application of judgment, the art of medicine, and values learned from mentors and role-model clinicians. Service to one's community is an important component of professionalism. Residents, therefore, should be encouraged to participate in professional organizations, community programs, and institutional committees. Thus, subspecialty training programs must provide an environment in which high standards of professionalism and a commitment to continued improvement are evident.

**4. Responsibility and Professional Relationships**

Lines of responsibility must be clearly delineated for residents in subspecialty programs and for residents in internal medicine training programs. Subspecialty programs must contribute to the general internal medicine program without diluting the overall experience of the internal medicine resident. In addition, it is highly desirable that residents have a meaningful working relationship with residents in accredited programs in other disciplines such as family practice, pathology, pediatrics, radiology, and surgery. Where appropriate, qualified faculty in these disciplines should provide instruction and supervision for subspecialty residents.

**5. Quality Assessment, Quality Improvement, Risk Management, and Cost Effectiveness in Medicine**

Refer to the Program Requirements for Residency Education in Internal Medicine, Section III.E.2.

**III. Faculty****A. Program Director**

There must be a single program director responsible for the program. The subspecialty program director must be qualified to supervise and to educate residents in the subspecialty. Thus, the director must either be certified in the subspecialty or possess equivalent qualifications. Additional qualifications include the following: requisite and documented clinical, educational, and administrative abilities and experience; licensure to practice medicine in the state where the institution that sponsors the program is located (certain federal programs are exempted); and appointment in good standing to the medical staff of an institution participating in the program. The program director must devote at least 20 hours per week to the training program and must be based at the primary training site of the subspecialty program. The responsibilities of the program director include:

1. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attri-

butes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.

2. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
3. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
4. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
5. Monitor resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. The program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
6. Preparation of an accurate statistical and narrative description of the program as requested by the Residency Review Committee for Internal Medicine.

**B. Faculty**

1. The subspecialty program faculty must include a minimum of three qualified teaching faculty members, including the program director. Each must devote at least 20 hours per week to teaching, research, administration, and/or the critical evaluation of the performance, progress, and competence of the residents. These faculty must be certified in the subspecialty by the American Board of Internal Medicine or possess equivalent qualifications. For programs with more than five residents enrolled, a ratio of such faculty to residents of at least 1:1.5 must be maintained. (This is a minimum requirement and may be exceeded in certain subspecialties.)
2. The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation. An optimal environment for teaching excellence is provided when all teaching staff participate actively in (a) the clinical practice of the subspecialty, (b) their own continuing education, and (c) the activities of regional and national scientific societies. In addition, all full-time faculty will be expected to engage actively in research and in the presentation and publication of scientific studies. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

**IV. Facilities and Resources**

- A. The Program Requirements for Residency Education in Internal Medicine governing the provision of appropriate facilities also apply to subspecialty training. Unique facilities required for a particular subspecialty will be found in the Program Requirements for that subspecialty.



B. As used in this document, the primary training site shall mean the health-care facility that provides the required services, is the location of the program director's major activity, is the location where the resident spends the majority of clinical time, and is ordinarily the primary location of the core program in internal medicine.

C. Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program. In addition, refer to the Institutional Requirements of the *Essentials of Accredited Residencies in Graduate Medical Education*, II.D.

D. A sufficient number of new and follow-up patients of appropriate ages, including the adolescent and geriatric age groups, and of both sexes must be available to ensure adequate inpatient and outpatient experience for each subspecialty resident without diluting the experience of the residents in the general internal medicine residency program.

## V. Specific Program Content

Subspecialty programs must include the following educational components:

### A. Patient Care Experience

#### 1. General Internal Medicine

Programs must provide appropriate and structured opportunities for residents to maintain their skills in general internal medicine.

#### 2. Subspecialty Medicine

a. The available inpatient and ambulatory care patient population must provide experience with those illnesses that are encompassed by, and help to define, the subspecialty.

b. Subspecialty training programs should enhance the ambulatory experience of general internal medicine residents through mechanisms such as cross-referral designed to maximize both the quality of patient care and shared educational opportunities.

c. Experience in ambulatory settings that includes consultative as well as continuing care must occur at least  $\frac{1}{2}$  day each week throughout at least 18 months of a 24-month training program. Residents should, on average, be responsible for not less than one nor more than three new patients and not less than three nor more than six return patients during each  $\frac{1}{2}$ -day session. (This is a minimum requirement and may be exceeded in certain subspecialties.)

### B. Consultation Experience

Subspecialty residents must have the appropriate supervised experience to develop skills in providing consultation services, communicating with referring physicians and other members of the health-care team, and ensuring support for continuous care by the patient's primary physician.

### C. Teaching Experience

The program must provide residents with the opportunity to teach medical students, physicians, and other professional personnel.

### D. Conferences

Conferences must be conducted regularly as scheduled and must be attended by all available faculty and residents. At a minimum, there should be at least one clinical conference, one basic science conference, one literature review conference (journal club), and one research conference each month. Residents must actively request autopsies and participate in formal review of gross and microscopic pathological material from patients who have been under their care. It is essential that residents participate in planning and in conducting conferences. Faculty and resident attendance and participation at multidisciplinary conferences is also expected.

### E. Procedures

Residents must develop a comprehensive understanding of the indications, contraindications, limitations, complications, techniques, and interpretation of results of those technical procedures integral to the discipline. Residents must acquire knowledge of and skill in educating patients about the technique, rationale, and ramifications of procedures and in obtaining procedure-specific informed consent. Faculty supervision of residents in their performance is required, and each resident's experience in such procedures must be documented by the program director.

### F. Occupational Safety and Health Administration (OSHA) and Healthcare Regulations

Residents must have formal instruction in current OSHA regulations and universal precautions and protection of health-care workers.

### G. Critical Assessment and Decision Sciences

Residents must have instruction in the evaluation of medical literature, clinical epidemiology, clinical study design, relative and absolute risks of disease, medical statistics, and medical decision making.

### H. Continuous Quality Improvement

Residents are expected to have instruction and experience in the principles, objectives, and processes of quality assessment and improvement and risk management.

### I. Psychosocial, Economic, and Ethical Issues

Training must include cultural, social, family, behavioral, and economic issues, such as confidentiality of information, indications for life-support systems, and allocation of limited resources. Residents must be taught the social and economic impact of their decisions on patients, the primary care physician, and society.

### J. Educational and Counseling Skills

Residents should have instruction and experience in patient counseling skills and community education. This training should emphasize effective communication techniques for diverse populations, as well as organizational resources useful for patient and community education.

### K. Research

As part of the academic environment, an active research component must be included within each accredited subspecialty program. The program must ensure meaningful, supervised research experience with appropriate protected time for each resident, while maintaining the essential clinical experience. Recent productivity by the program faculty and by the residents will be required, including publications in peer-reviewed journals. Residents must learn the design and interpretation of research studies, responsible use of informed consent, and research methodology and interpretation of data. The program must provide instruction in the critical assessment of new therapies and of the medical literature. Residents should be advised and supervised by qualified staff members in the conduct of research.

### L. Other Scholarly Activities

The resident should make presentations at lectures, medical grand rounds, journal club, and other conferences.

## VI. Evaluation

### A. Residents

#### 1. Formative Evaluation

Subspecialty program directors must establish procedures for evaluating and documenting the clinical and technical competence of subspecialty residents. These procedures must include

observation, assessment, and substantiation of residents' comprehensive and specialized medical knowledge and provision of medical care, including advanced skills in history-taking, physical examination, clinical judgment, management, and consultation, and their ability to critically analyze clinical situations and make medical decisions. The program must also evaluate residents' technical proficiency, communication, humanistic qualities, professional attitudes and behavior, and commitment to scholarship as demonstrated within the clinical setting.

Records must be maintained by documentation logbooks or an equivalent method to demonstrate that subspecialty residents have had adequate experience with invasive procedures. Records should state the indications and complications and include the name of the supervising physician. Such records must be kept in sufficient detail to permit use in future credentialing.

Regular and meaningful feedback to subspecialty residents about their performance is essential to their continuing growth and development as subspecialty internists. There must be regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. Residents must be evaluated and their performance reviewed with them on completion of each rotation period. At least semiannually, the program must provide to the resident structured feedback on performance, including appropriate counseling and other necessary remedial effort. Adequate records of the evaluation and counseling process must be maintained for each resident. Such records must be available in the resident's file and must be accessible to the resident.

## 2. Summative Evaluation

The program director must prepare a detailed, written evaluation of the clinical competence of each subspecialty resident annually and/or at the conclusion of the resident's period of training in the program. Such evaluations must stipulate the degree to which the resident has mastered each component of clinical competence (ie, clinical judgment, medical knowledge, clinical skills, humanistic qualities, professional attitudes and behavior, and provision of medical care), and has acquired proficiency in each of the various procedural skills identified in the program's curriculum. A record of the evaluation must be maintained in the program files to substantiate future judgments provided to hospital credentials committees, certifying boards, licensing agencies, and other appropriate bodies. Residents must be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth. In the event of an adverse annual evaluation, residents must be offered the opportunity to address judgments of academic deficiencies or misconduct before an independent, appropriately constituted clinical competence committee. Academic due process provides fundamental fairness to the resident and protects the institution by ensuring accurate, proper, and definitive resolution of disputed evaluations.

## B. Faculty and Program

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available

to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents. Provision must be made for residents to evaluate confidentially the faculty and the training program formally in writing at least annually. The results of such evaluations should be used for faculty counseling and for selecting faculty members for specific teaching assignments.

## VII. Program Requirements

The Program Requirements for training programs in a specific subspecialty may exceed the minimum requirements set forth above.

*ACGME: June 1993 Effective: July 1995*

## Program Requirements for Residency Education in Cardiovascular Disease

### I. Educational Program

A subspecialty educational program in cardiology must be organized to provide training and experience in the evaluation and management of a wide variety of patients with acute and chronic cardiovascular conditions including chronic coronary heart disease, congestive heart failure, arrhythmias, acute myocardial infarction and other acute ischemic syndromes, lipid disorders, hypertension, cardiomyopathy, valvular heart disease, pulmonary heart disease, peripheral vascular disease, infections and inflammatory heart disease, and adult congenital heart disease. The training and experience must be at a sufficient level for the resident to acquire the competency of a specialist in the field. The training program must be 3 years in duration. There should be a minimum of one resident per training year, yielding a minimum of three residents.

### II. Faculty

The program must provide a minimum of four teaching faculty. In programs with a total of more than six trainees, for each 1.5 residents there must be no less than one faculty member who must devote at least 20 hours per week to teaching, research, administration, and/or the critical evaluation of the performance, progress, and competence of the residents. The program director and faculty should be certified by the American Board of Internal Medicine in the subspecialty of cardiovascular disease or possess equivalent qualifications.

### III. Facilities and Resources

Modern facilities to accomplish the overall educational program must be available and functioning. These include inpatient, ambulatory care, and clinical and research laboratory resources. Specifically, there must be laboratories in which cardiac hemodynamics, angiography, percutaneous transluminal coronary angioplasty, invasive electrophysiologic studies, and other interventional procedures are performed. There must be laboratories that provide resources for electrocardiography, ambulatory electrocardiogram (ECG) recording, exercise testing, echocardiography (including Doppler and transesophageal studies), and radionuclide techniques. Other hospital resources should include facilities for assessment of peripheral vascular disease and pulmonary physiology. Critical care units must include a cardiac care unit and a cardiac surgery intensive care unit. Resources must be available for pacemaker implantation, including automatic implantable cardioverter/defibrillator follow-up. There must be a cardiac catheterization laboratory and active cardiac surgery at the primary training site.

#### IV. Specific Program Content

Cardiovascular medicine is an increasingly complex and expanding discipline. To function as consultants in cardiovascular medicine, residents must become expert in an ever-expanding body of knowledge and technological skills. This expertise will allow the resident to integrate appropriate information regarding the pathophysiology, pathogenesis, natural history, and diagnosis required for the management and prevention of diseases of the heart and blood vessels.

The goal of the training program is to provide opportunities for the residents to develop clinical competence in the field of adult cardiology.

##### A. Clinical Experience

###### 1. Required Patient Population

Clinical experience must include opportunities to observe, manage, and judge the effectiveness of therapeutic programs in patients with a wide variety of adult cardiovascular disorders on both an inpatient and an outpatient basis. The resident must be given opportunities to assume continuing responsibility for both acute and chronically ill patients to learn the natural history of cardiovascular disease.

###### 2. Ambulatory Medical Experience

Continuing care experience in the ambulatory care setting must occur at least ½ day each week throughout at least 24 months of the training program.

###### 3. Inpatient Experience

There must be at least 8 months of nonlaboratory clinical practice activities (eg, consultations, cardiac care units, postoperative care of cardiac surgery patients).

###### 4. Special Clinical Experiences

There must be at least 24 months of clinical training, including inpatient and special experiences. The program must provide a minimum of:

- a. Four months in the cardiac catheterization laboratory
- b. Four months in noninvasive cardiac evaluations, including exercise stress testing, ECG interpretation, ambulatory ECG recording, echocardiography, and nuclear cardiology
- c. Two months devoted to electrophysiology and pacemaker follow-up

##### B. Technical and Other Skills

###### 1. The program must provide sufficient experience for the resident to acquire *skill* in the performance and interpretation of:

- a. History and physical examination
- b. Cardiopulmonary resuscitation and advanced cardiac life support
- c. Elective cardioversion
- d. Bedside right heart catheterization
- e. Insertion and management of temporary pacemakers
- f. Right and left heart catheterization including coronary arteriography; residents must participate in a minimum of 100 catheterizations.
- g. Exercise stress testing; residents must perform a minimum of 50 tests
- h. Echocardiography; residents must perform a minimum of 150 studies and interpret a minimum of 150 studies

###### 2. The program must provide opportunities for residents to acquire experience with the performance and (where applicable) interpretation of:

- a. Pericardiocentesis
- b. Programming and follow-up surveillance of permanent pacemakers
- c. Intracardiac electrophysiologic studies
- d. Intra-aortic balloon counterpulsation

- e. Percutaneous transluminal coronary angioplasty and other interventional procedures
  - f. Cardiovascular rehabilitation
- ###### 3. The program must provide sufficient experience for residents to acquire skill in the interpretation of:
- a. Chest x-rays
  - b. Electrocardiograms
  - c. Ambulatory ECG recording
  - d. Radionuclide studies of myocardial function and perfusion
  - e. Ongoing research projects
  - f. Cardiovascular literature

##### C. Formal Instruction

The program must provide didactic instruction and opportunities to acquire knowledge in:

1. Basic science
  - a. Cardiovascular anatomy
  - b. Cardiovascular physiology
  - c. Cardiovascular metabolism
  - d. Molecular biology of the cardiovascular system
  - e. Cardiovascular pharmacology
  - f. Cardiovascular pathology
2. Prevention of cardiovascular disease
  - a. Epidemiology and biostatistics
  - b. Risk factors
  - c. Lipid disorders
3. Evaluation and management of patients with:
  - a. Coronary artery disease and its manifestations and complications
  - b. Arrhythmias
  - c. Hypertension
  - d. Cardiomyopathy
  - e. Valvular heart disease
  - f. Pericardial disease
  - g. Pulmonary heart disease
  - h. Peripheral vascular disease
  - i. Cerebrovascular disease
  - j. Heart disease in pregnancy
  - k. Adult congenital heart disease
  - l. Complications of therapy
4. Management of:
  - a. Acute and chronic congestive heart failure
  - b. Acute myocardial infarction and other acute ischemic syndromes
  - c. Acute and chronic arrhythmias
  - d. Preoperative and postoperative patients
  - e. Cardiac transplant patients
5. Diagnostic techniques, including:
  - a. Magnetic resonance imaging
  - b. Fast computed tomography
  - c. Positron emission tomography

##### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

##### E. Evaluation

See Section VI, General Information Section, Program Requirements for Graduate Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Clinical Cardiac Electrophysiology

### I. Educational Program

- A. A subspecialty educational program in clinical cardiac electrophysiology (CCEP) must function as an integral component of an accredited subspecialty fellowship in cardiovascular disease and must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field.
- B. During training in CCEP, the resident's clinical experience must include opportunities to observe, diagnose, manage, and judge the effectiveness of treatment for inpatients and outpatients with ectopy, syncope, and bradyarrhythmias and with both supraventricular and ventricular tachyarrhythmias. The resident should be given opportunities to assume continuing responsibility for both acutely and chronically ill patients to learn the natural history of a wide variety of cardiac arrhythmias and how to treat them.
- C. The CCEP program must be 1 year in length, following completion of an accredited cardiovascular disease residency program.
- D. The principles enumerated in the Program Requirements for Residency Education in Internal Medicine and the General Information Section of the Program Requirements for Residency Education in the Subspecialties of Internal Medicine are also applicable to training in this subspecialty.

### II. Faculty

Faculty responsible for training should be board certified in CCEP or possess equivalent qualifications. There should be a minimum of two clinically active CCEP faculty members and no less than one full-time CCEP faculty member per 1.5 residents. Access to faculty with expertise in basic cardiac electrophysiology and pharmacology and to research laboratories in which cardiac electrophysiologic research is performed is desirable.

### III. Facilities and Resources

- A. Modern clinical inpatient and ambulatory care and research facilities to accomplish the overall educational program must be available and functioning. Specifically, there must be a clinical cardiac electrophysiologic laboratory for invasive intracardiac electrophysiologic studies and catheter ablation and laboratories to provide the noninvasive diagnostic and therapeutic techniques detailed below.
- B. The electrophysiology laboratory must contain appropriate cardiac fluoroscopic equipment, programmable stimulator, recording devices, and resuscitative equipment. An outpatient follow-up program must exist to care for patients with pacemakers and implantable cardioverters/defibrillators (ICDs). Clinical care units must include cardiac care units (CCUs), cardiac surgical intensive care units, and outpatient clinics. Association with a cardiac surgery program with surgeons skilled in arrhythmia surgery and electrical device implantation is an essential part of a CCEP training program. Although the surgical program does not necessarily have to be in the same hospital or medical center as the CCEP program, a close geographic and working relationship between the two must be documented.

## IV. Specific Program Content

### A. Clinical Experience

1. Residents should have clinical experiences that provide the opportunity to acquire knowledge of the indications, contraindications; risks, limitations, sensitivity, specificity, predictive accuracy, and appropriate techniques for evaluating patients with:
  - a. A variety of rhythm disorders, including but not limited to
    1. sinus node dysfunction,
    2. atrioventricular (AV) and intraventricular block, and
    3. supraventricular and ventricular tachyarrhythmias.
  - b. Clinical conditions such as
    1. unexplained syncope,
    2. aborted sudden cardiac death,
    3. palpitations,
    4. WPW syndrome, and
    5. long QT syndrome.
  - c. Conditions that make them candidates for nonpharmacological therapy such as ablation, surgery, and ICD implantation.
2. Clinical experiences involving:
  - a. Consultation.
  - b. Care of patients in the cardiac care unit, emergency room, or other intensive care settings.
  - c. Care of the patient before and after an electrophysiologic study.
  - d. Preoperative and postoperative care of the patient undergoing surgery for arrhythmias.
  - e. Outpatient follow-up of patients treated with drugs, devices, or surgery.
  - f. Electrocardiography—proficiency in the interpretation of the standard 12-lead ECG, stress testing, ambulatory ECG recording, signal-averaged ECG, and telephone-transmitted ECGs.
  - g. Catheter ablation therapy for arrhythmias.
  - h. Care of patients with temporary and permanent pacemakers.
  - i. Care of patients with ICDs.

### B. Technical and Other Skills

1. To become proficient in CCEP, residents must have the opportunity to acquire a broad knowledge base of cardiac electrophysiology. There must be opportunity to develop a high level of performance in such areas as interpretation of ECGs, ambulatory ECG recordings, stress-testing ECG recordings, and chest radiography, as well as the performance of history and physical examination, cardiopulmonary resuscitation and advanced cardiac life support, and arterial and venous cannulation.
2. Residents must have opportunities to acquire skill in the interpretation of:
  - a. Activation sequence mapping recordings.
  - b. Invasive intracardiac electrophysiologic studies.
  - c. Relevant imaging studies, including chest radiography.
  - d. Tilt testing.
  - e. Electrocardiograms and ambulatory ECG recordings.
  - f. Continuous in-hospital ECG recording.
  - g. Endocardial electrogram recording from intracardiac electrophysiologic studies.
  - h. Epicardial electrogram recordings.
  - i. Esophageal ECG recordings.
  - j. Signal-averaged ECG recordings.
  - k. Stress-transmitted testing ECG recordings.
  - l. Telephone-transmitted ECG recordings.
  - m. Transmembrane intracellular and monophasic extracellular action potential recordings.
3. Residents must have opportunities to acquire skill in the performance of clinical cardiac electrophysiologic studies.
  - a. The resident is expected to perform an average of two or more electrophysiology studies per week as the primary operator or

as an assistant closely involved with data collection and analysis.

- b. A minimum of 100 intracardiac procedures in at least 50 patients will be required.
  1. Of these patients studied, at least 25% must have supraventricular tachycardias such as atrioventricular nodal reentrant tachycardias, atrioventricular reentrant tachycardias related to the WPW syndrome, or atrial tachycardias.
  2. The program director of the CCEP training program will be expected to ensure the competency of the resident in the following:
    - a. Electrode catheter introduction
    - b. Electrode catheter positioning in atria, ventricles, coronary sinus, His bundle area, and pulmonary artery
    - c. Stimulating techniques to obtain conduction times and refractory periods, to initiate and terminate tachycardias
    - d. Recording techniques, including an understanding of amplifiers, filters, and signal processors
    - e. Measurement and interpretation of data
4. Residents must also have opportunities to acquire skill in the following:
  - a. Use of antiarrhythmic drugs, including knowledge of pharmacokinetics and pharmacodynamics
  - b. Management of patients who are critically ill with cardiac arrhythmias
  - c. Cardiopulmonary resuscitation
  - d. Advanced cardiac life support
  - e. Electrical cardioversion and defibrillation
  - f. Noninvasive diagnostic techniques, including esophageal pacing
  - g. Noninvasive therapeutic techniques
  - h. Arterial and venous cannulation
  - i. Transcutaneous pacing
  - j. Insertion and management of temporary pacemakers
  - k. Insertion and management of permanent pacemakers
  - l. Participation in the clinical application of ICDs
  - m. Critical analysis of published electrophysiologic data in laboratory and clinical research
  - n. Cardioversion and defibrillation

### C. Formal Instruction

The program must provide instruction and opportunities to acquire knowledge in:

1. Basic cardiac electrophysiology, including but not limited to genesis of arrhythmias, normal and abnormal electrophysiologic responses, autonomic influences, effects of ischemia, drugs, and other interventions.
2. Basic and clinical cardiac electrophysiology.
3. Pharmacology.
4. Electrocardiography.
5. Surgery for arrhythmias and device implantation.
6. Personal development, attitudes, and coping skills of physicians and other health-care professionals who care for critically ill patients.

### D. Research Experience

See Program Requirements for Residency Education in the Subspecialties of Internal Medicine, Section V, Specific Program Content, paragraphs K and L.

### E. Evaluation

See Program Requirements for Residency Education in the Subspecialties of Internal Medicine, Section VI, Evaluation.

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## Program Requirements for Residency Education in Critical Care Medicine

### I. Educational Program

- A. An educational program in critical care medicine must be organized at a sufficient level for the resident to acquire expertise in managing critically ill patients and in supervising critical care units.
- B. Critical care medicine training programs may be 1 or 2 years in duration.
  1. Programs that accept only those who have completed training in an accredited program in one of the subspecialties of internal medicine may be organized to offer a single year of training.
  2. Programs organized to provide critical care medicine training in association with an accredited program in one of the subspecialties of internal medicine may fulfill training requirements by devoting 12 months to critical care out of a total of 36 months of training.
  3. Otherwise, a program must provide training of 2 years in duration.
- C. To provide evidence of substantial institutional support in those disciplines most relevant to critical care medicine, the sponsoring institution's primary training site must sponsor accredited subspecialty programs in cardiovascular disease, pulmonary disease, and infectious diseases, as well as an accredited residency program in general surgery. The presence of training programs in these disciplines ensures the extensive educational, patient care, and research resources that are essential to the learning environment for critical care medicine residents. Furthermore, peer interaction is essential in the education of critical care medicine residents.
- D. The sponsoring institution(s) must care for patients with major trauma and must have an active open heart surgery program.
- E. Institutional policies should be established to govern the educational resources committed to critical care training programs and to ensure cooperation of all involved disciplines.

### II. Faculty

- A. The training program must be under the direction of an internist who is certified in critical care medicine by the American Board of Internal Medicine or who has equivalent qualifications in critical care medicine. The program director and the critical care teaching staff must have privileges regarding the admission, treatment, and discharge of their own patients on critical care unit(s).
- B. The director shall have administrative responsibility for the critical care teaching program, subject to the approval of the director of the parent internal medicine training program.
- C. The teaching staff at the primary training site must include each of the following:
  1. A minimum of three faculty who hold an American Board of Internal Medicine Certificate of Special Qualifications in critical care medicine or possess equivalent qualifications.
  2. For each resident there must be no less than one faculty member who must devote at least 20 hours per week to teaching, research, administration, and/or the critical evaluation of the performance, progress, and competence of the residents.
  3. There must be at least two institutionally based faculty members each in nephrology, gastroenterology, and hematology who devote substantial effort to the education of critical care medicine residents.

4. There must be faculty members in geriatric medicine and oncology who are available to participate in the education of residents in critical care medicine.

All faculty noted above must be certified in their subspecialties by the American Board of Internal Medicine or possess equivalent qualifications.

- D. Faculty members in anesthesiology, neurology, and neurosurgery who are certified by an American Board of Medical Specialties member board in their respective disciplines or who have equivalent training and experience must also participate at the primary training site in the education of residents in critical care medicine.
- E. Because critical care training is multidisciplinary in nature, faculty from several related disciplines such as general surgery, thoracic surgery, pediatrics, urology, orthopaedic surgery, emergency medicine, and obstetrics-gynecology must be available to participate in the training program.
- F. A collegial relationship must exist between the director of the critical care training program and the teaching staff, to enhance the educational opportunities for all residents. (See General Information Section, Program Requirements in the Subspecialties of Internal Medicine.)

### III. Facilities and Resources

- A. Modern facilities to accomplish the educational program must be available and functioning.
  1. The critical care unit(s) must be located in a designated area within the hospital and must be constructed and designed specifically for the care of critically ill patients.
  2. Whether operating in separate locations or in combined facilities, the program must provide the equivalent of a medical intensive care unit (MICU), a surgical intensive care unit, and a coronary intensive care unit (CICU).
  3. The medical intensive care unit must be present at the primary training site and should be the focus of a teaching service in which the program director in critical care medicine is responsible for the educational program.
- B. Available facilities must be adequate to care for patients with acute myocardial infarction, severe trauma, shock, recent open heart surgery, recent major thoracic or abdominal surgery, and severe neurologic and neurosurgical conditions.
- C. In units to which a resident is assigned, an average census of at least five patients per resident is required.
- D. A sufficient number of knowledgeable personnel and the necessary equipment to care for critically ill patients must be available. Personnel must include specially trained nurses and technicians who are skilled in critical care instrumentation, respiratory function, and laboratory medicine.
- E. A supporting laboratory must be available to provide complete and prompt laboratory evaluation.
- F. Modern imaging services and an active emergency service must be available.
- G. Nutritional support services also must be available.

### IV. Specific Program Content

#### A. Clinical Experience

1. Ultimate integration and application of the necessary knowledge, skills, and attitudes are best experienced in the intensive care environment. The program must be structured to provide adequate and meaningful patient responsibility in critical care unit(s), at least 6 months of which must be devoted to the care of critically ill medical patients (ie, MICU/CICU or equivalent). If there is a separate CICU, residents must spend at least 1 month in that unit.

2. The resident must be given opportunities to assume responsibility, under appropriate supervision, for the care of patients throughout their stay in the critical care unit(s) and to monitor the subsequent course of patients throughout the remainder of their hospital stay. To assess the various aspects of critical care, the resident must also have organized opportunities to learn about former critical care patients after hospital discharge, including clinical pathological correlations when appropriate.
3. Because critical care medicine is multidisciplinary in nature, clinical experience must include opportunities to manage adult patients with a wide variety of serious illnesses and injuries requiring treatment in a critical care setting. Therefore, residents should be assigned for a minimum of 3 months to additional rotations, which may include surgical, shock/trauma, and/or neurologic/neurosurgical intensive care units; pediatric intensive care unit; burn unit; dialysis unit; anesthesia service; cardiac catheterization laboratory; high-risk pregnancy intensive care unit; and transplant unit.

#### B. Technical and Other Skills

1. The program must be structured to permit all critical care residents to develop the requisite procedural and technical skills, including the ability to interpret data derived from various bedside devices commonly employed to monitor patients in the critical care setting.
2. The training program must provide opportunities for residents to learn the indications, contraindications, complications, and limitations of the following critical care procedures and the technical skills necessary to perform them. This experience would ordinarily occur in a pulmonary function laboratory or respiratory care service.
  - a. Airway
    1. Establishment and maintenance of open airway in nonintubated, unconscious, paralyzed patients
    2. Intubation (oral, nasotracheal)
  - b. Breathing, ventilation
    1. Ventilation by bag and mask
    2. Mechanical ventilation using pressure-cycled, volume-cycled, and negative-pressure mechanical ventilators
    3. Use of reservoir masks and continuous positive airway pressure masks for delivery of supplemental oxygen, humidifiers, nebulizers, and incentive spirometry
    4. Management of pneumothorax (needle insertion and drainage systems)
  - c. Maintenance of circulation
    1. Arterial puncture and blood sampling
    2. Insertion of central venous, arterial, and pulmonary artery balloon flotation catheters
    3. Basic and advanced cardiopulmonary resuscitation
    4. Cardioversion
3. The program also must provide opportunities to learn the indications, contraindications, complications, and limitations of the following procedures; practical experience is recommended.
  - a. Percardiocentesis
  - b. Transvenous pacemaker insertion
  - c. Peritoneal dialysis
  - d. Peritoneal lavage
  - e. Insertion of chest tubes
  - f. Aspiration of major joints
4. Experience also must be provided in the analysis of data pertaining to the following:
  - a. Cardiac output determinations by thermodilution and/or other techniques
  - b. Evaluation of oliguria
  - c. Management of massive transfusions

- d. Management of hemostatic defects
  - e. Interpretation of antibiotic levels and sensitivities
  - f. Monitoring and assessment of metabolism and nutrition
  - g. Calculation of oxygen content, intrapulmonary shunt and alveolar arterial gradients
  - h. Pharmacokinetics
5. Opportunities also must be available for residents to acquire those skills required to organize, administer, and direct a critical care unit and to work effectively as a member of a multidisciplinary team.

### C. Formal Instruction

The training program must provide opportunities for the residents to acquire knowledge of, and to develop clinical competence in, the field of critical care medicine. Critical care medicine deals primarily with acute life-threatening conditions in which multiple organ failure is common. Consequently, the formal curriculum must exhibit, as a minimum, the following content areas:

1. Physiology, pathophysiology, diagnosis, and therapy of disorders of the cardiovascular, respiratory, renal, gastrointestinal, genitourinary, neurologic, endocrine, hematologic, musculoskeletal, and immune systems, as well as of infectious diseases
2. Electrolyte and acid-base physiology, pathophysiology, diagnosis, and therapy
3. Metabolic, nutritional, and endocrine effects of critical illnesses
4. Hematologic and coagulation disorders associated with critical illness
5. Critical obstetric and gynecologic disorders
6. Management of the immunosuppressed patient
7. Management of anaphylaxis and acute allergic reactions
8. Trauma
9. Monitoring and medical instrumentation
10. Intracranial pressure monitoring
11. Pharmacokinetics, pharmacodynamics, drug metabolism and excretion in critical illness
12. Use of paralytic agents
13. Ethical, economic, and legal aspects of critical illness
14. Biostatistics and experimental design
15. Principles and techniques of administration and management
16. Psychosocial and emotional effects of critical illnesses on patients and their families
17. Iatrogenic and nosocomial problems in critical care medicine
18. Personal development, attitudes, and coping skills of physicians and other health-care professionals who care for critically ill patients
19. Occupational Safety and Health Administration (OSHA) regulations and universal precautions and protection of health-care workers

### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Resident Education in the Subspecialties of Internal Medicine.

### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Endocrinology, Diabetes, and Metabolism

### I. Educational Program

A subspecialty educational program in endocrinology, diabetes, and metabolism must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 2 years in duration.

### II. Faculty

See Section III, Faculty, of the Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### III. Facilities and Resources

Modern facilities and services, including inpatient, ambulatory care, and laboratory resources, must be available and functioning. Specifically, there must be a complete biochemistry laboratory; facilities for radioimmunoassay and karyotyping; nuclear, ultrasonic, and radiologic imaging services that can conduct studies for all types of endocrine disease; a dietary service; endocrine surgical services; and a pathology laboratory for the interpretation of surgical and cytologic specimens, including immunohistologic studies. In addition, there should be a close working relationship with dietary and/or nutrition services, as well as specialists in surgery, nephrology, neurology and neurosurgery, obstetrics and gynecology, ophthalmology, pediatrics, podiatry, and urology.

### IV. Specific Program Content

#### A. Clinical Experience

1. The training program must provide opportunities for the resident to develop clinical competence in the field of endocrinology, diabetes, and metabolism. Clinical experience must include opportunities to diagnose and manage inpatients and outpatients of all ages and both sexes and representing variable acuity who have a wide variety of endocrine and metabolic diseases. The program also must include opportunities to function in the role of an endocrinology consultant for other physicians and services in both inpatient and outpatient settings.
2. The residents must be given opportunities to assume responsibility for and follow patients throughout the training period in both inpatient and outpatient settings to observe the evolution and natural history of these disorders, as well as the effectiveness of therapeutic interventions. To accomplish these goals, the educational program must include, on average, a minimum of 2 half-days each week in ambulatory care. Residents must have experience with patients who have diabetes as well as thyroid, neuroendocrine, reproductive, and metabolic bone diseases and other general endocrine problems.
3. The curriculum must emphasize biochemistry and physiology, including cell and molecular biology, as they relate to endocrinology, diabetes, and metabolism. The appropriate utilization and interpretation of clinical laboratory, radionuclide, and radiologic studies for the diagnosis and treatment of endocrine and metabolic diseases must be stressed.
4. Residents should have opportunities to participate in a multidisciplinary diabetes education and treatment program.
5. Residents should have formal instruction, clinical experience, or opportunities to acquire expertise in the evaluation and management of the following disorders:
  - a. Endocrine, paracrine, and autocrine dysfunction of endocrine tissues

- b. Disorders of all endocrine glands, including the parathyroids, pituitary, thyroid, pancreas, adrenal, and gonads, and endocrine function of brain, kidney, skin, and other "nonendocrine" tissues
  - c. Thyroid disorders, including
    1. Hyperthyroidism and hypothyroidism
    2. Nodular thyroid diseases
    3. Thyroid cancer
    4. Goiter
    5. All varieties of thyroiditis, including silent, subacute, autoimmune, and chronic thyroiditis
  - d. Hypothalamic and pituitary tumors, including
    1. Prolactinoma
    2. Alpha subunit secreting pituitary tumors
    3. Acromegaly
    4. Cushing's disease
    5. Gonadotropin-secreting pituitary tumors
    6. Thyrotropin-producing pituitary tumors
    7. Nonfunctioning tumors
    8. Metabolically active lesions
    9. Craniopharyngioma
  - e. Type I and Type II diabetes mellitus, including
    1. Patient monitoring and treatment objectives in children and adults
    2. Acute and chronic complications, including
      - a. Diabetic ketoacidosis
      - b. Hyperosmolar coma
      - c. Hypoglycemia
      - d. Microvascular and macrovascular disease including
        1. Diabetic retinopathy
        2. Diabetic nephropathy
        3. Diabetic neuropathy
        4. Diabetic dermopathy
        5. Coronary heart disease
        6. Peripheral vascular disease
        7. Cerebral vascular disease
      - e. Infections
    3. Gestational diabetes mellitus and diabetes mellitus complicated by pregnancy
    4. The surgical patient with diabetes mellitus
    5. Patient education
    6. Psychosocial issues
    7. Genetics and genetic counseling
    8. Hypoglycemic syndromes
    9. Dietary principles
  - f. Disorders of calcium and skeletal metabolism, including
    1. Hyperparathyroidism and other causes of hypercalcemia
    2. Hypoparathyroidism and other causes of hypocalcemia
    3. Metabolic bone diseases
    4. Evaluation and treatment of kidney stones
  - g. Disorders of fluid, electrolyte, and acid-base metabolism, including
    1. Hyponatremia and hyponatremia
    2. Hyperkalemia and hypokalemia
    3. Metabolic acidosis
    4. Metabolic alkalosis
    5. Disorders of magnesium metabolism
    6. Diabetes insipidus, central and nephrogenic
  - h. Disorders of blood pressure
  - i. Neuroendocrinology and endocrine aspects of psychiatric diseases
  - j. Endocrine aspects of aging, including menopause
  - k. Endocrine emergencies, including
    1. Hypercalcemia and hypocalcemia
    2. Thyroid storm
    3. Myxedema coma
    4. Adrenal insufficiency
    5. Pituitary apoplexy
  - l. Disorders of lipid, carbohydrate, and protein metabolism, including principles of enteral and parenteral nutritional support
  - m. Nutritional disorders and obesity
  - n. Hormone-producing neoplasms
  - o. Endocrine adaptations and maladaptations to systemic diseases
  - p. Disorders of reproductive endocrinology and endocrinologic aspects of sexual dysfunction
- B. Technical and Other Skills**
- Residents should have experience in the performance of endocrine clinical laboratory and radionuclide studies and basic laboratory techniques, including quality control, quality assurance, and proficiency standards.
- Provision must be made for the residents to acquire experience and skill in the following areas:
1. The interpretation of laboratory tests; immunoassays; and radionuclide, ultrasound, radiologic, and other imaging studies for the diagnosis and treatment of endocrine and metabolic disease, including the effects of a variety of unrelated disorders and performance and interpretation of stimulation and suppression tests.
  2. Performance and cytologic interpretation of fine needle aspiration of the thyroid.
  3. Management of patients of all ages with diabetes mellitus, including but not limited to the following aspects of the disease:
    - a. The rationale, indications, performance, and interpretation of glucose tolerance tests
    - b. The utilization and interpretation of glycosylated hemoglobin levels, islet cell, and insulin antibody levels in patient management and counseling
    - c. Rationale for and calculation of diabetic diets
    - d. Prescription of exercise programs
    - e. Oral antidiabetic therapy
    - f. The use of intravenous insulin in acute decompensated diabetes mellitus
    - g. Chronic insulin administration, including the use of all varieties of insulin delivery systems
    - h. Glucose monitoring devices
    - i. Funduscopic examination, recognition, and appropriate referral of patients with diabetic retinopathy
    - j. Foot care
    - k. Psychosocial effects of diabetes mellitus on patients and their families
      1. Patient and community education
  4. Communication, both written and spoken, with referring physicians and other members of the health community.
  5. Diagnosis and treatment of hypertension.
- C. Formal Instruction**
- The formal curriculum of the program must, as a minimum, provide instruction in the following:
1. Pathogenesis and epidemiology of diabetes mellitus
  2. Genetics as it relates to endocrine diseases
  3. Pediatric endocrinology
  4. Endocrine physiology and pathophysiology in systemic diseases and principles of hormone action
  5. Biology of sexual development, reproductive endocrinology, and endocrinologic aspects of sexual dysfunction
  6. Biochemistry and physiology, including cell and molecular biology and immunology, as they relate to endocrinology and metabolism
  7. Signal transduction pathways and biology of hormone receptors



#### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

#### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Gastroenterology

### I. Educational Program

A subspecialty education program in gastroenterology must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 2 years in duration.

### II. Faculty

See Section III, Faculty, of the Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### III. Facilities and Resources

- A. Modern inpatient, ambulatory care, and laboratory facilities to accomplish the overall educational program must be available and functioning at the primary training site. Specifically, there must be a procedure laboratory completely equipped to provide modern capability in gastrointestinal procedures. This equipment must include an up-to-date array of complete diagnostic and therapeutic endoscopic instruments and accessories plus esophageal motility instrumentation. Facilities for parasitology testing should be provided. Supporting services including pathology, diagnostic radiology, interventional radiology, medical imaging and nuclear medicine, general surgery, and oncology must also be available.
- B. Facilities for the intensive care of critically ill patients with gastrointestinal disorders must be provided, including a working relationship with surgery, oncology, pediatrics, radiology, and pathology services.

### IV. Specific Program Content

#### A. Clinical Experience

1. The training program must provide opportunities for residents to develop clinical competence in the field of gastroenterology, including hepatology, clinical nutrition, and gastrointestinal oncology.
2. Clinical experience must include opportunities to observe and manage a sufficient number of new and follow-up inpatients and outpatients of appropriate ages (including the adolescent and geriatric age groups), of both sexes, and with a wide variety of common and uncommon digestive disorders. The residents must be given opportunities to assume continuing responsibility for both acute and chronically ill patients to learn the natural history of gastroenterologic disorders, as well as the effectiveness of therapeutic programs.
3. Residents must have formal instruction, clinical experience, or opportunities to acquire expertise in the evaluation and management of the following disorders:
  - a. Diseases of the esophagus
  - b. Acid peptic disorders of the gastrointestinal tract
  - c. Motor disorders of the gastrointestinal tract

- d. Irritable bowel syndrome
  - e. Disorders of nutrient assimilation
  - f. Inflammatory bowel diseases
  - g. Vascular disorders of the gastrointestinal tract
  - h. Gastrointestinal infections, including retroviral, mycotic, and parasitic diseases
  - i. Gastrointestinal and pancreatic neoplasms
  - j. Gastrointestinal diseases with an immune basis
  - k. Pancreatitis
  - l. Gallstones and cholecystitis
  - m. Alcoholic liver diseases
  - n. Viral and immune hepatitis
  - o. Cholestatic syndromes
  - p. Drug-induced hepatic injury
  - q. Hepatobiliary neoplasms
  - r. Chronic liver disease
  - s. Gastrointestinal manifestations of HIV infections
4. Residents must have formal instruction, clinical experience, and opportunities to acquire expertise in the evaluation and management of patients with the following clinical problems:
    - a. Dysphagia
    - b. Abdominal pain
    - c. Acute abdomen
    - d. Nausea and vomiting
    - e. Diarrhea
    - f. Constipation
    - g. Gastrointestinal bleeding
    - h. Jaundice
    - i. Abnormal liver chemistries
    - j. Cirrhosis and portal hypertension
    - k. Malnutrition
    - l. Genetic/inherited disorders
    - m. Depression, neurosis, and somatization syndromes
    - n. Surgical care of gastrointestinal disorders
  5. Experience in Ambulatory Care  
Experience in ambulatory care settings that includes consultative as well as continuing care must occur at least 1/2 day each week throughout at least 18 months of the training program. Residents should, on average, be responsible for not fewer than one nor more than three new patients and not less than three nor more than six return patients during each 1/2-day session.

#### B. Technical and Other Skills

1. The program must provide for instruction in the indications, contraindications, complications, limitations, and (where applicable) interpretation of the following diagnostic and therapeutic techniques and procedures:
  - a. Imaging of the digestive system, including
    1. Ultrasound procedures
    2. Computed tomography
    3. Magnetic resonance imaging
    4. Vascular radiology procedures
    5. Nuclear medicine procedures
  - b. Endoscopic procedures
  - c. Specialized dilation procedures
  - d. Percutaneous cholangiography
  - e. Percutaneous endoscopic gastrostomy
  - f. Liver and mucosal biopsies
  - g. Gastric, pancreatic, and biliary secretory tests
  - h. Other diagnostic and therapeutic procedures utilizing enteral intubation and bougienage
  - i. Gastrointestinal motility studies
  - j. Sclerotherapy
  - k. Enteral and parenteral alimentation
  - l. Liver transplantation

- m. Pancreatic needle biopsy
  - n. ERCP, including papillotomy and biliary stent placement
2. Opportunities also must be provided for the resident to gain competence in the performance of the following procedures. A skilled preceptor must be available to teach and to supervise them. The performance of these procedures must be documented in the resident's record, giving indications, outcomes, diagnoses, and supervisor(s).
- a. Esophagogastroduodenoscopy; residents should perform a minimum of 100 supervised studies
  - b. Esophageal dilation; residents should perform a minimum of 15 supervised studies
  - c. Proctoscopy
  - d. Flexible sigmoidoscopy; residents should perform a minimum of 25 supervised studies
  - e. Colonoscopy with polypectomy; residents should perform a minimum of 100 supervised colonoscopies and 20 supervised polypectomies
  - f. Percutaneous liver biopsy; residents should perform a minimum of 20 supervised studies
  - g. Percutaneous endoscopic gastrostomy; residents should perform a minimum of 10 supervised studies
  - h. Biopsy of the mucosa of esophagus, stomach, small bowel, and colon
  - i. Other diagnostic and therapeutic procedures utilizing enteral intubation and bougienage
  - j. Gastrointestinal motility studies
  - k. Nonvariceal hemostasis (upper and lower); residents should perform 20 supervised cases, including 10 active bleeders
  - l. Variceal hemostasis; residents should perform 15 supervised cases, including five active bleeders
  - m. Enteral and parenteral alimentation

### C. Formal Instruction

The program must include emphasis on the pathogenesis, manifestations, and complications of gastrointestinal disorders, including the behavioral adjustments of patients to their problems. The impact of various modes of therapy and the appropriate utilization of laboratory tests and procedures should be stressed. Additional specific content areas that must be included in the formal program (lectures, conferences, and seminars) include

1. Anatomy, physiology, pharmacology, and pathology related to the gastrointestinal system, including the liver
2. The natural history of digestive diseases
3. Factors involved in nutrition and malnutrition
4. Surgical procedures employed in relation to digestive system disorders and their complications
5. Prudent, cost-effective, and judicious use of special instruments, tests, and therapy in the diagnosis and management of gastroenterologic disorders
6. Liver transplantation
7. Sedation and sedative pharmacology

### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### E. Evaluation

See section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Internal Medicine Geriatric Medicine

### I. Educational Program

An educational program in geriatric medicine must be organized to provide a well-supervised experience at a sufficient level for the resident to acquire the competence of a physician with added qualifications in the field. It shall be 24 months in duration.

The program must be conducted by an accredited residency program in internal medicine. Residents in geriatric medicine must have satisfactorily completed an Accreditation Council for Graduate Medical Education-accredited residency in family practice or internal medicine.

Clinical experience must include opportunities to observe and manage elderly patients with a wide variety of medical problems on an inpatient and outpatient basis. Residents must be given the opportunity to provide both primary care and consultation for patients in acute, ambulatory, community, and long-term-care settings in order to understand the interaction of natural aging and disease as well as the techniques of assessment, therapy, and management. Additionally, residents must be given the opportunity to care for persons who are well and require routine and preventive health-care measures.

The program should include an emphasis on the physiology of aging, the pathophysiology of common diseases in the elderly, functional assessment, mental status assessment, and concepts of treatment and management in the acute- and long-term-care setting, as well as in the community and in the home.

Attention should be directed as well to the behavioral aspects of illness, socioeconomic factors, and ethical and legal considerations that may impinge on medical management.

The program must provide the opportunity for residents to maintain their basic primary skills during the course of this training. At least ½ day per week must be spent in a continuity of care experience in the resident's primary discipline.

### II. Faculty and Staff

#### A. Program Director

The program director must be fully committed to the program in order to devote sufficient time to the achievement of the educational goals and objectives. The program director must be primarily based at the teaching center and must be certified in internal medicine or family practice and hold a Certificate of Added Qualifications in Geriatric Medicine or possess equivalent credentials. The program director must have considerable experience in geriatric medicine and must be responsible for the entire program. The individual must have demonstrated interest in research and a career commitment to geriatric medicine.

#### B. Other Faculty

In addition to the program director, each program must have at least one other faculty member with similar qualifications, who devotes a substantial portion of professional time to the training program. For programs with more than two residents, there must be 0.5 additional faculty member for each additional resident. Some of these faculty may be part-time in geriatric medicine or drawn wholly from collaborating programs. The faculty commitment must not attenuate the quality of the core residency training program. Because of the multidisciplinary nature of geriatric medicine, the program must have meaningful relationships with physical medicine and rehabilitation, neurology, and psychiatry. Appropriate rela-

tionships with other disciplines including but not limited to general surgery, orthopaedics, ophthalmology, otolaryngology, urology, audiology, occupational therapy, and speech therapy should be maintained. Additionally, a liaison must be established with the departments of nursing and social work.

### C. Geriatric Care Team

There must be a meaningful experience with a physician-directed interdisciplinary geriatric team at the acute-care hospital (on the inpatient service or in the outpatient setting) or in a family practice center and, if possible, in one of the long-term-care facilities. Essential members include a geriatrician, a nurse, and a social worker. Additional desirable members of the team include a variety of individuals representing other disciplines such as neurology, psychiatry, physical medicine and rehabilitation, physical therapy, pharmacy, and chaplaincy. Regular team conferences must be held.

## III. Facilities/Resources

A patient population adequate to meet the needs of the training program must be available in the facilities in which the educational experiences take place. Individuals of both sexes with a spectrum of chronic illness and potential for rehabilitation must be available. At all facilities utilized by the program the resident must be given opportunities to provide meaningful care. At each setting certain activities are mandated. The program must include the following:

### A. Acute-Care Hospital

The acute-care hospital central to the geriatric medicine program must be an integral component of a teaching center. It must have the full range of services usually ascribed to an acute-care general hospital, including intensive care units, emergency room, operating rooms, diagnostic laboratory and imaging services, and pathology department.

### B. Long-Term-Care Institution

One or more long-term-care institutions, such as a skilled nursing facility or chronic-care hospital, is a necessary component of the geriatric medicine program. The total number of beds available must be sufficient to permit a comprehensive educational experience. The institutions must be approved by the appropriate licensing agencies of the state, and the standard of facilities and care in each must be consistent with those promulgated by the Joint Commission on the Accreditation of Healthcare Organizations.

### C. Long-Term Noninstitutional Care

At least one noninstitutional care service, for example, home care, day care, or life care, is a necessary component of the geriatric medicine program.

### D. Ambulatory Care Program

The ambulatory care program must comprise a minimum of 25% of the resident's time over 18 months. Each resident should evaluate approximately one to three new geriatric patients and four to eight follow-up geriatric patients each week. This must include at least 1/2 day per week spent in a continuity of care experience. This experience must be designed to render care in a geriatric clinic or family practice center to elderly patients who may require the services of multiple medical disciplines (including but not limited to neurology, gynecology, urology, psychiatry, podiatry, orthopaedics, dentistry, audiology, and ophthalmology) as well as nursing, social work, and nutrition. The opportunity to render continuing care and to coordinate the implementation of recommendations from these medical specialties and disciplines is mandatory. Thus, medical records must include information pertinent to the assessment and management of older patients, including the functional assessment.

## E. Additional Educational Environment

Peer interaction is essential for residents. To achieve this goal, an accredited training program must be present in at least one relevant specialty other than internal medicine.

There must be a formal affiliation agreement between each long-term-care facility included in the program and the sponsoring institution, in which each institution must acknowledge its responsibility to provide a high quality of care, adequate resources, and administrative support for the educational mission. In addition, there must be a letter of agreement between each long-term-care facility and office of the director of the geriatric medicine program that guarantees the director appropriate authority at the long-term-care institution to carry out the training program.

## IV. Specific Program Content

All major dimensions of the curriculum should be structured educational experiences for which written goals and objectives, a specific methodology for teaching, and a method of evaluation exist. The curriculum must ensure the opportunity for residents to achieve the cognitive knowledge, psychomotor skills, interpersonal skills, professional attitudes, and practical experience required of a physician in the care of the aged.

Didactic as well as clinical learning opportunities must be available to the resident. Conferences or seminars/workshops in geriatric medicine should be specifically designed for the resident to augment the clinical experiences.

As the residents progress through their training, they must have the opportunity to teach personnel such as nurses, allied health personnel, medical students, and residents. Appropriate experiences designed to refine educational and teaching skills of the residents and to develop the necessary administrative skills must be provided.

Appropriate supervision of the residents must be provided during all of their educational experiences.

The following components must be provided:

### A. Geriatric Medicine Consultation Program

This program must be formally available in the ambulatory setting, the inpatient service, and/or emergency medicine in the acute-care hospital.

### B. Long-Term-Care Experience

In the long-term-care institutional setting each resident must have a minimum of 12 months of continuing longitudinal clinical experience with an assigned panel of patients for whom the resident is the primary provider. Additional block time long-term-care experience is encouraged. Emphasis during the longitudinal experience should be focused on (1) the approaches to diagnosis and treatment of the acutely and chronically ill frail elderly in a less technologically sophisticated environment than the acute-care hospital, (2) working within the limits of a decreased staff-patient ratio compared with acute-care hospitals, (3) a much greater awareness of and familiarity with physical medicine and rehabilitation, and (4) the challenge of the clinical and ethical dilemmas produced by the illness of the very old.

Experience with home visits and hospice care must be included. The resident must be exposed to the organizational and administrative aspects of home health care.

### C. Research Program

There must be evidence of faculty involvement in research, and the faculty must provide a suitable research environment for the residents. Because gerontological research spans a very broad spectrum, from molecular biology to health and social policy, the research capabilities and resources of the faculty intensively involved in clinical geriatric education may not meet the needs of all residents. Therefore, working relationships with faculty from the

relevant disciplines will be important, and some may be selected as research mentors for geriatric medicine residents. The disciplines within public health are especially likely to be relevant. However, the primary responsibility for the resident must reside with the program director in geriatric medicine.

The residents must be exposed to and take part in research programs that provide an environment conducive to a questioning attitude and critical analysis. The residents should help design, conduct, and evaluate a research project in the area of geriatric medicine and prepare its results for publication. The completion of a research project during the training program is strongly encouraged.

#### D. Geriatric Psychiatry

Identifiable structured didactic and clinical experiences in geriatric psychiatry must be included in the program of each resident. Behavioral sciences such as psychology/social work and others must be included in the curriculum.

#### E. Curriculum

The training program must provide opportunities for the residents to develop clinical competence in the overall field of geriatric medicine. The curriculum of the program must exhibit, as a minimum, the following content and skill areas:

1. Current scientific knowledge of aging and longevity, including theories of aging, the physiology and natural history of aging, pathologic changes with aging, and epidemiology and diseases of the aged.
2. Aspects of preventive medicine, including nutrition, exercise, and screening for and immunization against disease. Instruction about and experience with community resources dedicated to these activities should be included.
3. Geriatric assessment (both cognitive and functional); activities of daily living (ADL); the instrumental activities of daily living (IADL); the appropriate use of the history, physical and mental examination, and the laboratory.
4. Appropriate coordination of the actions of multiple health professionals, including physicians, nurses, social workers, dietitians, and rehabilitation experts, in the assessment and implementation of treatment.
5. Topics of special interest to geriatric medicine, including but not limited to cognitive impairment, falls, incontinence, osteoporosis, fractures, dysthermias, sensory impairment, pressure ulcers, and malnutrition.
6. Diseases that are especially prominent in the elderly or that have different characteristics in the elderly, including neoplastic, cardiovascular, neurologic, musculoskeletal, metabolic, and infectious disorders.
7. Pharmacologic problems associated with aging, including changes in pharmacokinetics and pharmacodynamics, drug interactions, overmedication, polypharmacy, and compliance issues.
8. Psychosocial aspects of aging, including housing, depression, bereavement, and anxiety.
9. The economic aspects of supporting services, including Title III of the Older Americans Act, Medicare, Medicaid, and cost containment.
10. Ethical and legal issues especially pertinent to geriatric medicine, including limitation of treatment, competency, guardianship, right to refuse treatment, advance directives, wills, and durable power of attorney for medical affairs.
11. General principles of geriatric rehabilitation, including those applicable to patients with orthopedic, rheumatologic, cardiac, and neurologic impairments. These principles should include those related to the use of physical medicine modalities, exercise, functional activities, assistive devices, environmental modi-

fication, patient and family education, and psychosocial and recreational counseling.

12. Management of patients in long-term-care settings, including noninterventions, knowledge of the administration of long-term institutions (including, for example, safety regulations), and the continuum from short- to long-term care.
13. Research methodologies related to geriatric medicine, including biostatistics, clinical epidemiology, medical information, information sciences, decision analysis, critical literature review, and research design, including cross-sectional and longitudinal methods. (The training identified in paragraphs 12 and 13 may be appropriate to the receipt of an academic degree in public health or hospital administration.)
14. Preoperative assessment and involvement in postoperative management.
15. Iatrogenic disorders and their prevention.
16. Communication skills with patients, families, professional colleagues, and community groups, including presenting case reports, literature searches, and research papers.
17. The pivotal role of the family in caring for many elderly and the community resources (formal support systems) required to support both patient and family.

#### V. Certification

Those planning to seek a Certificate of Added Qualifications from the American Board of Internal Medicine or the American Board of Family Practice should communicate with the administrative officer of the board as listed in the *Graduate Medical Education Directory* to ascertain the full requirements.

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## Program Requirements for Residency Education in Hematology

### I. Educational Program

- A subspecialty educational program in hematology must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 2 years in duration.
- Clinical experience must include opportunities to observe and manage patients with a wide variety of blood diseases on an inpatient and outpatient basis. The resident must be given opportunities to assume continuing responsibility for acutely and chronically ill patients in order to observe the evolution of blood diseases as well as the benefits and adverse effects of therapy.
- The program should include emphasis on basic pathophysiologic mechanisms and therapy of diseases of the blood. Appropriate utilization of laboratory tests, imaging techniques, biopsies, and procedures used for the diagnosis and treatment of hematologic disorders should be stressed.

### II. Faculty

See Section III, Faculty, of the Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### III. Facilities and Resources

Modern inpatient, ambulatory care, and laboratory facilities to accomplish the overall educational program must be available and functioning. Specifically, the resources that must be available to the program include hematology and coagulation laboratories; a pathology department; a blood bank; immunodiagnostic, diagnostic, and therapeutic radiology services; and nuclear medicine services.

There must also be electron microscopy and facilities for clinical pharmacology and tumor immunology. The program must also participate in a multidisciplinary tumor conference that includes discussion of neoplastic blood disorders and hematologic-oncology protocol studies. In addition, there should be medical oncology and pediatrics programs with which hematology residents can relate formally in an educational experience.

It is highly desirable to have the support of the nursing, rehabilitation medicine, pain management, dietetic, and social services in the care of patients with neoplastic blood disorders so that the resident may see the role of other specialties in the total care of patients with hematologic and/or neoplastic diseases.

#### IV. Specific Program Content

##### A. Clinical Experience

The training program must have enough patients to provide residents with adequate opportunity to develop clinical competence in the broad field of hematology. Inpatient assignments should be of sufficient duration to permit continuing care of a majority of the patients throughout their hospitalization. In addition, the program must provide residents with experience in an ambulatory care setting for at least 1/2 day each week for the entire 2 years of training.

##### B. Technical and Other Skills

1. The program must provide residents with the opportunity to develop competence to work effectively as part of a multidisciplinary team.
2. The program must provide the opportunity to gain competence or expertise in the performance and (where applicable) interpretation of the following:
  - a. Bone marrow aspiration and biopsy, including preparation, staining, examination, and interpretation of blood smears, bone marrow aspirates, and touch preparations and interpretation of bone marrow biopsies
  - b. Measurement of the complete blood count, including platelets and white cell differential, using automated or manual techniques with appropriate quality control
  - c. Administration of chemotherapeutic agents and biological products through all therapeutic routes
  - d. Management and care of indwelling venous access catheters
  - e. Therapeutic phlebotomy
  - f. Therapeutic thoracentesis and paracentesis
  - g. Correlation of clinical information with the findings of cytology, histology, and imaging techniques
3. The program should provide experience or observation of the following:
  - a. Apheresis procedures
  - b. Performance and interpretation of partial thromboplastin time, prothrombin time, platelet aggregation, and bleeding time
  - c. Bone marrow and peripheral stem cell harvest for transplantation
  - d. Fine needle aspiration and biopsy

##### C. Specific Program Content

The residents should have formal instruction, clinical experience and opportunities to acquire knowledge in the following:

1. Morphology, physiology, and biochemistry of blood, marrow, lymphatic tissue, and the spleen
2. Related basic fields, including immunology, basic and clinical pharmacology and pharmacokinetics, cell and molecular biology, tumor immunology, molecular genetics, and prenatal diagnosis
3. Basic molecular and pathophysiologic mechanisms, diagnosis, and therapy of diseases of the blood, including anemias, dis-

eases of white blood cells, and disorders of hemostasis and thrombosis

4. Etiology, epidemiology, natural history, diagnosis, pathology, staging, and management of neoplastic diseases of the blood, blood-forming organs, and lymphatic tissues
5. Immunophenotyping, cytochemical studies, and cytogenetic and DNA analysis of neoplastic disorders of blood, blood-forming organs, and lymphatic tissues
6. Molecular mechanisms of hematopoietic and lymphopoietic malignancies, including the nature of oncogenes and their products
7. Relevant chemotherapeutic drugs, biologic products, and growth factors and their mechanisms of action, pharmacokinetics, clinical indications, and limitations
8. Multiagent chemotherapy protocols and combined modality therapy for hematopoietic and lymphopoietic malignancies
9. Principles and application of radiation medicine to hematopoietic and lymphopoietic malignancies
10. Management of the neutropenic and/or immunocompromised patient
11. Effects of systemic disorders and drugs on the blood, blood-forming organs, and lymphatic tissues
12. Allogeneic and autologous bone marrow transplantation and the nature and management of posttransplant complications
13. Tests of hemostasis and thrombosis for both congenital and acquired disorders and regulation of antithrombotic therapy
14. Treatment of patients with disorders of hemostasis and the biochemistry and pharmacology of coagulation factor replacement therapy
15. Transfusion medicine, including the evaluation of antibodies, blood compatibility, and the use of blood-component therapy and apheresis
16. Indications and application of imaging techniques in patients with blood disorders
17. Psychosocial management of patients with hematologic disorders
18. Personal development, attitudes, and coping skills of physicians and other health-care professionals who care for critically ill patients
19. Pain management in patients with blood disorders
20. Rehabilitation and psychosocial aspects of clinical management of patients with blood disorders
21. Hospice and home care
22. Recognition and management of paraneoplastic disorders
23. Clinical epidemiology and medical statistics, including clinical study and experimental protocol design, data collection, and analysis
24. Participation in a tumor board
25. Human immunodeficiency virus-related malignancies

##### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

##### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Hematology and Oncology

### I. Educational Program

- A. A subspecialty educational program in combined hematology and oncology must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 3 years in duration.
- B. Clinical experience must include opportunities to observe and manage both inpatients and outpatients with a wide variety of blood and neoplastic disorders. The resident must be given opportunities to assume continuing responsibility for acutely and chronically ill patients in order to observe the evolution of blood diseases and the natural history of cancer as well as the benefits and adverse effects of therapy.
- C. The program should include an emphasis on basic pathophysiologic mechanism and therapy of blood disorders. Appropriate utilization of laboratory tests, imaging techniques, biopsies, and procedures used for the diagnosis and treatment of hematologic and oncologic disorders must be stressed.

### II. Faculty

- A. The combined subspecialty program faculty must include a minimum of six (three for each discipline) qualified teaching faculty members, including the program director. Each must devote at least 20 hours per week to teaching, research, administration, and/or the critical evaluation of the performance, progress, and competence of the resident.
- B. These faculty members must either be certified in the subspecialties by the American Board of Internal Medicine or possess equivalent qualifications. Further, at least two of the faculty must be certified in hematology and at least two must be certified in oncology.
- C. Faculty members who are certified in infectious diseases, pulmonary diseases, endocrinology, and gastroenterology by the American Board of Internal Medicine or who have obtained equivalent training and experience must be available to participate in the education of residents in hematology/oncology. The program must also have the support of other clinical specialties, including psychiatry, gynecology, pediatrics, nuclear medicine, pathology, radiation therapy, and surgical specialties.

### III. Facilities and Resources

- A. Modern inpatient, ambulatory care, and laboratory facilities to accomplish the overall educational program must be available and functioning at the primary site. Specifically, there must be advanced pathology services, including immunopathology, resources for nuclear medicine imaging, blood banking, blood therapy facilities, coagulation laboratories, and radiation oncology facilities. There must also be electron microscopy facilities available for clinical pharmacology and tumor immunology. A modern diagnostic radiologic service, a general surgical service and its support, and pediatric support must be available. The program must also participate in a multidisciplinary tumor conference and cancer protocol studies.
- B. It is highly desirable to have the support of oncologic nursing, rehabilitation medicine, dietetic, and social services so that the resident may see the role of other specialists in the total care of the cancer patient.

### IV. Specific Program Content

#### A. Clinical Experience

The training program must have enough patients to provide residents with adequate opportunity to develop clinical competence in the broad field of hematology and oncology. Inpatient assignments should be of sufficient duration to permit continuing care of a majority of the patients throughout their hospitalization. The program must contain 18 months devoted to clinical training. In addition, the program must provide residents with experience in an ambulatory care setting at least ½ day each week for 36 months of training.

#### B. Technical and Other Skills

1. The program must provide residents with the opportunity to develop competence to work effectively as part of a multidisciplinary team.
2. The program must provide the opportunity to gain competence or expertise in the performance and (where applicable) interpretation of the following:
  - a. Bone marrow aspiration and biopsy, including preparation, staining, examination, and interpretation of blood smears, bone marrow aspirates, and touch preparations and interpretation of bone marrow biopsies
  - b. Measurement of the complete blood count, including platelets and white cell differential, using automated or manual techniques with appropriate quality control
  - c. Administration of chemotherapeutic agents and biological response modifiers through all therapeutic routes
  - d. Management and care of indwelling venous access catheters
  - e. Therapeutic phlebotomy
  - f. Therapeutic thoracentesis and paracentesis
  - g. Pelvic examination
  - h. Serial measurement of palpable tumor masses
  - i. Correlation of clinical information with cytology, histology, and imaging techniques
3. The program should provide experience or observation of the following:
  - a. Apheresis procedures
  - b. Performance and interpretation of partial thromboplastin time, prothrombin time, platelet aggregation, and bleeding time
  - c. Bone marrow and peripheral stem cell harvest for transplantation
  - d. Fine needle aspiration and biopsy

#### C. Specific Program Content

The residents should have formal instruction, clinical experience, or opportunities to acquire knowledge in the following:

1. Morphology, physiology, and biochemistry of blood, marrow, lymphatic tissue, and the spleen
2. Basic molecular and pathophysiologic mechanisms, diagnosis, and therapy of diseases of the blood, including anemias, diseases of white cells, and disorders of hemostasis and thrombosis
3. Etiology, epidemiology, natural history, diagnosis, pathology, staging, and management of neoplastic disorders
4. Immune markers, immunophenotyping, cytochemical studies, and cytogenetic and DNA analysis of neoplastic disorders
5. Molecular mechanisms of neoplasia, including the nature of oncogenes and their products
6. Chemotherapeutic drugs, biologic products, and growth factors and their mechanisms of action, pharmacokinetics, clinical indications, and limitations, including their effects, toxicity, and interactions
7. Multiagent chemotherapy protocols and combined modality therapy in the treatment of neoplastic disorders
8. Principles and application of surgery and radiation therapy in the treatment of neoplastic disorders

9. Management of the neutropenic and/or immunocompromised patient
10. Effects of systemic disorders, infections, solid tumors, and drugs on the blood, blood-forming organs, and lymphatic tissues
11. Allogeneic and autologous bone marrow transplantation and the nature and management of posttransplant complications
12. Indications and application of imaging techniques in patients with blood and neoplastic disorders
13. Pathophysiology and patterns of solid tumor metastases
14. Principles of gynecologic oncology
15. Pain management in the cancer patient
16. Rehabilitation and psychosocial management of patients with hematologic and neoplastic disorders
17. Hospice and home care for the cancer patient
18. Recognition and management of paraneoplastic disorders
19. The etiology of cancer, including predisposing causal factors leading to neoplasia
20. Cancer prevention and screening
21. Participation in a tumor board
22. Tests of hemostasis and thrombosis for both congenital and acquired disorders and regulation of antithrombotic therapy
23. Treatment of patients with disorders of hemostasis and the biochemistry and pharmacology of coagulation factor replacement
24. Transfusion medicine, including the evaluation of antibodies, blood compatibility, and the use of blood component therapy and apheresis procedures
25. Personal development, attitudes, and coping skills of physicians and other health-care professionals who care for critically ill patients
26. Human immunodeficiency virus-related malignancies

#### D. Research

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

#### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Infectious Disease

### I. Educational Program

A subspecialty educational program in infectious disease must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 2 years in duration.

### II. Faculty

See Section III, Faculty, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### III. Facilities and Resources

Modern facilities to accomplish the overall educational program must be available and functioning at the primary training site. Specifically, there must be access to a laboratory for clinical microbiology, including diagnostic bacteriology, immunology, mycology, parasitology, and virology. Facilities for the isolation of patients with infectious diseases must be available. It is highly desirable that the training program be conducted in a setting in which training programs in surgery, obstetrics, gynecology, pediatrics, and

other medical and surgical specialties and subspecialties are available.

## IV. Specific Program Content

### A. Clinical Experience

1. Clinical experience must include opportunities to observe and manage adult patients with a wide variety of infectious diseases on both an inpatient and an ambulatory basis. Such opportunities must encompass longitudinal experiences in a continuum of care to observe the course of illness and the effects of therapy. Therapeutic modalities should include management of antibiotic administration in such settings as the hospital, the office, or in conjunction with home-care services.  
Experience with pediatric infectious diseases is encouraged. Ambulatory care experience to provide both consultative services and continuing care in the broad field of general infectious diseases must be included in the training program.
2. Residents must have formal instruction, clinical experience, or opportunities to gain expertise in the prevention, evaluation, and management of the following disorders:
  - a. The febrile patient; specifically presenting in association with rash or as fever of unknown origin
  - b. Upper respiratory tract infections
  - c. Pleuropulmonary and bronchial infections
  - d. Urinary tract infections
  - e. Peritonitis and other intra-abdominal infections
  - f. Cardiovascular infections
  - g. Central nervous system infections
  - h. Skin and soft tissue infections
  - i. Infections related to trauma, including burns and animal and human bites
  - j. Gastrointestinal infections and food poisoning
  - k. Bone and joint infections
  - l. Infections of the reproductive organs
  - m. Sexually transmitted diseases
  - n. Infections of the eye
  - o. Viral hepatitis
  - p. Sepsis syndromes
  - q. Nosocomial infections
  - r. Human immunodeficiency virus infection and acquired immunodeficiency syndrome
  - s. Infections in the immunocompromised or neutropenic host
  - t. Infections in patients with acute leukemia and lymphomas
  - u. Infections in marrow transplant recipients
  - v. Infections in solid organ transplant recipients
  - w. Infections in geriatric patients
  - x. Infections in travelers
  - y. Infections in parenteral drug abusers

### B. Technical and Other Skills

The program must provide for instruction in the cognitive aspects of the following:

1. Mechanisms of action and adverse reactions of antimicrobial agents; the conduct of pharmacologic studies to determine absorption and excretion of antimicrobial agents; methods of determining antimicrobial activity of a drug; techniques to determine concentration of antimicrobial agents in the blood and other body fluids; the appropriate use and management of antimicrobial agents in a variety of clinical settings, including the hospital, ambulatory practice, and the home
2. The utility of procedures for specimen collection relevant to infectious disease, including but not limited to bronchoscopy, thoracentesis, arthrocentesis, lumbar puncture, and aspiration of abscess cavities, including soft-tissue infections

3. Culture techniques and methods for identification in tissues and fluids for bacteria, mycobacteria, fungi, viruses, rickettsiae, chlamydiae, and parasites
4. The sensitivity, specificity, efficacy, benefits, and risks of emerging technologies such as those for rapid microbiological diagnosis and the use and limitations of imaging techniques in the diagnosis and follow-up of infectious processes
5. Principles and practice of hospital epidemiology
6. Principles of chemoprophylaxis and immunoprophylaxis to enhance resistance
7. Mechanisms of actions of biological products, including monoclonal antibodies, cytokines, interferons, interleukins, and colony-stimulating factors, and their applications in the treatments of infectious diseases or their role in enhancing the immune response

### C. Formal Instruction

Additional specific content areas that must be included in the formal program (lectures, conferences, and seminars) include:

1. The factors that determine the outcome between host and parasite, including microbial virulence factors and host defense mechanisms
2. Basic concepts of immunology
3. The epidemiology, clinical course, manifestations, diagnosis, treatment, and prevention of major infectious agents including viruses, chlamydiae, mycoplasma and ureaplasma, rickettsioses, bacteria including spirochetes and mycobacteria, mycoses, protozoa, and helminths
4. Quality assurance and cost containment in the clinical practice of infectious diseases

### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Nephrology

### I. Educational Program

- A. A subspecialty educational program in nephrology must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 2 years in duration.
- B. Clinical experience must include opportunities to observe and manage patients with a wide variety of kidney-related diseases on an inpatient and outpatient basis. The residents must be given opportunities to assume continuing responsibility for both acutely and chronically ill patients in order to learn the natural history of renal diseases as well as the effectiveness of therapeutic programs.

### II. Faculty

See Section III, Faculty, of the Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### III. Facilities and Resources

- A. Modern inpatient, ambulatory care, and laboratory facilities to accomplish the overall educational program must be available and functioning. Specifically, there must be facilities for acute and long-term hemodialysis, continuous arterial or venovenous hemofiltration, acute and chronic peritoneal dialysis, renal biopsy, and lithotripsy. The following must be available: a radiology service that can provide modern renal-related procedures, a diagnostic radionuclide laboratory, electron microscopy for renal biopsy material, biochemistry and serologic laboratories, a nutrition support service, and relevant social services. A meaningful working relationship must exist with other services, including surgery, urology, obstetrics, gynecology, pediatrics, psychiatry, pathology, and radiology.
- B. The sponsoring institution must be approved to perform renal transplantation or have a formal written agreement with such an institution ensuring that nephrology residents receive the requisite experience with renal transplantation. The training program must have access to at least ten new renal transplants per year per clinical resident and be responsible for the longitudinal follow-up of at least 20 patients with transplants per resident.
- C. The training program should be of sufficient size to ensure adequate exposure of residents to patients with acute renal failure and a chronic dialysis patient population, including patients that utilize home dialysis treatment modalities, to ensure adequate training in chronic dialysis.
- D. The training program must afford the residents the opportunity to care for patients with renal and other disorders in the intensive care unit setting.

### IV. Specific Program Content

#### A. Clinical Experience

1. The training program must provide opportunities for residents to develop clinical competence in the field of nephrology. A sufficient number of new and follow-up patients of appropriate ages, including the adolescent and geriatric age groups, and of both sexes must be available to ensure adequate inpatient and outpatient experience for each subspecialty resident. A minimum of 12 months should be devoted to clinical experiences.
2. Experience in ambulatory settings that includes consultative as well as continuing care must occur at least ½ day each week throughout at least 18 months of the training program. Residents should, on average, be responsible for one to three new patients and three to six return patients during each half-day session.
3. Residents must have formal instruction, clinical experience, or opportunities to acquire expertise in the prevention, evaluation, and management of the following disorders:
  - a. Disorders of mineral metabolism, including nephrolithiasis and renal osteodystrophy
  - b. Disorders of fluid, electrolyte, and acid-base regulation
  - c. Acute renal failure
  - d. Chronic renal failure and its management by conservative methods, including nutritional management of uremia
  - e. End-stage renal disease
  - f. Hypertensive disorders
  - g. Renal disorders of pregnancy
  - h. Urinary tract infections
  - i. Tubulointerstitial renal diseases, including inherited diseases of transport, cystic diseases, and other congenital disorders
  - j. Glomerular and vascular diseases, including the glomerulonephritides, diabetic nephropathy, and atheroembolic renal disease
  - k. Disorders of drug metabolism and renal drug toxicity



4. Special experiences including specialty units and research experience.

a. Renal transplantation: Each resident must have a minimum of 2 months of experience, preferably consecutively, on an active renal transplant service. Clinical experience must entail supervised involvement in the decision making for patients during the pre- and posttransplant care. This experience must include:

1. Evaluation and selection of transplant candidates
2. Preoperative evaluation and preparation of transplant recipients
3. Immediate postoperative management of transplant recipients, including administration of immunosuppressants
4. Clinical diagnosis of all forms of rejection including laboratory, histopathologic, and imaging techniques
5. Medical management of rejection, including use of immunosuppressant drugs and other agents
6. Recognition and medical management of the surgical and nonsurgical complications of transplantations
7. Long-term follow-up of transplant recipients in the ambulatory setting

b. Dialysis and extracorporeal therapy: Each resident should have exposure to dialysis and extracorporeal therapies during the equivalent of at least 4 months of the training program. Clinical experience must entail supervised involvement in decision making for patients undergoing these therapies. This experience must include:

1. Evaluation and selection of patients for acute hemodialysis or continuous renal replacement therapies
2. Evaluation of end-stage renal disease patients for various forms of therapy and their instruction regarding treatment options
3. Drug dosage modification during dialysis and other extracorporeal therapies
4. Evaluation and management of medical complications in patients during and between dialyses and other extracorporeal therapies, including dialysis access, and an understanding of their pathogenesis and prevention
5. Long-term follow-up of patients undergoing chronic dialysis, including their dialysis prescription and modification and assessment of adequacy of dialysis
6. An understanding of the principles and practice of peritoneal dialysis, including the establishment of peritoneal access, the principles of dialysis catheters, and how to choose appropriate catheters
7. An understanding of the technology of peritoneal dialysis, including the use of cyclers
8. Assessment of peritoneal dialysis efficiency, using peritoneal equilibration testing and the principles of peritoneal biopsy
9. An understanding of how to write a peritoneal dialysis prescription and how to assess peritoneal dialysis adequacy
10. The pharmacology of commonly used medications and their kinetic and dosage alteration with peritoneal dialysis
11. An understanding of the complications of peritoneal dialysis, including peritonitis and its treatment, exit site and tunnel infections and their management, hernias, plural effusions, and other less common complications and their management
12. An understanding of the special nutritional requirements of the hemodialysis and peritoneal dialysis patient

**B. Technical and Other Skills**

1. The procedural skills in which residents must be given sufficient experience to gain expertise, including the indications, contraindications, complications, and interpretation of results, are
  - a. Urinalysis
  - b. Percutaneous biopsy of both autologous and transplanted kidneys
  - c. Peritoneal dialysis
  - d. Placement of temporary vascular access for hemodialysis and related procedures
  - e. Acute and chronic hemodialysis
  - f. Placement of peritoneal catheters
  - g. Renal ultrasound
  - h. Continuous hemofiltration, arteriovenous and/or venovenous
2. Residents are encouraged to develop knowledge and expertise in the following procedures, including their cost-effectiveness and application to patient care:
  - a. Radiology of vascular access
  - b. Balloon angioplasty of vascular access
  - c. Therapeutic plasmapheresis
  - d. Bone biopsy
  - e. Placement of peritoneal catheters

**C. Formal Instruction**

1. Specific content areas that must be included in the formal program (lectures, conferences, and seminars) include:
  - a. Renal anatomy, physiology, and pathology
  - b. Pathogenesis, natural history, and management of congenital and acquired diseases of the kidney and urinary tract and renal diseases, associated with systemic disorders such as diabetes, collagen-vascular diseases, and pregnancy
  - c. Normal mineral metabolism and its alteration in renal diseases, metabolic bone disease, and nephrolithiasis
  - d. Normal and abnormal blood pressure regulation
  - e. Clinical pharmacology, including drug metabolism and pharmacokinetics and the effects of drugs on renal structure and function
  - f. Nutritional aspects of renal disorders
  - g. Immunology, including:
    1. Basic principles
    2. Immunologic mechanisms of renal disease
    3. Fundamental aspects of diagnostic laboratory immunology relevant to renal diseases
  - h. Transplantation—the structured curriculum for renal transplantation must, as a minimum, include:
    1. Biology of transplantation rejection
    2. Indications for and contraindications to renal transplantation
    3. Principles of transplant recipient evaluation and selection
    4. Principles of evaluation of transplant donors, both live and cadaveric, including histocompatibility testing
    5. Principles of organ harvesting, preservation, and sharing
    6. Psychosocial aspects of organ donation and transplantation
    7. The pathogenesis and management of urinary tract infections
    8. The pathogenesis and management of acute renal failure
    9. Indications for and interpretations of radiologic tests of the kidney and urinary tract
    10. Disorders of fluids and electrolytes and acid-base balance
  - i. Dialysis and extracorporeal therapy
    1. The kinetic principles of hemodialysis and peritoneal dialysis
    2. The indication for each mode of dialysis
    3. The short-term and long-term complications of each mode of dialysis and their management

4. The principles of dialysis access (acute and chronic vascular and peritoneal), including indications, techniques, and complications
5. Urea kinetics and protein catabolic rate
6. Dialysis modes and their relation to metabolism
7. Nutritional management of dialysis patients
8. Dialysis water treatment, delivery systems, and reuse of artificial kidneys
9. The artificial membranes used in hemodialysis and biocompatibility
10. The psychosocial and ethical issues of dialysis

#### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

#### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Oncology

### I. Educational Program

- A. A subspecialty educational program in oncology must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 2 years in duration.
- B. Clinical experience must include opportunities to observe and manage patients with a wide variety of neoplastic diseases on an inpatient and outpatient basis. The resident must be given opportunities to assume continuing responsibility for both acutely and chronically ill patients to learn the natural history of cancer as well as the effectiveness of therapeutic programs.
- C. The program should include emphasis on basic pathophysiologic mechanisms and therapy of oncologic diseases. Appropriate utilization of laboratory tests, imaging techniques, biopsies, and procedures used for the diagnosis and treatment of oncologic disorders must be stressed.

### II. Faculty

- A. See Section III, Faculty, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.
- B. Faculty members who are subspecialty certified by the American Board of Internal Medicine in their respective disciplines or who have obtained equivalent training and experience in infectious disease, pulmonary disease, endocrinology, gastroenterology, and hematology must be available to participate in the education of residents in oncology. The program must also have the support of other clinical specialties, including psychiatry, gynecology, pediatrics, nuclear medicine, pathology, neurology, neurosurgery, radiation therapy, and surgical specialties.

### III. Facilities and Resources

- A. Modern inpatient, ambulatory care, and laboratory facilities to accomplish the overall educational program must be available and functioning. Specifically, there must be advanced pathology services, including immunopathology, resources for nuclear medicine imaging, blood banking, blood therapy facilities, and radiation oncology facilities. There must also be electron microscopy facilities available for clinical pharmacology and tumor

immunology. A modern diagnostic radiologic service, a general surgical service and its support, and pediatric support must be available. The program must also participate in a multidisciplinary tumor conference and cancer protocol studies.

- B. It is highly desirable to have the support of oncologic nursing, rehabilitation medicine, pain management, dietetic, and social services so that the resident may see the role of other specialties in the total care of the cancer patient.

## IV. Specific Program Content

### A. Clinical Experience

The training program must have enough patients to provide opportunity to develop clinical competence in the broad field of oncology. Inpatient assignments should be of sufficient duration to permit continuing care of a majority of the patients throughout their hospitalization. In addition, the program must provide residents with experience in an ambulatory care setting at least ½ day each week for the entire 2 years of training.

### B. Technical and Other Skills

1. The program must provide residents with the opportunity to develop competence to work effectively as part of a multidisciplinary team.
2. The program must provide the opportunity to gain competence or expertise in the performance and (where applicable) interpretation of the following:
  - a. Serial measurement of palpable tumor masses
  - b. Bone marrow aspiration and biopsy and their interpretation
  - c. Administration of chemotherapeutic agents and biological products through all therapeutic routes
  - d. Management and care of indwelling access catheters
  - e. Measurement of the complete blood count, including platelets and white cell differential, using automated or manual techniques with appropriate quality control
  - f. Therapeutic thoracentesis and paracentesis
  - g. Pelvic examination
  - h. Correlation of clinical information with the findings of cytology, histology, and imaging techniques

### C. Specific Program Content

The residents should have formal instruction, clinical experience, and opportunities to acquire knowledge in the following:

1. The etiology of cancer, including predisposing causal factors leading to neoplasia
2. Fundamental concepts of cellular and molecular biology, cytogenetics, immunology, basic and clinical pharmacology, pharmacokinetics, toxicity, and tumor immunology
3. Etiology, epidemiology, and natural history of cancer
4. Diagnosis, pathology, staging, and management of neoplastic disorders
5. Immune markers, immunophenotyping, cytochemical studies, and cytogenetic and DNA analysis of neoplastic disorders
6. Molecular mechanisms of neoplasia, including the nature of oncogenes and their products
7. Principles of gynecologic oncology
8. Pathophysiology and patterns of tumor metastases
9. Indications and application of imaging techniques in patients with neoplastic disorders
10. Chemotherapeutic drugs, biologic products, and growth factors and their mechanisms of action, pharmacokinetics, clinical indications and limitations, including their effects, toxicity, and interactions
11. Multiagent chemotherapeutic protocols and combined modality therapy of neoplastic disorders

12. Principles, indications, and limitations of surgery and radiation therapy in the treatment of cancer
13. Principles of, indications for, and complications of bone marrow transplantation and peripheral stem cell harvests, including the management of posttransplant complications
14. Thin (or fine) needle aspiration biopsy
15. Concepts of supportive care, including hematologic, infectious disease, and nutritional
16. Management of the neutropenic and/or immunocompromised patient
17. Pain management in the cancer patient
18. Rehabilitation and psychosocial aspects of clinical management of the cancer patient
19. Hospice and home care for the cancer patient
20. Recognition and management of paraneoplastic disorders
21. Cancer prevention and screening
22. Clinical epidemiology and medical statistics, including clinical study and experimental protocol design, data collection, and analysis
23. Participation in a tumor board
24. Personal development, attitudes, and coping skills of physicians and other health-care professionals who care for critically ill patients
25. Human immunodeficiency virus-related malignancies

#### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

#### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Pulmonary Disease

### I. Educational Program

- A. A subspecialty educational program in pulmonary disease must be organized to provide training and expertise at a sufficient level for the resident to acquire the competency of a specialist in the field. It must be 2 years in duration.
- B. Clinical experience must include opportunities to observe and manage inpatients and outpatients with a wide variety of pulmonary disease. The residents must be given opportunities to assume continuing responsibility for both acutely and chronically ill patients in order to learn the natural history of pulmonary disease as well as the effectiveness of therapeutic programs.

### II. Faculty

See Section III, Faculty, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### III. Facilities and Resources

- A. Modern facilities to accomplish the overall educational program must be available and functioning at the primary training site. These include inpatient and ambulatory care facilities, a laboratory for pulmonary function tests and exfoliative cytology, and extensive pathology services. Appropriate space and staffing for pulmonary procedures must be available. Finally, special facilities for intensive care, postoperative care, and respiratory care services must also be provided at the primary training site.

- B. There should be a close liaison with other services, including pediatrics, radiology, pathology, thoracic surgery, microbiology, laboratory medicine, occupational medicine, immunology, physical medicine, and rehabilitation. In addition, there should be a working relationship with the otolaryngology and anesthesiology services. A sleep laboratory must also be available.

### IV. Specific Program Content

The training program must provide the environment, patient population, and resources for residents to develop clinical competence in the field of pulmonary diseases. All elements of the specific content must be provided either by clinical experience and/or by didactic instruction.

#### A. Clinical Experience

The program must provide the environment and resources for residents to acquire knowledge of and have clinical experience with a broad spectrum of pulmonary disease including but not limited to the following:

1. Obstructive lung diseases, including asthma, bronchitis, emphysema, bronchiectasis, and cystic fibrosis
2. Pulmonary malignancy—primary and metastatic
3. Pulmonary infections, including tuberculous, fungal, and those in the immunocompromised host, eg, human immunodeficiency virus-related infections
4. Diffuse interstitial lung disease
5. Pulmonary vascular disease, including primary and secondary pulmonary hypertension and the vasculitis and pulmonary hemorrhage syndromes
6. Occupational and environmental lung diseases
7. Iatrogenic respiratory diseases, including drug-induced disease
8. Acute lung injury, including radiation, inhalation, and trauma
9. Pulmonary manifestations of systemic diseases, including collagen vascular disease and diseases that are primary in other organs
10. Respiratory failure, including the adult respiratory distress syndrome, acute and chronic respiratory failure in obstructive lung diseases, and neuromuscular respiratory drive disorders
11. Disorders of the pleura and the mediastinum
12. Genetic and developmental disorders of the respiratory system
13. Sleep disorders

#### B. Technical and Other Skills

1. The program must provide the environment and resources for the resident to acquire knowledge of and competence in performing the following:
  - a. Pulmonary function tests to assess respiratory mechanics, gas exchange, and respiratory drive, including spirometry, flow volume studies, lung volumes, diffusing capacity, arterial blood gas analysis, and exercise studies
  - b. Calibration and operation of hemodynamic recording systems
  - c. Diagnostic and therapeutic procedures, including thoracentesis, pleural biopsy, flexible fiber-optic bronchoscopy and related procedures, endotracheal intubation, percutaneous arterial puncture and cannulation, central venous catheterization, and pulmonary artery balloon flotation catheterization
  - d. Ventilatory support, weaning, and respiratory care techniques
  - e. Examination and interpretation of sputum, bronchopulmonary secretions, pleural fluid/tissue, and lung tissue for infectious agents, cytology, and histopathology
2. The program should provide the environment and resources for the resident to develop clinical competence in performing the following:
  - a. Inhalation challenge studies

- b. Thoracostomy tube insertion and drainage
- c. Percutaneous needle aspiration and/or cutting lung biopsy
- d. Endobronchial laser therapy
- 3. The program must provide the environment and resources for the resident to acquire knowledge of and ability to interpret the following:
  - a. Imaging procedures, including chest roentgenograms, computed axial tomograms, radionuclide scans, pulmonary angiograms, and other radiologic procedures
  - b. Sleep studies
- 4. The program must provide the environment and resources for residents to develop expertise in monitoring and supervising special services, including:
  - a. Critical care or respiratory care units
  - b. Pulmonary function laboratories
  - c. Respiratory physical therapy and rehabilitation
  - d. Respiratory care techniques and services

### C. Basic Sciences

The program must provide instruction in the basic sciences with particular emphasis on:

- 1. Molecular biology
- 2. Pulmonary physiology
- 3. Pulmonary immunology

### D. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### E. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Pulmonary Disease and Critical Care Medicine

### I. Educational Program

- A. A combined subspecialty program in pulmonary disease and critical care medicine must be organized to provide training and experience at a sufficient level for the resident to acquire the competency of a specialist in both disciplines. Because of some degree of congruity in the knowledge base, the clinical skills, and the patient populations for each of these subspecialty areas, it is possible to compress the duration of the educational experience and still ensure these competencies. However, the combined training program must be 3 years in duration, and all of the educational experiences and program content explicitly required for a training program in each area must be present in the combined program.
- B. With respect to pulmonary disease, clinical experience must include opportunities to observe and manage inpatients and outpatients with a wide variety of pulmonary disease. The residents must be given opportunities to assume continuing responsibility for both acutely and chronically ill patients in order to learn the natural history of pulmonary disease as well as the effectiveness of therapeutic programs. There should be an educational emphasis on pulmonary physiology and its correlation with clinical disorders.

- C. With respect to critical care medicine, the program must be structured to provide at least 12 months of meaningful patient care responsibility in critical care units; at least 6 of these months must be devoted to the care of critically ill medical patients in a medical intensive care unit (MICU), a cardiac intensive care unit (CICU), or equivalent. If there is a separate CICU, residents must spend at least 1 month in that unit.
- D. To provide evidence of substantial institutional support in those disciplines most relevant to critical care medicine, the sponsoring institution's primary training site must sponsor accredited subspecialty programs in cardiovascular disease and infectious disease as well as an accredited residency program in general surgery. The presence of training programs in these disciplines ensures the extensive educational, patient care, and research resources that are essential to the learning environment for critical care medicine residents. Furthermore, peer interaction is essential in the education of critical care medicine residents.
- E. The sponsoring institution(s) must care for patients with major trauma and must have an active open heart surgery program.
- F. Institutional policies should be established to govern the educational resources committed to critical care training programs and to ensure cooperation of all involved disciplines.

### II. Faculty and Organization of the Staff

- A. The training program must be under the direction of an internist who is certified in pulmonary disease and/or critical care medicine by the American Board of Internal Medicine or who has obtained equivalent training and experience. If the program director does not have appropriate credentials in both specialties, an appropriately credentialed full-time faculty member must be identified as responsible for the educational program in the second specific area.
- B. The combined subspecialty program faculty at the primary training site must include a minimum of six (three for each discipline) qualified teaching faculty members, including the program director. Each must devote at least 20 hours per week to teaching, research, administration, and/or the critical evaluation of the performance, progress, and competence of the resident. At least two of these faculty must be certified in pulmonary disease (or possess equivalent qualifications) and at least two must be certified in critical care medicine (or possess equivalent qualifications). For programs with more than six residents enrolled, a ratio of such faculty to residents of at least 1:1 must be maintained.

The primary training site must also have (1) at least two institutionally based faculty members each in nephrology, gastroenterology, and hematology who devote substantial effort to the education of critical care medicine residents and (2) faculty members in geriatric medicine and oncology who participate in the education of residents.

All faculty noted above must be certified in their subspecialties by the American Board of Internal Medicine or possess equivalent qualifications.

Faculty members in anesthesiology, neurology, and neurosurgery who are certified by an American Board of Medical Specialties member board in their respective disciplines or who have equivalent training and experience must also participate at the primary training site in the education of residents in critical care medicine.

- C. The critical care teaching staff must have privileges regarding the admission, treatment, and discharge of their own patients on critical care units.
- D. Because critical care training is multidisciplinary in nature, faculty from several related disciplines, such as general surgery,

thoracic surgery, urology, orthopaedic surgery, and obstetrics-gynecology, must be available to participate in the training program. A collegial relationship must exist between the director of the critical care training program and the teaching staff to enhance the educational opportunities for all internal medicine residents and subspecialty residents. See General Information Section, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.)

### III. Facilities and Resources

A. Modern facilities to accomplish the overall educational program must be available and functioning at the primary training site. These include inpatient and ambulatory care facilities, a laboratory for pulmonary function tests and exfoliative cytology, and extensive pathology services.

Appropriate space and staffing for pulmonary procedures must be available at the primary training site. Facilities for training in microbiology procedures, pulmonary rehabilitation, and a sleep laboratory also must be available.

B. The critical care unit(s) must be located in a designated area within the hospital and must be constructed and designed specifically for the care of critically ill patients. Whether operating in separate locations or in combined facilities, the program must provide the equivalent of a medical intensive care unit, a surgical intensive care unit, and a coronary care unit. Available facilities must be adequate to care for patients with acute myocardial infarction, severe trauma, shock, recent open heart surgery, recent major thoracic or abdominal surgery, and severe neurologic and neurosurgical conditions.

C. In units to which a resident is assigned, an average census of at least five patients per resident is required. A sufficient number of knowledgeable personnel and the necessary equipment to care for critically ill patients must be available. Personnel should include specially trained nurses and technicians who are skilled in critical care instrumentation, respiratory function, and laboratory medicine. A supporting laboratory should be available to provide complete and prompt laboratory evaluation. Modern imaging services and an active emergency service must be available. Nutritional support services also must be available.

### IV. Specific Program Content

A. The training program must provide the environment, patient population, and resources for residents to develop clinical competence in the fields of pulmonary diseases and critical care medicine. It must include a minimum of 6 months of training specific to pulmonary disease and 6 months of training specific to critical care medicine. It may include up to 6 months of experience common to both disciplines.

B. Because critical care medicine is multidisciplinary in nature, clinical experience must include opportunities to manage adult patients with a wide variety of serious illnesses and injuries requiring treatment in a critical care setting. Therefore, residents should be assigned for a minimum of 3 months to additional rotations, which may include surgical, shock/trauma, and/or neurologic/neurosurgical intensive care units; pediatric intensive care unit; cardiac catheterization laboratory; burn unit; dialysis unit; anesthesia service; high-risk pregnancy intensive care unit; and transplant unit.

C. The resident must be given opportunities to assume responsibility, under appropriate supervision, for the care of patients throughout their stay in the critical care unit(s) and to monitor the subsequent course of patients throughout the remainder of their hospital stay. To assess the various aspects of critical care, the resident also must have organized opportunities to learn

about former critical care patients after hospital discharge, including clinical pathological correlations when appropriate.

- D. Opportunities also must be available for residents to acquire those skills required to organize, administer, and direct a critical care unit and to work effectively as a member of a multidisciplinary team.
- E. For training in pulmonary disease, the program must provide the environment and resources for residents to acquire knowledge of and have clinical experience with a broad spectrum of pulmonary disease, including but not limited to the following:
1. Obstructive lung diseases, including asthma, bronchitis, emphysema, bronchiectasis, and cystic fibrosis
  2. Pulmonary malignancy—primary and metastatic
  3. Pulmonary infections, including tuberculous, fungal, and those in the immunocompromised host
  4. Diffuse interstitial lung disease
  5. Pulmonary vascular disease, including primary and secondary pulmonary hypertension and the vasculitis and pulmonary hemorrhage syndromes
  6. Occupational and environmental lung diseases
  7. Iatrogenic respiratory diseases, including drug-induced disease
  8. Acute lung injury, including radiation, inhalation, and trauma
  9. Pulmonary manifestations of systemic diseases, including collagen vascular diseases that are primary in other organs
  10. Respiratory failure, including the adult respiratory distress syndrome, acute and chronic respiratory failure in obstructive lung diseases, and neuromuscular respiratory drive disorders
  11. Disorders of the pleura and the mediastinum
  12. Genetic and developmental disorders of the respiratory system
  13. Sleep disorders
- F. The program must provide the environment and resources for the resident to acquire knowledge (indications, contraindications, complications, and limitations) of and competence in performing the following:
1. Establishment of airway
  2. Maintenance of open airway in nonintubated, unconscious, paralyzed patients
  3. Oral and nasotracheal intubation
  4. Breathing, ventilation
    - a. Ventilation by bag or mask
    - b. Mechanical ventilation using pressure-cycled, volume-cycled, and negative pressure mechanical ventilators
    - c. Use of reservoir masks and continuous positive airway pressure masks for delivery of supplemental oxygen, humidifiers, nebulizers, and incentive spirometry
    - d. Weaning and respiratory care techniques
    - e. Management of pneumothorax (needle insertion and drainage systems)
  5. Maintenance of circulation
    - a. Arterial puncture and blood sampling
    - b. Insertion of central venous, arterial, and pulmonary artery balloon flotation catheters
    - c. Basic and advanced cardiopulmonary resuscitation
    - d. Cardioversion
  6. Pulmonary function tests to assess respiratory mechanics, gas exchange, and respiratory drive, including spirometry, flow volume studies, lung volumes, diffusing capacity, arterial blood gas analysis, and exercise studies
  7. Diagnostic and therapeutic procedures, including thoracentesis, pleural biopsy, flexible fiber-optic bronchoscopy, and related procedures

8. Calibration and operation of hemodynamic recording systems
  9. Ventilatory support, weaning, and respiratory care techniques
  10. Examination and interpretation of sputum, bronchopulmonary secretions, pleural fluid/tissue, and lung tissue for infectious agents; cytology; and histopathology
- G. The program must provide the environment and resources for the resident to acquire knowledge of and ability to interpret the following:
1. Imaging procedures including:
    - a. Chest roentgenograms
    - b. Computed axial tomograms
    - c. Radionuclide scans
    - d. Pulmonary angiograms
    - e. Other radiologic procedures
  2. Sleep studies
- H. The program must provide the environment and resources for residents to develop expertise in monitoring and supervising special services, including:
1. Critical care units
  2. Pulmonary function laboratories
  3. Respiratory physical therapy and rehabilitation services
  4. Respiratory care techniques and services
- I. The program should provide the environment and resources for the resident to develop clinical competence in performing the following:
1. Inhalation challenge studies
  2. Thoracostomy tube insertion and drainage
- J. In addition to the educational experience listed above, the training program must provide opportunities for the residents to acquire knowledge of and to develop clinical competence in critical care medicine. Because critical care medicine deals primarily with acutely life-threatening conditions in which multiple organ failure is common, the curriculum must exhibit, as a minimum, the following content areas:
1. Physiology, pathophysiology, molecular biology, diagnosis, and therapy of disorders of the cardiovascular, respiratory, renal, gastrointestinal, genitourinary, neurologic, endocrine, hematologic, musculoskeletal, and immune systems as well as of infectious diseases
  2. Electrolyte and acid-base physiology, pathophysiology, diagnosis, and therapy
  3. Metabolic, nutritional, and endocrine effects of critical illnesses
  4. Hematologic and coagulation disorders secondary to critical illnesses
  5. Critical obstetric and gynecologic disorders
  6. Management of the immunosuppressed patient
  7. Management of anaphylaxis and acute allergic reactions
  8. Trauma
  9. Pharmacokinetics, pharmacodynamics, drug metabolism and excretion in critical illness
  10. Use of paralytic agents
  11. Ethical, economic, and legal aspects of critical illness
  12. Psychosocial and emotional effects of critical illnesses
  13. Iatrogenic and nosocomial problems in critical care medicine
  14. Personal development, attitudes, and coping skills of physicians and other health-care professionals who care for critically ill patients
  15. Biostatistics and experimental design
  16. Occupational Safety and Health Administration (OSHA) regulations and universal precautions and protection of health-care workers
- K. The training program must provide opportunities for residents to learn the indications, contraindications, limitations, and complications of the following critical care procedures and the technical skills necessary to perform them:
1. Parenteral nutrition
  2. Monitoring/bioengineering
    - a. Utilization, zeroing, and calibration of transducers
    - b. Use of amplifiers and recorders
- L. The program also must provide opportunities to learn the indications, contraindications, limitations, and complications of the following procedures. Practical experience is recommended.
1. Pericardiocentesis
  2. Transvenous pacemaker insertion
  3. Peritoneal dialysis
  4. Peritoneal lavage
  5. Aspiration of major joints
  6. Percutaneous needle aspiration and/or cutting lung biopsy
  7. Endobronchial laser therapy
  8. Intracranial pressure monitoring
- M. Experience also must be provided in the analysis of data pertaining to the following:
1. Cardiac output determinations by thermodilution and/or other techniques
  2. Evaluation of oliguria
  3. Management of massive transfusions
  4. Management of hemostatic defects
  5. Interpretation of antibiotic levels and sensitivities
  6. Monitoring and assessment of metabolism and nutrition
  7. Calculation of oxygen content, intrapulmonary shunt, and alveolar arterial gradients
  8. Pharmacokinetics

## V. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

## VI. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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# Program Requirements for Residency Education in Rheumatology

## I. Educational program

A subspecialty educational program in rheumatology must be organized to provide training and experience at a level sufficient for the resident to acquire competence in the field. It must be 2 years in duration.

## II. Faculty

See Section III, Faculty, of the Program Requirements for Residency Education in the Subspecialties of Internal Medicine. The faculty must include individuals with sufficient knowledge of biochemistry, molecular genetics, immunology, and pathology of connective tissue and the immune system to provide a strong background in basic science as well as competence in clinical rheumatology.

## III. Facilities and Resources

A. Modern facilities to accomplish the overall educational program must be available and functioning at the primary educational site. These include inpatient facilities for acute and chronic care

at primary, secondary, and tertiary levels; imaging facilities, including computerized tomography and magnetic resonance imaging; and a fully equipped clinical laboratory providing service on a 24-hour basis and equipped with a compensated polarized light microscope for use by residents. Rehabilitation medicine facilities and ambulatory care facilities also must be available. Resources for specialized tests used by rheumatologists must be available on the premises or by contract arrangement.

B. There must be a meaningful working relationship, including availability for teaching and consultation at the primary site, with faculty in radiology and orthopaedic surgery and also with allied health professionals in physical therapy and occupational therapy.

#### IV. Specific Program Content

##### A. Clinical Experience

1. Clinical experience must include opportunities to manage both inpatients and outpatients with rheumatic diseases and other illnesses with rheumatologic manifestations as a member of a multidisciplinary team.
2. The training program must provide the environment and resources for the residents to gain experience in the diagnosis and treatment of patients with:
  - a. Diffuse connective tissue diseases
  - b. Rheumatoid arthritis
  - c. Systemic lupus erythematosus
  - d. Scleroderma
  - e. Polymyositis
  - f. Spondyloarthropathies
  - g. Vasculitis
  - h. Crystal-induced synovitis
  - i. Osteoarthritis
  - j. Nonarticular rheumatic diseases, including fibromyalgia
  - k. Nonsurgical, exercise-related (sports) injury
  - l. Systemic diseases with rheumatic manifestations
  - m. Metabolic diseases of bone (including osteoporosis)
  - n. Infection of joints
  - o. Joint surgery
  - p. Rheumatologic problems requiring rehabilitation therapy

It is desirable that programs with the qualified faculty and facilities provide training in pediatric rheumatic disease.

##### B. Ambulatory Care

Each resident must have the equivalent of a full day of continuity care experience each week for the first 12 months and at least ½ day a week for the second 12 months. During each half-day session, one to three new patients and four to eight return patients must be seen by each resident.

##### C. Technical and Other Skills

1. The program must provide sufficient experience for the resident to acquire skill in the performance and interpretation of:
  - a. The use of nonsteroidal anti-inflammatory drugs, disease-modifying drugs, biologic response modifiers, glucocorticoids, cytotoxic drugs, antihyperuricemic drugs, and antibiotic therapy for septic joints
  - b. Examination of patients, to include a specific examination of structure and function of all joints, both axial and peripheral, as well as periarticular structure and muscle units
  - c. Construction of differential diagnosis for complexes of symptoms and signs related to rheumatologic diseases
  - d. Diagnostic aspiration and analysis by light and polarized light microscopy of synovial fluid from diarthrodial joints, bursae, and tenosynovial structures

- e. Therapeutic injection of diarthrodial joints, bursae, tenosynovial structures, and entheses
2. The program must provide sufficient experience for the resident to acquire skill in the performance and/or interpretation of:
    - a. Biopsies of tissues relevant to the diagnosis of rheumatic diseases
    - b. Bone and joint imaging techniques, including bone density measurements
    - c. Nailfold capillary microscopy
    - d. Administration of controlled clinical trials in rheumatic diseases
  3. The program must provide residents with sufficient experience in the indications for arthroscopy.
  4. The program must provide opportunities for residents to acquire skill in understanding electromyogram and nerve conduction studies.

##### D. Formal Instruction

Additional specific content areas that, as a minimum, must be included in the formal program (lectures, conferences, and seminars) include:

1. Anatomy, genetics, immunology, biochemistry, and physiology of connective tissue, bone, muscle, including purine metabolism
2. Pathologic aspects of rheumatic diseases and metabolic diseases of bone, including osteoporosis
3. Nonarticular manifestations of rheumatic diseases
4. Emotional factors that influence or result from rheumatic diseases
5. The scientific basis of the methodology, indications, and interpretations of laboratory tests and imaging procedures used in diagnosis and follow-up of patients with rheumatic diseases
6. Indications for and interpretation of electromyograms, nerve conduction studies, and muscle/nerve biopsy
7. Pharmacology, pharmacokinetics, drug metabolism, drug side effects, drug interactions, and costs of therapy of agents used in the therapy of rheumatologic diseases
8. Principles of rehabilitation (physical therapy and occupational therapy) for patients with rheumatic diseases and exercise-related (sports) illnesses
9. Indications for surgical and orthopaedic consultation in acute and chronic rheumatic diseases
10. Basic principles of decision analysis relating to diagnostic tests to define illness and recommend therapy
11. Principles of clinical epidemiology and health services research, including biostatistics, medical information systems, information sciences, critical literature review, and clinical trials and experimental protocol research design
12. Rheumatic problems in the geriatric population
13. Ethical and socioeconomic issues relating to the practice of rheumatology

##### E. Research Experience

See paragraphs K and L, Section V, Specific Program Content, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

##### F. Evaluation

See Section VI, Evaluation, Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

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## Program Requirements for Residency Education in Internal Medicine Sports Medicine

### I. Introduction

In addition to complying with the requirements below, each program must comply with the Program Requirements for Residency Education in the Subspecialties of Internal Medicine.

### II. Scope and Duration of Training

An educational program in sports medicine must be organized to provide a well-supervised experience at a level sufficient for the resident to acquire the competence of a physician with added qualifications in this field. It shall be 1 year in duration.

The practice of sports medicine is the application of the physician's knowledge, skills, and attitudes to those engaged in sports and exercise. Thus, the program must provide training in the development of the clinical competencies needed to diagnose and manage medical illnesses and injuries related to sports and exercise, for example, first-degree sprains, strains, and contusions, including appropriate referrals of, for example, fractures, dislocations, and third-degree sprains. Clinical experience must include injury prevention, preparticipation evaluation, management of acute and chronic illness or injury, and rehabilitation as applied to a broad spectrum of undifferentiated patients. There must be experience functioning as a team physician and in the promotion of physical fitness and wellness.

The program should emphasize physiology and biomechanics; principles of nutrition; pathology and pathophysiology of illness and injury; pharmacology; effects of therapeutic, performance-enhancing, and mood-altering drugs; psychological aspects of exercise, performance, and competition; ethical principles; and medical-legal aspects of exercise and sports.

### III. Teaching Staff

In addition to the program director, each program must have at least one other faculty member with similar qualifications who devotes a substantial portion of professional time to the training program.

The teaching staff must include orthopedic surgeons who are engaged in the operative management of sports injuries and other conditions and who are readily available to teach and provide consultation to the residents. Teaching staff from the disciplines of nutrition, pharmacology, pathology, exercise physiology, physical therapy, behavioral science, physical medicine and rehabilitation, and clinical imaging also should be available to assist in the educational program. Coaches and athletic trainers also should be included.

### IV. Facilities and Resources

The program must include the following:

#### A. Patient Population

A patient population that is unlimited by age or gender and is adequate in number and variety to meet the needs of the training program must be available. The program director must ensure that residents are accorded meaningful patient responsibility with the supervision of a faculty member at all facilities and sites.

#### B. Sports Medicine Clinic

There must be an identifiable clinic that offers continuing care to patients who seek consultation regarding sports- or exercise-related health problems. The nonsurgical residents must be super-

vised by a physician who has qualifications in sports medicine and is certified by the American Board of Emergency Medicine, the American Board of Family Practice, the American Board of Internal Medicine, or the American Board of Pediatrics or who possesses suitable equivalent qualifications.

Adequate, up-to-date diagnostic imaging and rehabilitation services must be readily available and accessible to clinic patients. Consultation in medical and surgical subspecialties, physical therapy, nursing, nutrition, and pharmacy must be available. The opportunity to render continuing care and to organize recommendations from other specialties and disciplines is mandatory and will require that medical records include information pertinent to the assessment and management of patients with health problems related to sports and exercise.

#### C. Sporting Events/Team Sports/Mass-Participation Events

The program must have access to sporting events, team sports, and mass-participation events during which the resident can have meaningful patient responsibility.

#### D. Acute-Care Facility

There must be an acute-care hospital with a full range of services associated with and in proximity to the sponsoring residency. This facility must be readily accessible to patients served by the program.

### V. Educational Program

The curriculum must provide the educational experiences necessary for the residents to achieve the cognitive knowledge, psychomotor skills, interpersonal skills, professional attitudes, and practical experience required of physicians in the care of patients with health problems related to sports and exercise.

Didactic as well as clinical learning opportunities must be provided as part of the required curriculum for all residents. Conferences or seminars/workshops in sports medicine should be specifically designed for the residents to augment the clinical experiences.

All educational activities must be adequately supervised while allowing the resident to assume progressive responsibility for patient care. The clinical activities in sports medicine should represent a minimum of 50% of the time in the program. The remainder of the time should be spent in didactic, teaching, and/or research activities and in the primary care or emergency medicine ambulatory facility.

Residents must spend ½ day per week maintaining their skills in their primary specialty.

Participation in the following must be required of all residents:

#### A. Preparticipation Evaluation of the Athlete

The program must ensure that all sports medicine residents are involved in the development and conduct of preparticipation examination programs.

#### B. Acute Care

The resident must have appropriate authority and responsibility to participate meaningfully in the medical care that is provided to acute-care patients (see Scope and Duration of Training, above). In addition, the program should arrange for residents to observe representative inpatient and outpatient operative orthopedic procedures.

#### C. Sports Medicine Clinic Experience

The resident must attend patients in a continuing, comprehensive manner, providing consultation for health problems related to sports and exercise. The resident shall spend at least 1 day per week for 10 months of the training period in this activity.

If patients are hospitalized, the resident should follow them during their inpatient stay and resume outpatient care following the



hospitalization. Consultation with other physicians and professionals in other disciplines should be encouraged.

#### **D. On-Site Sports Care**

The resident should participate in planning and implementation of all aspects of medical care at various sporting events. The program must ensure that supervised sports medicine residents provide on-site care and management to participants in these events.

In addition, the resident must participate in the provision of comprehensive and continuing care to a sports team. Preferably, the experience should include several teams that engage in seasonal sports.

#### **E. Mass-Participation Sports Events**

The resident should participate in the planning and implementation of the provision of medical coverage for at least one mass-participation event. The program must ensure that its residents have experience that includes providing medical consultation, direct patient care, event planning, protection of participants, coordination with local EMS systems, and other medical aspects of those events.

### **VI. Specific Knowledge and Skills**

#### **A. Clinical**

The program must provide educational experiences for the residents to develop clinical competence in the overall field of sports medicine.

The curriculum must include but not be limited to the following content and skill areas:

1. Anatomy, physiology, and biomechanics of exercise
2. Basic nutritional principles and their application to exercise
3. Psychological aspects of exercise, performance, and competition
4. Guidelines for evaluation prior to participation in exercise and sport
5. Physical conditioning requirements for various activities
6. Special considerations related to age, gender, and disability
7. Pathology and pathophysiology of illness and injury as it relates to exercise
8. Effects of disease, eg, diabetes, cardiac conditions, and arthritis, on exercise and the use of exercise in the care of medical problems
9. Prevention, evaluation, management, and rehabilitation of injuries
10. Understanding pharmacology and effects of therapeutic, performance-enhancing, and mood-altering drugs
11. Promotion of physical fitness and healthy lifestyles
12. Functioning as a team physician
13. Ethical principles as applied to exercise and sports
14. Medical-legal aspects of exercise and sports
15. Environmental effects on exercise
16. Growth and development related to exercise

#### **B. Patient Education/Teaching**

The program must provide the experiences necessary for the residents to develop and demonstrate competence in patient education regarding sports and exercise. They must have experience teaching others, eg, nurses, allied health personnel, medical students, residents, coaches, athletes, other professionals, and members of patients' families. There also must be relevant experience working in a community sports medicine network involving parents, coaches, certified athletic trainers, allied medical personnel, residents, and physicians.

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## **Program Requirements for Residency Education in Medical Genetics**

### **I. Duration and Scope of Accredited Programs in Medical Genetics**

#### **A. Description of the Specialty**

1. Clinical medical geneticists are physicians who provide comprehensive diagnostic, management, and genetic counseling services for patients with genetic, or possibly genetic, disorders. They also plan and coordinate large-scale screening programs for inborn errors of metabolism, hemoglobinopathies, chromosome abnormalities, neural tube defects, and other genetically influenced conditions.
2. Clinical medical geneticists are able to (a) diagnose and manage genetic disorders; (b) provide patient and family counseling; (c) use their knowledge of heterogeneity, variability, and natural history of genetic disorders in patient-care decision making; (d) elicit and interpret individual and family medical histories; (e) interpret clinical genetic and specialized laboratory testing information; (f) explain the causes and natural history of genetic disorders and genetic risk assessment; and (g) interact with other health-care professionals in the provision of services for patients with genetically influenced disorders.

#### **B. Scope of Education**

1. Accredited graduate medical education programs in medical genetics must provide the formal instruction and appropriately supervised clinical experience necessary for residents to develop the knowledge, skills, and attitudes essential to the practice of clinical medical genetics.
2. Programs must provide (a) opportunities for residents to become involved in research and teaching and (b) education in the basic sciences and clinical areas pertinent to medical genetics, including mendelian genetics, cytogenetics, diagnosis and treatment of inborn errors of metabolism, molecular diagnosis, syndrome identification and dysmorphology, teratology, reproductive genetics, congenital malformations, multifactorial disorders, mental retardation and developmental disabilities, genetic screening, social and ethical issues in medical genetics, genetic counseling, and quantitative human genetics.

#### **C. Program Length**

1. A clinical medical genetics residency may be accredited to provide 2 and/or 4 years of graduate medical education
  - a. Physicians who have completed an Accreditation Council for Graduate Medical Education (ACGME)-accredited residency are eligible for appointment to a 2-year medical genetics residency.
  - b. A medical genetics program director may appoint a resident to a 2-year program following 2 or more years of ACGME-accredited residency education.
  - c. A 4-year program must include 2 years of pregenetics education in other ACGME-accredited residencies followed by 2 years of education in clinical medical genetics. A 4-year program must be designed prospectively by the director of the medical genetics residency and the directors of the programs to which residents will be assigned during the 2 years of pregenetics education.

2. In both 2-year and 4-year programs, the 24 months of genetics education must include at least 18 months of broad-based, clinically oriented medical genetics activities.

#### D. Program Goals and Objectives

1. Program Description
  - a. The director and teaching staff must prepare and comply with written educational goals for the program.
  - b. A written description of the educational program must be prepared and distributed to residents and teaching staff.
  - c. The program description must include:
    1. A summary of the program's educational goals
    2. A listing and description of all required rotations and other assignments
    3. The goals and objectives of each rotation/assignment
    4. The duration of each rotation/assignment
    5. A description of resident opportunities for teaching and research
    6. A description of the manner in which residents are supervised
2. Program Design
  - a. All educational components of the program should be related to program goals.
  - b. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  - c. Participation by any institution providing more than 3 months of training in a 2-year program or 6 months of training in a 4-year program requires prior approval by the RRC

### II. Institutional Resources

- A. Graduate medical education in medical genetics must be sponsored by institutions that are able to provide sufficient faculty, administrative support, financial resources, comprehensive medical library services, research facilities, office space, support staff, and clinical facilities to meet the educational needs of residents and enable the residency to comply with accreditation requirements. Affiliations may be made with other institutions/laboratories to meet educational needs.
- B. Institutions sponsoring medical genetics programs should also sponsor ACGME-accredited programs in pediatrics, internal medicine, and obstetrics/gynecology.
- C. Program institutions must have a clinical cytogenetics laboratory, a clinical biochemical genetics laboratory, and a clinical molecular genetics laboratory, each of which provides an appropriate volume and variety of medical genetics-related services and has an adequate number of qualified staff.
- D. Program institutions must provide a sufficient number and variety (eg, pregnant and nonpregnant, all ages) of inpatients and outpatients to permit residents to gain experience with the natural history of a wide range of genetic disorders.

### III. Program Personnel

The program director and the teaching staff are responsible for the general administration of the program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

1. There must be a single program director who has the authority to direct the entire clinical medical genetics program and is able to devote sufficient time to fulfill the responsibilities required to meet the educational goals of the program, including the implementation of sound administrative practices and the provision of

adequate facilities, teaching staff, resident staff, support staff, and other educational resources.

2. The program director must be:
  - a. A physician who has a valid license to practice medicine in the state where the institution that sponsors the program is located.
  - b. Certified in Clinical Genetics by the American Board of Medical Genetics (ABMG) or possess suitable equivalent qualifications.
  - c. A member in good standing of the medical staff of the institution that sponsors the program.
  - d. Experienced in medical education in general and graduate medical education in genetics in particular and possess the requisite clinical, educational, and administrative abilities needed to direct a medical genetics program.
3. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection, supervision, and evaluation of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
 

The program director, with participation of members of the teaching staff, shall:

    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has completed the program and demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching

staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- i. Continuing involvement in scholarly activities, participation in key national scientific human genetics meetings, and contribution to medical education both locally and nationally.
  - j. Communication with the RRC, including the program information that is prepared for periodic accreditation site visits and reviews. The director must also notify the committee secretary of significant changes in the program, including:
    1. Change of program director.
    2. Major changes in institutional affiliation. Any change in formal affiliation with institutions where residents are assigned for required educational experiences requires prior approval from the RRC.
    3. An increase in the RRC-approved maximum number of residents in the program. Requests for increases in a program's resident complement require the prior approval of the RRC.
  - k. Ensuring that residents are clearly informed in writing of program requirements, including the duration of the resident's course of study.
4. As continuity of the leadership of a residency is crucial to educational quality, frequent changes in the directorship and extended periods of temporary leadership have been found to have an adverse impact on programs. Therefore, institutions must develop and implement policies and procedures to ensure continuity when the program director departs, is on sabbatical, or is unable to meet his or her duties for any other reason.

#### **B. Teaching Staff**

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. There must be at least three members of the teaching staff (including the program director) who are certified by the ABMG (or possess equivalent qualifications) and are members of the medical staffs at program institutions. At least two of these individuals must be certified in Clinical Medical Genetics.
3. The individual responsible for resident education in biochemical genetics must be ABMG-certified in biochemical genetics. The person responsible for resident education in molecular genetics must be ABMG-certified in molecular genetics. The individual responsible for resident education in clinical cytogenetics must be ABMG-certified in clinical cytogenetics.
4. There must be a sufficient number of teaching staff so that program faculty are readily available to residents and able to meet effectively their patient care, educational, and research responsibilities.
5. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
6. Members of the teaching staff must regularly and actively participate in program rounds, conferences, and journal clubs.
7. Members of the teaching staff must participate in appropriate scientific societies (particularly through presentations at meetings) and pursue their own continuing education.
8. Members of the teaching staff must demonstrate an active interest in genetics research (particularly in projects that are funded following peer review and/or result in publications in peer-reviewed journals) and provide guidance and technical support

(eg, research design, statistical analysis) for residents who are involved in research or other scholarly activities.

9. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
10. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
11. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### **C. Number of Residents**

When reviewing a program for accreditation, the RRC will approve a maximum total number of residents to be appointed to a program. That number will be based primarily on the number, qualifications, and commitment of the teaching staff; the volume and variety of genetics patients available for educational purposes; and program facilities, finances, and organization.

#### **D. Other Program Personnel**

There must be a sufficient number of appropriately qualified patient care, administrative, technical, clerical, and other staff to support all the educational activities of the program.

### **IV. Program Facilities**

- A. Adequate space and equipment must be available to meet the educational goals of the program. In addition to space for patient care activities, this requires meeting rooms, classrooms, office space, research facilities, and facilities for record storage and retrieval.
- B. Office and laboratory space must be provided for the residents for both patient-care work and participation in scholarly activities.
- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. The institutional library should contain standard journals and texts in genetics and related fields of medicine and provide services for the electronic retrieval of information from national medical databases to permit timely literature review.
- D. Residents must have access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.
- E. Residents should have access to computer-based genetic diagnostic systems.
- F. The audiovisual resources available for educational purposes should be adequate to meet the goals and objectives of the program.

### **V. Educational Program**

The residency must be organized to provide a well-structured, integrated, and progressive educational experience in clinical medical genetics. The residents must have the opportunity to develop the abilities to diagnose genetic disorders, counsel patients, and manage the broad range of clinical problems that are encompassed within medical genetics. Because of the complex nature and multiple system involvement of genetic disorders, residents must be ex-

posed to multidisciplinary and interdisciplinary models during the program and must become proficient at organizing teams of health-care professionals to provide the necessary resources for their patients. As medical genetics involves families and individuals of all ages, residents must be competent to work with both adults and children and must have an opportunity to gain an understanding of family dynamics as they relate to issues of diagnosis, counseling, and management.

### A. Clinical Components

#### 1. Patient Population

Residents must have the opportunity to care for a number of patients and families sufficient to permit them to develop an understanding of the wide variety of medical genetic problems, including mendelian disorders, inborn errors of metabolism, diseases of chromosome number and structure, multifactorial disorders, syndromes, congenital malformations, other birth defects, and other genetically influenced conditions. Typically, this will mean that programs will care for at least 100 different patients or families per year for each resident. These patients and families must be seen in outpatient and inpatient settings.

#### 2. Correlation of Laboratory and Clinical Experiences

Clinical biochemical genetic, molecular genetic, and cytogenetic laboratories must be integral components of each program, and residents must have regular opportunities to develop their abilities to understand and critically interpret laboratory data. Residents should develop an understanding of the appropriate use of laboratories during diagnosis, counseling, and management of patients with genetic disorders. Toward this end, resident education must include ongoing participation in the working conferences of laboratories as well as discussion of laboratory data during other clinical conferences.

#### 3. Other Health-Care Professionals

Residents must have regular opportunities to work with genetic counselors, nurses, nutritionists, and other health-care professionals who are involved in the provision of clinical medical genetics services.

#### 4. Responsibilities for Patient Care

The development of mature clinical judgment requires that residents, properly supervised, be given responsibility for patient care commensurate with their ability. This can be achieved only if the resident is involved in the decision-making process and in the continuity of patient care. Residents must be given the responsibility for direct patient care in all settings, including planning and management, both diagnostic and therapeutic, subject to review and approval by the attending physician.

##### a. Supervision

Residents must be supervised by appropriately qualified faculty at all times. Residents must be provided with rapid and reliable systems for communicating with supervising residents and attendings. Attending physicians or supervising residents with appropriate experience for the severity and complexity of the patient's condition must be available to residents at all times and must be able to respond in a timely fashion.

##### b. Progressive Responsibility

The responsibility given to residents for patient care should depend on their knowledge, skill, experience, and the complexity of the patient's counseling or medical problems. The degree of responsibility accorded to a resident, both professional and administrative, must be increased progressively. This includes responsibility in such areas as patient care, leadership, teaching, organization, and administration. The program must provide residents with experience in direct and progressively responsible patient management as they advance through the

program so that those completing the program will have developed sound clinical judgment.

#### c. Duty Hours and Personal Responsibility

The physician's responsibilities for continuing patient care transcend normal working hours. To fulfill this obligation, provisions for night and weekend call must be established. However, residents must not be regularly required to perform difficult or prolonged duties. Therefore, the program director must ensure assignment of reasonable in-hospital duty hours. Residents at all levels should be able to spend, on average, at least 1 full day out of 7 free of hospital duties and should be on call in the hospital no more often than every third night, except in the maintenance of continuity of care. There should be adequate opportunity to rest and to sleep when on duty for 24 hours or more. On-call rooms arranged to permit adequate rest and privacy should be available for each resident on night duty in the hospital. There should be adequate backup support if needed to maintain appropriate patient care.

### B. Academic Components

#### 1. Basic Sciences

a. Each resident must participate formally, through lectures or other didactic sessions, in the equivalent of a 1-year graduate level course in basic, human, and medical genetics, including but not limited to population and quantitative genetics, mendelian and nonmendelian genetics, cytogenetics, biochemical genetics, and molecular genetics.

b. Research seminars should be a part of the training experience but shall not be considered an acceptable alternative to this basic science didactic component.

#### 2. Research and Scholarly Activity

a. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

b. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of the faculty must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.

2. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.

3. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.

4. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.

5. Provision of support and facilities for resident participation in scholarly activities. In addition to direct research involvement, residents and faculty should participate in journal clubs, research seminars, work-in-progress sessions, and reviews of intradepartmental and interdepartmental research activity.

### 3. Clinical Conferences

Clinical teaching conferences must be organized by the faculty for the residents, and attendance by the residents and the faculty must be documented. These conferences must be distinct from the basic science lectures and didactic sessions. Clinical teaching conferences may include formal didactic sessions on clinical laboratory topics, medical genetics rounds, journal clubs, and follow-up conferences for genetic clinics.

### 4. Presence of Other Learners

- a. The presence of other learners in medical genetics and in other specialties within program institutions is essential to the maintenance of a stimulating educational environment.
- b. The appointment of other individuals for special training or education, such as fellows, residents from other specialties, and medical students, must not dilute or detract from the educational opportunities of the medical genetics residents.

## VI. Evaluation

### A. Evaluation of Residents

1. Regular oral and written evaluations of residents must include comment on both clinical and academic work. Evaluations of residents' patient care activities must address their abilities to carry out clinical genetic evaluations, perform appropriate clinical procedures, understand the methodologies involved in genetic laboratory tests, interpret test results, and counsel patients and families.
2. There must be formal evaluation by the faculty of each resident's knowledge, performance, and growth at least twice each year, and residents must have the opportunity to review confidential, written evaluations of their performance with the program director.

### B. Evaluation of Faculty

1. Individual members of the teaching staff must be confidentially evaluated by the program director and the residents at least once each year.
2. Faculty evaluations should include comment on teaching ability, research and other scholarly activity, availability to the residents, and commitment to the training program, as well as clinical knowledge and skill.

### C. Evaluation of the Program

1. The educational effectiveness of the program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed.
2. There must be regular written, confidential evaluation of the program by the sponsoring institution, program director, and teaching staff.
3. At least once each year, residents and members of the teaching staff should provide the director with written evaluations of the program that give particular attention to the program's success in meeting its educational goals and objectives as well as accreditation requirements.
4. One measure of the quality of a medical genetics residency is the performance of its residents on certifying examinations of the ABMG.

## VII. Certification and Accreditation

- A. The RRC for Medical Genetics is responsible for accreditation of graduate medical education programs in clinical medical genetics. The ABMG is responsible for certification of individual physicians in medical genetics.
- B. Questions about accreditation of residency programs should be directed to the secretary of the RRC.

C. Questions about certification in medical genetics should be directed to the office of the ABMG.

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# Program Requirements for Residency Education in Neurological Surgery

## I. Introduction

### A. Definition of Discipline

Neurological surgery is a medical discipline that provides the operative and nonoperative management (ie, prevention, diagnosis, evaluation, treatment, critical care, and rehabilitation) of disorders that affect the central, peripheral, and autonomic nervous systems, including their supporting structures and vascular supply, and the operative and nonoperative management of pain. As such, neurological surgery encompasses the modern treatment of disorders of the brain, meninges, skull, and their blood supply, including the extracranial carotid and vertebral arteries; disorders of the pituitary gland; disorders of the spinal cord, meninges, and spine; disorders of the cranial and spinal nerves throughout their distributions; and disorders of the autonomic nervous system.

### B. Duration and Scope of Education

1. The educational program must be diversified and well-balanced.
2. The training program in neurological surgery must include a minimum of 1 year of training in an Accreditation Council for Graduate Medical Education (ACGME)-accredited program in general surgery or at least 1 year of a program accredited for the acquisition of fundamental clinical skills, which must include at least 6 months of surgical disciplines other than neurological surgery. This training should be completed prior to undertaking the third year of neurological surgery training.
3. The neurological surgery training program is 60 months in duration, in addition to the year of acquisition of fundamental clinical skills, and must provide 36 months of clinical neurological surgery at the sponsoring institution or one of its approved participating institutions.
4. Twenty-one months of the total 60 months may be devoted to any of several aspects of the training program, depending on the needs of the resident.<sup>1</sup> It may be spent in the study of the basic sciences, neuroradiology, neuropathology, or other appropriate subject matters related to the neurosciences as agreed upon by individual residents and the program director.
5. A block of training of 3 months minimum in an ACGME-accredited neurology training program must be arranged for all residents, unless they have previously had a minimum of 1 year of formal residency training in an accredited neurology training program.
6. There must be a 12-month period of time as senior/chief resident on the clinical service of neurological surgery in the sponsoring institution or its approved participating institutions. This is considered an essential component in each resident's planned program. The program must provide the residents with experience

1. The program director should consult the American Board of Neurological Surgery for certification requirements concerning any training conducted outside the approved institutions of the program.

in direct and progressively responsible patient management as they advance through training.

- a. The senior/chief resident must have major or primary responsibility for patient management with faculty supervision.
  - b. The senior/chief resident should also have administrative responsibility as designated by the program director.
7. Residents must be introduced to the practice of neurosurgery in an outpatient setting where nonemergency patients are seen by the resident for evaluation before and after surgical procedures. A crucial element of this experience is the clear understanding by the patient that the resident is involved in making decisions concerning diagnosis and participates in operative procedures and follow-up care.
  8. Prior to entry into the program, each resident must be notified in writing of the length of training. The prescribed length of training for a particular resident may not be changed without mutual agreement during his or her program unless there is a break in his or her training or the resident requires remedial training. Any training additional to the accredited residency must be based on a clear educational rationale and must not interfere with the education and training of the residents enrolled in the program.

### C. Accreditation Guidelines

1. Training programs in neurological surgery are accredited by the Residency Review Committee (RRC) by authority of the ACGME. A list of accredited training programs in neurological surgery is published annually in the *Graduate Medical Education Directory*.
2. To be accredited by the ACGME an educational program in neurological surgery must be in substantial compliance with both the Program Requirements for Residency Education in Neurological Surgery and the Institutional Requirements of the *Essentials of Accredited Residencies in Graduate Medical Education*. Programs must be able to demonstrate their compliance with these requirements at the time of their site visit and subsequent review by the RRC.
3. When a change in leadership occurs within an accredited neurological surgery residency, the program must be site-visited within 18 months and reviewed by the RRC in approximately 2 years following the appointment of the new program director.

## II. Institutional Organization

### A. Sponsoring Institution

An educational program in neurological surgery must have one sponsoring institution within a single geographic location with primary responsibility for the entire program. Appropriate institutions include medical schools, hospitals, and medical foundations. The institution must demonstrate commitment to the program in terms of financial and academic support.

### B. Participating Institutions

Participating institutions include the sponsoring institution and other integrated and/or affiliated institutions approved by the RRC for training purposes (see surgical requirements for affiliated status). Participating institutions must promote the educational goals of the program rather than simply enlarge the program and must not be added primarily for the purpose of meeting service needs.

1. An integrated institution must function as a single neurological surgery service with the sponsoring institution or, in exceptional circumstances, with an approved affiliate of the sponsoring institution. The program director must demonstrate to the RRC that the clinical service operates as a single unit in the assignment of residents and their faculty supervisors, the formulation of call

and backup schedules, and in the convening of teaching conferences and related educational activities.

2. An affiliated institution functions as a separate neurological surgical service with a local training director under the direction of the program director and should be sufficiently close to the sponsoring institution to ensure peer interaction and regular attendance at joint conferences and other activities. Appropriate exceptions may be considered for special resource hospitals (eg, pediatrics, trauma, and spine).
3. Training at an additional institution, proposed for affiliated status, may be approved on a provisional basis for a maximum of 2 years, at which time such training must be either fully approved or withdrawn at the discretion of the RRC. Ordinarily, a site visit will not be necessary to confirm the permanent approval of a provisionally approved participating institution.
4. The number and distribution of participating institutions must not preclude satisfactory participation by residents in teaching and training exercises.
5. Affiliated institutions that are geographically separated from the sponsoring institution are not desirable and are acceptable only if they offer special resources that significantly augment the overall educational experience of the training program.
6. Rotations to affiliated and integrated institutions must be based on a clear statement of the value of such institutions to the teaching program as a whole.

### C. Number and Quality of Residents

1. One of the measures of a training program is the quality of residents chosen and the ability of the program to ensure a steady increase in the resident's knowledge and skills.
2. The RRC will review the selection process of residents and seek evidence that the program evaluates the progression of the residents during training.
3. Where there is demonstrated excellence in providing educational experience for the residents, as determined by the RRC, a program may be authorized to enroll more than one resident per year. The ability to do so does not depend on any multiplication of the minimum requirements as established by the Program Requirements for Residency Education in Neurological Surgery. In determining the size of a resident complement, the RRC will consider:
  - a. Presence of a faculty of national stature in neurological surgery.
  - b. Quality of the educational program.
  - c. Quality of clinical care.
  - d. Total number and distribution of cases.
  - e. Quality of clinical and basic research.
  - f. Quality of residents trained by the program, including numbers of residents starting and finishing the program, number of graduates who take written and oral examinations of the American Board of Neurological Surgery, and the number of graduates passing these written and oral examinations.
  - g. Facilities.
4. The number of residents at each year of training in a given program, except as provided below, shall not exceed the number approved by the most recent accreditation review of that program. Should a vacancy occur at any level of training in a program, the program director has the option of appointing a new resident at a level that might overlap with that of another resident in training, provided that such appointments do not adversely affect the training experience of residents already in the program. Furthermore, over a 5-year period, commencing at the time when the resident whose departure created the vacancy would have completed training, the average number of residents graduating yearly must not exceed the number approved by the RRC.

### III. Faculty Qualifications and Responsibilities

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director Qualifications

1. There must be a single program director responsible for the program.
2. The program director shall be a neurological surgeon who possesses and practices the necessary administrative, teaching, and clinical skills and has experience to conduct the program.
3. The program director shall be certified by the American Board of Neurological Surgery or possess suitable equivalent qualifications in neurological surgery satisfactory to the RRC.
4. The program director shall be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
5. The program director shall have an appointment in good standing to the medical staff of an institution participating in the program.

#### B. Program Director Responsibilities

The program director must assume responsibility for all aspects of the training program and devote sufficient time to the educational program, including the following:

1. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
2. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
3. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
4. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff.
5. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
6. The provision of a written final evaluation for each resident who completes the program, as specified in paragraph VI.I.
7. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
8. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
9. Preparation of an accurate statistical and narrative description of the program as requested by the RRC for Neurological Surgery.
10. Notifying the executive secretary of the RRC in writing of any major change in the program that may significantly alter the educational experience for the residents, including:
  - a. Changes in leadership of the department, such as the appointment of a permanent or acting program director and/or departmental chairman.

- b. Changes in administrative structure, such as alteration in the hierarchical status of the program/department within the institution.

11. The director of the program must obtain prior approval of the RRC for the following changes in the program to determine if an adequate educational environment exists to support these changes:
  - a. The addition or deletion of any participating institution to which residents rotate
  - b. The addition or deletion of any institutional rotation
  - c. Any change in the resident complement of the program
  - d. Any change in the format of the training program (including fellowships within the program)

Upon review of a proposal for a major change in a program, the RRC may determine that a site visit is necessary.

#### C. Other Teaching Faculty Qualifications and Number

1. All clinical faculty members shall possess the necessary experience and administrative, teaching, and clinical skills to conduct the program.
2. All clinical faculty members who are neurological surgeons shall be certified by, or be in the certification process of, the American Board of Neurological Surgery or possess equivalent qualifications in neurological surgery satisfactory to the RRC.
3. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities. Under most circumstances, there should be a minimum of three neurological surgeons associated with the training program.
4. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities. Neurological surgery faculty participation in undergraduate medical education is highly desirable.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### D. Training Directors at Participating Institutions

1. The training director shall be a qualified neurological surgeon appointed by and responsible to the program director in each geographically separate institution. This individual must be responsible for the education of the residents and will also supervise the educational activities of other neurological surgeons relating to resident education in that institution. Appropriate exceptions may be considered for special resource hospitals.
2. These appointments will generally be for a 1-year period and can be renewable to ensure continuity of leadership.
3. The training director in neurological surgery at each participating institution must have major clinical responsibilities at that institution.

#### E. Scholarly Activity of Faculty

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not

all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

#### F. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### IV. Facilities and Resources

#### A. Inpatient Facilities

1. Inpatient facilities available for training programs in neurological surgery should be geographically identifiable and have an adequate number of beds, support personnel, and proper equipment to ensure quality education.
2. Inpatient facilities may vary from one participating institution to another but should support essential prerequisites for excellence in patient care and teaching.
3. The presence of a neurological surgery operating room with microsurgical capabilities and an intensive care unit specifically for the care of neurological surgery patients is highly desirable to a training program, as are other units for specialized neurological surgery care.
4. Similarly, neurological surgery beds should be on a unit designated for neurosurgery patients.

#### B. Outpatient Facilities

Residents must use outpatient facilities, clinic, and office space for training purposes in the regular preoperative evaluation and postoperative follow-up for cases for which the resident has responsibility.

#### C. Research Facilities

1. There should be space and support personnel for research identifiable in the neurological surgery division or department, and some activity should be ongoing in this area.
2. Clinical and/or basic research opportunities should be available to the neurological surgical resident with appropriate faculty supervision.

#### D. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### V. Educational Program

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the RRC for Neurological Surgery as part of the regular review process.

#### A. Clinical Components

A current, well-organized, written plan for rotation of residents among the various services and institutions involved must be maintained and must be available to the residents and faculty.

##### 1. Patient Requirements

There shall be sufficient patients admitted each year to ensure that the resident participates in the care of patients suffering from the full spectrum of neurosurgical diseases.

2. This participation must include substantial experience in the management (including critical care) and surgical care of adult and pediatric patients and should include disorders of the spine and of the peripheral nerves, cerebrovascular disease including extracranial vascular disease, trauma, and tumors of the nervous system.

- a. A program must demonstrate to the satisfaction of the RRC that it has both the volume of patients under neurological care and the breadth and depth of academic support to ensure that it has the capability of providing excellent neurological surgery training to residents.

- b. The former must be substantiated in part by a compilation of annual institutional operative data and resident operative data (including that from residents rotating on the service from other programs) provided in a fashion prescribed by the RRC. Under some circumstances, the program may be required to include data for a period of up to 3 years prior to the date of the submitted program information forms for accreditation or reaccreditation. The entire surgical experience of the most recently graduating resident(s) must be submitted each time the program has its periodic review.

- c. The profile of clinical experience reported to the RRC must be limited to that utilized in the resident's educational program. It also is understood that the educational requirements of the resident must be considered at all times, and assignment to a clinical service that limits or precludes educational opportunities will be adversely considered in evaluation of the program.

- d. Within the total clinical facilities available to the training program, there should be a minimum of 300 major neurological surgery procedures per year per finishing resident. It must be understood that achievement of this minimum number of clinical procedures will not ensure accreditation of a training program.

- e. The minimum number of clinical procedures (see paragraph VA.2) is suggested with the understanding that the majority of the procedures must occur at the sponsoring institution.

- f. The presence within a given training program of this neurological surgery workload and the distribution of the surgical experience are equally important. For instance, the cases should be appropriately distributed among cranial, extracranial, spinal, and peripheral nerve surgical procedures and should represent a well-balanced spectrum of neurological surgery in both adults and children. This spectrum should include craniotomies for trauma, verified neoplasms, aneurysms, and vascular malformations; extracranial carotid and vertebral artery surgery; transsphenoidal and stereotaxic surgery; and spinal procedures of a sufficient number and complexity using modern techniques that encompass a variety of disorders (such as trauma, neoplasia, infection, and degenerative disorders).



- g. No affiliated hospital unit in the training program should be a component of a training program unless there are a minimum of 100 major neurological surgery procedures per year distributed appropriately among the spectrum of cases as described in paragraph f, above. Again, exception may be made if a hospital offers special clinical resources, eg, stereotaxic surgery, trauma, or pediatric neurological surgery, that significantly augment the resources of the training program as a whole.
3. Residents must have opportunities to evaluate patients referred for elective surgery in an outpatient environment. Under appropriate supervision, this experience should include obtaining a complete history, conducting an examination, ordering (if necessary) and interpreting diagnostic studies, and arriving independently at a diagnosis and plan of management. Consonant with their skills and level of experience, residents should be actively involved in preoperative decision-making and subsequent operative procedures under the supervision of the attending physician who has ultimate responsibility for the patient. Residents should similarly be actively involved in postsurgical care and follow-up evaluation of their patients to develop skills in assessing postoperative recovery, recognizing and treating complications, communicating with referring physicians, and developing the physician-patient relationship. Preoperative interview and examination of patients already scheduled for a surgical procedure will not satisfy these requirements.

#### B. Didactic Components

There must be a well-coordinated schedule of teaching conferences, rounds, and other educational activities in which both the neurological surgery faculty and the residents participate. Conferences must be coordinated among institutions in a training program to facilitate attendance by a majority of staff and residents.

#### C. Resident Policies

##### 1. Supervision

The program director must ensure, direct, and document proper supervision of residents at all times. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians. Attending physicians or supervising residents with appropriate experience for the severity and complexity of the patient's condition must be available at all times on site. The responsibility or independence given to residents in patient care should depend on their knowledge, manual skill, experience, and the complexity of the patient's illness and the risk of the operations.

##### 2. Progressive Responsibility

Resident participation in and responsibility for operative procedures embracing the entire neurosurgical spectrum should increase progressively throughout the training period.

##### 3. Continuity of Care

Graduate training in neurological surgery requires a commitment to continuity of patient care, as practiced by qualified neurological surgeons. This continuity of care must take precedence—without regard to the time of day, day of the week, number of hours already worked, or on-call schedules. At the same time, patients have a right to expect a healthy, alert, responsible, and responsive physician dedicated to delivering effective and appropriate care.

##### 4. Duty Hours

a. The program director must establish an environment that is optimal for both resident education and patient care, while assuring that undue stress and fatigue among residents are avoided. It is his or her responsibility to ensure assignment of appropriate in-hospital duty hours so that residents are not required to perform excessively difficult or prolonged duties regularly. It is

desirable that residents' work schedules be designed so that, on average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of routine responsibilities and be on-call in the hospital no more often than every third night. Different rotations may require different working hours and patterns. There must be adequate backup so that patient care is not jeopardized during or following assigned periods of duty.

- b. A distinction must be made between on-call time in the hospital and on-call availability at home vis-a-vis actual hours worked. The ratio of hours worked and on-call time will vary, particularly at the senior levels, and therefore necessitates flexibility.
- c. During these hours residents must be provided with adequate sleeping, lounge, and food facilities. Support services must be such that the resident does not spend an inordinate amount of time in noneducational activities that can be discharged properly by other personnel.

##### 5. Extracurricular Activities

Residency training in neurological surgery is a full-time responsibility; activities outside the educational program must not interfere with the residents' performance in the educational process, as determined by the program director, and must not interfere with the residents' opportunities for rest, relaxation, and study.

#### D. Other Required Educational Components

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

1. Educational experience in neuroradiology and neuropathology must be an integral part of the training program designed for the education of the neurological surgery residents. Such experience should be under the direction of qualified neuroradiologists and neuropathologists.
2. The program must provide opportunities for experience and instruction in the basic neurosciences.
3. The residents should participate in scholarly activities such as ongoing clinical and/or basic research projects with which appropriate faculty are involved.
4. Resident participation in undergraduate medical education is highly desirable.
5. Related Disciplines
- a. Recognizing the nature of the specialty of neurological surgery, it is unlikely that a program can mount an adequate educational experience for neurological surgery residents without approved training programs in related fields. Clinically oriented training programs in the sponsoring institution of the neurological surgery program should include accredited training programs in neurology, general surgery, internal medicine, pediatrics, and radiology.
- b. There should be clinical resources for the education of neurological surgery residents in anesthesiology, endocrinology, ophthalmology, orthopaedics, otolaryngology, pathology, and psychiatry. A lack of such resources will adversely affect the accreditation status of the neurological surgery program.
6. Appointment of Fellows
- a. The appointment of other individuals for special training or education, such as fellows, must not dilute or detract from the educational opportunities of regularly appointed residents.
- b. Programs must notify the RRC when they sponsor or participate in any clinical fellowships within institutions participating in the program before the commencement of such training and at each subsequent review of the program. Documenta-

tion must be provided describing the fellowship's relationship to and impact on the residency.

- c. If fellows so appointed will, in the judgment of the RRC, detract from the education of the regularly appointed residents, the accreditation status of the program may be adversely affected.

## VI. Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

- A. The program director is responsible for the annual collection, compilation, and retention of the number and types of neurological surgery operative procedures performed in all institutions and facilities utilized in the clinical education of residents. This information must be provided on request in the format and form specified by the RRC.
- B. Annually, the program director must ensure the compilation of a comprehensive record of the number and type of operative procedures performed by each resident completing the program. This record must include all of the procedures in which the neurological surgery resident was either surgeon or assistant and must be signed by both the resident and the program director as a statement of its accuracy. This information must be provided upon request in the format specified by the RRC. These records must be accurately maintained by the program director.
- C. The knowledge, skills, professional growth, and progress of each resident, including professional conduct, must be evaluated by the program director in consultation with the teaching staff in a semiannual, written review. These evaluations must be provided to and discussed with each resident in a timely manner. Appropriate criteria and procedures must be used.
- D. Residents must be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
- E. The program must maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- F. At least annually, all individual faculty members must be formally evaluated by the program director of neurological surgery as well as by the residents. A mechanism for sharing the results of such evaluations with the faculty that preserves individual resident confidentiality must be employed.
- G. At least annually, the program rotations and conferences must be evaluated by both residents and faculty. The results of these evaluations should be kept on file.
- H. The thoroughness of resident, faculty, and program evaluations, as well as the accurate and timely provision of program-related information to the RRC, will be monitored in the overall review of the residency program.
- I. The program director must provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

## VII. Board Certification

### A. Performance on Examination

One measure of the quality of a program is the participation in and performance of its graduates on the examinations of the American Board of Neurological Surgery. The number of residents completing

training and taking and passing the certification examinations will be part of the RRC's evaluation of the program.

### B. Certification Requirements

Residents who seek certification by the American Board of Neurological Surgery should communicate with the secretary of the board to be sure that the requirements for certification have been fulfilled. The current address of this office is published in each edition of the *Graduate Medical Education Directory*. Requests regarding evaluation of educational programs in neurological surgery and all related program inquiries should be addressed to the Executive Secretary of the Residency Review Committee for Neurological Surgery, 515 N State St/Ste 2000, Chicago, IL 60610.

ACGME: June 1994 Effective: July 1995

## Program Requirements for Residency Education in Pediatric Neurological Surgery

### I. Introduction and Purpose

Programs in pediatric neurological surgery are designed to augment the education of neurological surgeons in the unique aspects of nervous system disease in infants and children. Participation in such training is not a prerequisite for the care of pediatric patients with neurological surgical disease by neurosurgeons who have completed training in an accredited neurological surgery program.

### II. Prerequisites and Training Requirements

- A. The pediatric neurological surgery resident must have completed at least 36 months of clinical neurological surgery training including the chief resident year in an Accreditation Council for Graduate Medical Education (ACGME)-accredited neurological surgery program.
- B. The additional pediatric training will not be considered as part of the 36-month minimum clinical surgery requirement for neurological surgery residency training.
- C. The period of training in a pediatric neurological surgery program is 2 years, and must not include pediatric rotations completed during the basic 36 months of clinical neurological surgery.

### III. Structure of Programs

Specific requirements for such additional training are as follows:

- A. The training must be sponsored by a neurological surgery residency accredited by the ACGME.
- B. The institutions where such training may be conducted must include appropriate inpatient, outpatient, emergency, and intensive care facilities for direct resident involvement in providing comprehensive pediatric neurological surgical care.
- C. In addition to the other associated training programs required in the Program Requirements for Residency Education in Neurological Surgery, there must be an ACGME-approved training program in child neurology at the institution sponsoring the pediatric neurological surgery program that is supervised by a certified or comparably qualified child neurologist.

### IV. Faculty

There must be at least two qualified neurological surgeons actively involved in the additional pediatric training who are diplomates of the American Board of Neurological Surgery or who possess equivalent qualifications in neurological surgery.

- A. At least one of these faculty members must have special expertise in the area of nervous system disease in infants and children and must concentrate his or her practice in pediatric neurological surgery. This individual shall serve as the director of the additional training.
- B. The director of the pediatric neurological surgery training must be appointed by and be responsible to the program director of the sponsoring neurological surgery residency program.
- C. There must be evidence of significant and consistent involvement of other qualified neurological surgery faculty in the clinical, didactic, and research components of the additional training.
- D. The pediatric neurological surgery faculty must demonstrate participation in scholarly pursuits that include teaching, research, and publications.

## **V. Patient Population**

The patient population must include a wide variety of pediatric neurological surgery cases, including congenital disorders, neoplasia, trauma, infection, and vascular diseases.

- A. The program must have a sufficient number, variety, and complexity of major pediatric surgical procedures, as determined by the Residency Review Committee (RRC), performed per year to qualify as a sponsor of a special single pediatric neurological surgery resident. Additional resident positions may be approved by the RRC based on the guidelines for increases in resident complements established in the Program Requirements for Residency Education in Neurological Surgery.
- B. The program director of the sponsoring neurological surgery training program must ensure that the additional pediatric neurological surgery training enhances the educational opportunities for the entire program. This training must not detract from the pediatric training of other neurological surgery residents.
- C. The program director must submit the entire operative experience of the resident in the format prescribed by the RRC. The list of operative cases must be made available for committee review at the time of the review of the core program and the pediatric neurological surgery program.

## **VI. Curriculum**

- A. At least 12 months must be spent in clinical pediatric neurological surgery training and must include management responsibilities for intensive care patients.
- B. There must be a minimum of 3 months of training in child neurology. The remaining 9 months should be spent training in related disciplines, such as pediatric neuro-oncology, neuroradiology, infectious disease, and research.
- C. The program should provide opportunities for the resident to engage in clinical and/or basic research.
- D. The resident should actively participate in scholarly activities.
- E. Frequent, regularly scheduled, and coordinated pediatric neurological surgery clinical conferences and teaching rounds must be held. Other faculty and resident participation in them should be documented.
- F. The resident should have a well-defined role in the education of neurological surgery residents and medical students.
- G. There must be a systematic, semiannual, written evaluation of each resident's performance, which is discussed with the resident.

## **VII. Resident Policies**

- A. Graduate training in pediatric neurological surgery requires a commitment to continuity of patient care as it is practiced by qualified neurological surgeons. This continuity of care must take precedence—without regard to the time of day, day of the week,

number of hours already worked, or on-call schedules. At the same time, patients have a right to expect a healthy, alert, responsible, and responsive physician dedicated to delivering effective and appropriate care.

- B. The program director must establish an environment that is optimal both for resident education and for patient care, while ensuring that undue stress and fatigue are avoided. It is his or her responsibility to ensure assignment of appropriate in-hospital duty hours so that the pediatric neurological surgery resident is not required to perform excessively difficult or prolonged duties regularly. During these hours the resident must be provided with adequate sleeping, lounge, and food facilities. There should be adequate backup so that patient care is not jeopardized during or following assigned periods of duty. Support services must be such that the resident does not spend an inordinate amount of time in noneducational activities that can be discharged properly by other personnel.
- C. A distinction must be made between on-call time in the hospital and on-call availability at home vis-a-vis actual hours worked. The ratio of hours worked to on-call time will vary and therefore precludes a set pattern of established hours.
- D. The program director must ensure, direct, and document proper supervision of the resident at all times. The resident must be provided with rapid, reliable systems for communicating with supervising attendings. Attending physicians with experience appropriate to the severity and complexity of the patient's condition must be available at all times on site. The responsibility or independence given to the resident in patient care should depend on his or her knowledge, manual skill, and experience, as well as on the complexity of the patient's illness and the risk of the operation(s).

*ACGME: February 1991 Effective: July 1995*

# **Program Requirements for Residency Education in Neurology**

## **I. Introduction<sup>1</sup>**

### **A. Duration and Scope of Training**

Approved residencies in neurology must provide 3 years of graduate education in neurology. It is highly desirable that this be preceded by 12 months of general internal medicine. At the same time, the program meeting these requirements may be of two types:

1. Those that provide 4 years of residency training, the first year of which must include a broad clinical experience in general inter-

1. This material constitutes the Program Requirements for Residency Education in Neurology. The reader is referred to the Institutional Requirements of the Essentials of Accredited Residencies in Graduate Medical Education and to the Program Requirements for Residency Education in Child Neurology. The reader is also referred to the publications of the Accreditation Council for Graduate Medical Education (ACGME) that outline the composition and function of all Residency Review Committees (RRCs); indicate the actions that any RRC may take, as well as the actions that the ACGME may take; and describe the appeals procedure, types of programs, and the relationships among the RRCs, their parent organizations, and the ACGME.

Request to have a program accredited to train residents in neurology (or related inquiries regarding residency programs) should be addressed to Executive Secretary, Residency Review Committee for Neurology, 515 N State St, Chicago, IL 60610. All inquiries as to whether a physician is qualified to be examined for certification in neurology should be addressed to Executive Vice President, American Board of Psychiatry and Neurology (ABPN), 500 Lake Cook Rd/Ste 335, Deerfield, IL 60015.

nal medicine. This year must include at least one of the following: (a) 8 months of internal medicine with primary responsibility in patient care or (b) 6 months in internal medicine with primary responsibility in patient care, and a period of at least 2 months' total time in pediatrics and/or emergency medicine. Residents must spend no more than 2 months in neurology during this year.

2. Those that provide 3 years of residency training but accept only residents who have had an initial first year of graduate training in accredited programs in the United States or Canada. This first year should have the minimum requirements as noted in 1, above.

### B. Objectives

The purpose of the training program is to prepare the physician for the independent practice of clinical neurology. This training must be based on supervised clinical work with increasing responsibility for outpatients and inpatients. It must have a foundation of organized instruction in the basic neurosciences. Training should include not only the specific diseases of the nervous system of different age groups but also the neurological complications of medical and surgical conditions.

### C. Program Design

All educational components of a residency program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Neurology as part of the regular review process.
2. Participation by any institution providing 6 months or more of training in a program of 3 or more years must be approved by the RRC.

## II. Personnel

The director and teaching staff of a program must prepare and comply with written educational goals for the program. The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

There must be a single program director responsible for the program.

1. Qualifications of the program director include
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Psychiatry and Neurology (ABPN) or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include
  - a. Devotion of sufficient time to provide leadership to the program and supervision of the residents.
  - b. Monitoring the content and ensuring the quality of the program.
  - c. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.

- d. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- e. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- f. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- g. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- h. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- i. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- j. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- k. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. The program must have a sufficient number of qualified staff involved in the teaching of residents in each of the component institutions of the program. The staff must devote sufficient time to the program to ensure a basic and clinical education for the residents.
2. Staff members should be certified by the ABPN or have equivalent qualifications.
3. It is desirable that the educational and training background of the staff provide a diversity of ideas in meeting the goals of providing patient care, teaching, and research.
4. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, and a commitment to their own continuing medical education.

5. The staff should actively pursue clinical or basic research interests in the neurosciences and provide to the residents the opportunity to share these experiences.
6. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
7. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
8. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### **C. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### **D. Residents**

The exact number of residents that may be appointed to a given program is not specifically designated. However, the program must maintain a sufficient number of residents to provide the critical mass needed to promote an intellectually stimulating educational atmosphere for the residents. A program should have a critical mass of a minimum of two residents in neurology in each year of the program. The important exchanges of ideas and mutual stimulation that develop among the neurology residents themselves can be fostered by choosing residents from different schools and backgrounds. Programs that fail to recruit any new residents for 2 consecutive years will be subject to adverse action.

### **III. Clinical and Educational Facilities and Resources**

#### **A. Facilities**

Inpatient beds under the clinical control of neurology are required. It is desirable that neurology patients be cared for in one area to enhance patient care and proper training. Neurology residents should be involved in the care of patients with neurological disorders who require intensive care. There should be adequate outpatient facilities, examining areas, conference rooms, and research laboratories. There should be adequate space for offices for the staff members. Space for study, chart work, and dictation must be available for the residents. There must be adequate contemporary clinical laboratory facilities that report rapidly the results of necessary laboratory evaluations, including chemical, electrophysiological, imaging, and other studies usually associated with neurological services. Adequate chart and record-keeping systems must be in use for patient treatment.

#### **B. Library**

Library accessibility is important to a good residency. Because of diversification in the neurological sciences, the library needs are great, covering not only clinical texts, monographs, and journals in clinical neurology but also the basic neurosciences and behavioral sciences. While it may be impossible for a department to maintain a large collection outside a general medical library, essential references must be maintained and be accessible at all times. Library services should include the electronic retrieval of information from medical databases. For multi-institutional programs, residents on

rotation at a distance from the general medical library or the department library may find that access to a comprehensive computerized database is adequate during that portion of their training. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### **IV. Educational Program**

#### **A. Curriculum**

1. Patient care, teaching, and research must be present in every training program. It is, therefore, essential that the neurology residency program contain a component of care to patients. This component should be so designed as to ensure a balance between patient care and education that achieves for the trainee an optimal educational experience consistent with the best medical care. Patient care opportunities should include inpatient, outpatient, and consultation experiences.
2. In the program there must be a minimum of 18 months (full-time equivalent) of clinical adult neurology with primary responsibility in patient care.
3. Residents in neurology must have experience with neurological disorders in children under the supervision of a qualified child neurologist. This must consist of a minimum of 3 months (full-time equivalent) in clinical child neurology with primary responsibility in patient care. Particular emphasis should be given to understanding the growth and development of the nervous system.
4. To ensure an appropriate educational environment and prevent an excessive patient load, the program should provide for the following:
  - a. Residents should be allowed to spend an average of at least 1 full day out of 7 away from the hospital.
  - b. Residents should be assigned on-call duty in the hospital no more frequently than an average of every third night.
  - c. There should be adequate physician coverage if unexpected patient care needs create resident fatigue sufficient to jeopardize patient care during or following on-call periods.

#### **B. Seminars and Conferences**

It is highly desirable that trainees attend conferences in the various disciplines. These should include neuropathology, electroencephalography, electromyography, neuroradiology, child neurology, neuroophthalmology, and general neurological conferences. There should be gross and microscopic pathology conferences utilizing recent pathological specimens. Clinical pathological conferences are particularly valuable. It is useful to give increased responsibility for the planning and supervision of the conferences to the trainee. The resident should be kept informed of major developments in both the basic and clinical sciences relating to neurology. This should be accomplished by attendance at periodic seminars, journal clubs, lectures, didactic courses, and meetings of local and national neurological societies.

#### **C. Teaching Rounds**

Clinical teaching rounds shall be conducted at appropriate intervals. These rounds must be supervised by staff or faculty. They should occur not less than 3 days per week, although it is highly desirable that they be held on a daily basis. Residents must take an active role in this activity.

#### **D. Clinical and Basic Science Teaching**

1. Clinical Science
  - a. The resident must have instruction and practical experience in obtaining an orderly and detailed history from the patient, in

conducting a thorough examination (general mental status, neurological, etc), and in organizing and recording data. The training must include the indications for various laboratory and special diagnostic procedures (ie, radiological and radioisotope studies, computed tomography, magnetic resonance imaging, electroencephalography, electromyography and nerve conduction studies, psychological testing, and other investigations pertinent to clinical neurology) and their interpretation. The resident must have the opportunity to learn to correlate the information derived from these neurodiagnostic studies with the clinical history and examination in formulating a differential diagnosis and management plan for patients with disorders of the nervous system. Often this is best obtained by participating in and performing laboratory procedures and attending instructional exercises in which clinical correlations with laboratory data are emphasized.

- b. The residents must be provided with opportunities to learn the basic principles of psychiatry and to learn about the psychological aspects of the patient-physician relationship and the importance of personal, social, and cultural factors in disease processes and their clinical expression. This should include an opportunity to become familiar with the principles of psychopathology and psychiatric diagnosis. An opportunity to learn the indications for and complications of drugs used in psychiatry is essential.
  - c. Residents must be provided with adequate opportunities to learn the basic principles of rehabilitation for neurological disorders. Because large numbers of chronically disabled patients have neurological disorders, it is especially important for the neurologist to have education, training, and experience in the management of such patients. The resident must become familiar with disorders of aging as they affect the nervous system.
2. Basic Science

Residents must be provided with an adequate background in those basic sciences on which clinical neurology is founded. These include neuroanatomy, neuropathology, neurophysiology, neuropsychology, neurochemistry, neuropharmacology, and the application of genetics and epidemiology to neurological disorders. Because it is not possible for residents to spend time in each of these subdisciplines within the 3-year period of training, the particular resident's capabilities and needs must be considered. An extensive exposure in one or more of these areas is desirable for each trainee. Didactic courses in basic sciences are necessary to provide an overall review and understanding of the field. A particularly good way for the trainee to review the basic sciences is to participate in the teaching and laboratory supervision of the neuroscience courses that are offered in medical schools.

#### E. Resident/Patient Ratio

The number of patients must be neither too large nor too small to provide a sound educational program. There is no set rule regarding the number of patients necessary for each resident. It is the program director's responsibility to see to it that the number of patients is appropriate. They must be diversified as to age and sex, short-term and long-term neurologic problems, and inpatients and outpatients.

#### F. Faculty/Resident Ratio

In general, there should be faculty with diverse interests and skills to make the breadth of teaching appropriate to a program meeting these program requirements, to ensure adequate clinical exposure for residents, and to provide continued interaction (eg, through

seminars, conferences, teaching rounds, and the like) among residents and faculty.

#### G. Diagnostic Skills

Programs must provide mechanisms for the evolution of increasing responsibility and professional maturation of residents. Early clinical assignments should be based on direct patient responsibility for a limited number of patients. Subsequent assignments must place the resident in a position of taking increased responsibility for patients and into a liaison relationship with staff and referring physicians. Night call is an excellent method of furthering the resident's ability to make clinical judgments in the evaluation and care of patients. In this way the resident matures to a point of eventually assuming full responsibility. Adequate faculty supervision, however, is essential throughout the program. Reserving the hospital consultation services for the later portions of the program when a resident is most experienced is an excellent manner of inducing this responsibility. Neurological training must include assignment on a consultation service to the medical, surgical, obstetrics and gynecology, pediatric, and psychiatry services and their subspecialties, to provide broad exposure to the many neurological complications of systemic diseases. The program must afford residents the opportunity to gain an appreciation of the surgical management of disorders of the nervous system. The existence of a neurosurgical service with close interaction with the neurology service is essential.

#### H. Experience on Inpatient and Outpatient Services

The importance of inpatient experience is obvious. Clinical neurology can be mastered only at the bedside, in the outpatient clinic, in the staff physician's offices, and in the emergency department. While much of this education will take place through supervised experience in caring for inpatients on the neurology service, a supervised experience in the outpatient clinic also is important. The resident should have individual responsibility, with supervision, for following selected patients with a variety of diagnoses throughout the neurology training.

#### I. Electives and Subspecialty Experience

While a wide range of clinical experience is mandatory, each resident should be counseled and aided in planning various parts of the program in accordance with individual capabilities and future plans. Clinical assignments need not be identical for each resident. Elective time should accommodate individual interests.

#### J. Resident and Program Evaluation

Resident evaluation by staff should be made after each rotation so that areas of weakness and strength can be communicated to the resident. Records of resident rotations and performance shall be maintained. Periodic review of the resident's performance is essential for planning his or her subsequent educational program. Residents should have the opportunity to evaluate the program at least annually. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

#### K. Resident Participation in Research

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, training must be conducted in centers by neurology departments in which there is

active research, in both clinical and basic neuroscience. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
3. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
4. Provision of support for research opportunities for residents.

#### L. Resident Responsibility for Teaching

The mixture of neurology residents with medical, neurosurgical, pediatric, and psychiatry residents who may be rotating on the neurology service broadens the educational experience. Teaching of other residents, medical students, nurses, and other health-care personnel, formally or informally, are other important aspects of the resident's education in neurology.

#### V. Other

##### A. Special Training for Child Neurologists

Please refer to the program requirements for accreditation of programs offering training for special qualification in child neurology. Those requirements are a part of the essentials for those training programs applying for the prerogative to educate residents for such special qualification. The core program may achieve or retain accreditation whether or not it has an accredited program in child neurology.

##### B. Use of Board Examinations

One measure of the quality of a training program is the proportion of its residents who take the examinations of the ABPN and the proportion who pass those examinations.

##### C. Leave Policy

Each program should develop an equitable leave and vacation policy, in accordance with overall institutional policy.

##### D. Evaluation

The provisions of the institutional requirements of the ACGME must also be met for approval of a neurology residency training program.

*ACGME: June 1992 Effective: July 1995*

## Program Requirements for Residency Education in Child Neurology

### General Information<sup>1</sup>

- A. The initial application for a program in child neurology will not require a site visit, but will require submission of all application materials and information, signed by the director of the program in child neurology and cosigned by the directors of the accredited programs in both pediatrics and neurology.
- B. Subsequent review of child neurology programs will be in conjunction with the survey and review of the core program in neurology. A separate set of forms still will have to be completed by the child neurology program director. In special cases determined by the Residency Review Committee (RRC), a child neurology program may be surveyed and reviewed separately. The RRC will also entertain interim requests and, on occasion, ask for interim progress reports.
- C. The RRC will designate programs as being accredited or not accredited. No further delineation of accreditation categories will be utilized. The accreditation of a program will be directly tied to that of the core. If either core program (neurology or pediatrics) is subsequently accredited on a probationary basis, this is simultaneously a warning to the related child neurology program that accreditation is in jeopardy. Withdrawal of accreditation of either core program will result in a simultaneous loss of accreditation of the child neurology program.
- D. If the core programs remain in good standing but the RRC judges the child neurology program to be in noncompliance with the Program Requirements for Residency Education in Child Neurology, a warning will be issued. If these deficiencies are not corrected, accreditation may be withdrawn from the child neurology program. The Procedures for Proposed Adverse Actions and for Appeal of Adverse Actions may be utilized by programs from which accreditation has been withdrawn in an action separate from withdrawal of accreditation of either of the core programs.
- E. Inquiries about accreditation of child neurology programs should be directed to the Executive Secretary of the RRC for Neurology.

### I. Introduction

#### A. Duration and Scope of Training

Training in child neurology shall encompass a total of 3 years, which can be initiated following 2 years of residency training in pediatrics in an accredited pediatric residency training program in the United States or Canada. As an alternative to 2 years of residency training in pediatrics, a resident can train in one PG-1 year, as described in the Program Requirements for Residency Education in Neurology,

1. This material constitutes the Program Requirements for Residency Education in Child Neurology. The reader should refer as well to the Program Requirements for Residency Education in Neurology for information on requirements for core programs, to which programs in child neurology must be attached. The reader is also referred to the Institutional Requirements of the Essentials of Accredited Residencies in Graduate Medical Education and to other publications of the Accreditation Council for Graduate Medical Education (ACGME), which outline the composition and function of all Residency Review Committees (RRCs); indicate the actions that any RRC may take, as well as the actions that the ACGME may take; and describe the appeals procedure, types of programs, and the relationships among the RRCs, their parent organizations, and the ACGME.

Requests to have a program accredited to train residents in child neurology (or related inquiries regarding residency programs) should be addressed to Executive Secretary, RRC for Neurology, 515 N State St/Ste 2000, Chicago, IL 60610. All inquiries as to whether a physician is qualified to be examined for certification in neurology with special qualification in child neurology should be addressed to Executive Vice President, American Board of Psychiatry and Neurology (ABPN), 500 Lake Cook Rd/Ste 335, Deerfield, IL 60015.

Section I.A.1, and 1 year of residency training in pediatrics. Another training alternative is 1 year of pediatrics plus 1 year of basic neuroscience training. The program director must review and determine the acceptability of these initial 2 years of training. With respect to child neurology training, 1 year of training must be in clinical adult neurology. One year of training shall be referred to as flexible, and the resident must have the opportunity to learn electrodiagnostic neurology, neuropathology, neuroradiology, neuro-ophthalmology, psychiatry, and the basic neurosciences. One year of training shall be in clinical child neurology.

### B. Objectives

The objective of the total training outlined above is to provide the resident with a learning experience that will ensure that he or she will be competent in the discipline of clinical neurology with special skills in the diagnosis and management of neurological disorders of the newborn infant, early childhood, and adolescence.

### C. Program Design

All educational components of a residency program should be related to program goals.

1. The program design and/or structure must be approved by the RRC for Neurology as part of the regular review process.
2. Participation by any institution providing 6 months or more of training in a program must be approved by the RRC.

## II. Personnel

The director and teaching staff of a program must prepare and comply with written educational goals for the program. The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Psychiatry and Neurology (ABPN) with Special Qualification in Child Neurology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Devotion of sufficient time to provide leadership to the program and supervision of the residents. (It is highly desirable that the director be a full-time faculty member.)
  - b. Monitoring the content and ensuring the quality of the program.
  - c. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - d. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.

- e. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- f. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- g. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- h. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- i. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- j. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- k. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities. In addition to the program director, the program providing training in child neurology must have at least one additional physician who has completed training in this specialty. It is highly desirable that he or she be a full-time member of the department/division of child neurology.
2. Staff members should be certified by the ABPN in Neurology with Special Qualification in Child Neurology or possess equivalent qualifications.
3. Staff shall devote sufficient time to the training program to ensure adequate clinical training of the residents in child neurology and will be primarily involved in direction of the residents during their 1 year of clinical child neurology.
4. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a



commitment to their own continuing medical education, and participation in scholarly activities.

5. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
6. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
7. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### D. Residents

Programs that fail to recruit any new residents for 4 consecutive years will be subject to adverse action.

### III. Clinical and Educational Facilities and Resources

#### A. Facilities

The department/division of child neurology shall be part of the department of pediatrics and/or the department of neurology. There shall be ample space with desk availability for study, dictation, and chart work by the residents. Outpatient and inpatient areas may be those used by the parent department. The patient record system will be that used by the parent department in which the clinical activities of the department/division take place.

#### B. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### IV. Educational Programs

#### A. Curriculum

Two of the 3 years of the training program are largely clinical experiences on the inpatient and outpatient services. The other "flexible" year must be designed to provide the resident with expertise in the basic neurosciences in addition to electrodiagnostic neurology and neuropathology. The specific curriculum during this year will be determined by the responsible services and will be dictated by the method by which these disciplines are taught in the individual institution. The exposure to and experience of the child neurology resident in the basic neurosciences must be equivalent to that of the resident in the core adult neurology program.

#### B. Seminars and Conferences

It is highly desirable that the child neurology resident attend and take part in the primary teaching conferences directed by the departments of neurology and pediatrics in which the department/division resides. The department/division of child neurology shall also conduct teaching conferences in which the resident must take an active role at appropriate intervals.

#### C. Teaching Rounds

Clinical rounds shall be conducted at regular intervals during the 1 year of training in clinical child neurology. These rounds must be supervised and directed by the staff or faculty of the child neurology department/division. The resident in child neurology must take an active role in this activity.

#### D. Clinical and Basic Science Teaching

##### 1. Clinical Science

- a. The resident must have instruction and practical experience in obtaining an orderly and detailed history from the patient, in conducting a thorough examination (general mental status, neurological, etc), and in organizing and recording data. The training must include the indications for various laboratory and special diagnostic procedures (ie, radiological and radioisotope studies, computed tomography, magnetic resonance imaging, electroencephalography, electromyography and nerve conduction studies, psychological testing, and other investigations pertinent to clinical child neurology) and their interpretation. The resident must have the opportunity to learn to correlate the information derived from these neurodiagnostic studies with the clinical history and examination in formulating a differential diagnosis and management plan for patients with disorders of the nervous system. Often this is best obtained by participating in and performing laboratory procedures and attending instructional exercises in which clinical correlations with laboratory data are emphasized.
- b. The residents must be provided with opportunities to learn the basic principles of psychiatry and to learn about the psychological aspects of the patient-physician relationship and the importance of personal, social, and cultural factors in disease processes and their clinical expression. This should include an opportunity to become familiar with the principles of psychopathology and psychiatric diagnosis. An opportunity to learn the indications for and complications of drugs used in psychiatry is essential.
- c. Residents must be provided with adequate opportunities to learn the basic principles of rehabilitation for neurological disorders. Because large numbers of chronically disabled patients have neurological disorders, it is especially important for the neurologist to have education, training, and experience in the management of these chronic patients.

##### 2. Basic Science

Residents must be provided with an adequate background in those basic sciences upon which clinical child neurology is founded. These include neuroanatomy, neuropathology, neurophysiology, neuropsychology, neurochemistry, neuropharmacology, and the application of genetics and epidemiology to neurological disorders. Residents should be given the opportunity to acquire familiarity with the principles of psychopathology. Didactic courses in all or some of the basic sciences are necessary to provide an overall review and understanding of the field as it relates to child neurology. A particularly good way for the resident to review the basic sciences is to participate in the teaching and laboratory supervision of the neuroscience courses that are offered in medical schools.

### E. Resident/Patient Ratio

1. During the year of training in clinical child neurology, the resident must work in the outpatient clinic on a regular but not necessarily daily basis and also on the inpatient service on the same basis. While the resident-to-patient ratio will vary from time to time, on average, the resident should manage, in supervised fashion, not less than eight outpatients per week during the time period that he or she is assigned to that area. On the inpatient service, the resident should directly manage no fewer than four hospitalized child neurology patients per week, on average. Assignments must be such that the resident is given increasing responsibility for patients, with evident liaison with staff and referring physicians.
2. To ensure an appropriate educational environment and prevent an excessive patient load, the program should provide for the following:
  - a. Residents should be allowed to spend an average of at least 1 full day out of 7 away from the hospital.
  - b. Residents should be assigned on-call duty in the hospital no more frequently than an average of every third night.
  - c. There should be adequate physician coverage if unexpected patient care needs create resident fatigue sufficient to jeopardize patient care during or following on-call periods.

### F. Faculty/Resident Ratio

In general, there should be enough faculty with diverse interests and skills to make the breadth of teaching appropriate to a program meeting these program requirements; to ensure adequate clinical exposure for residents; and to provide continued interaction (eg, through seminars, conferences, teaching rounds, and the like) among residents and faculty.

### G. Diagnostic Skills

Programs must provide opportunities for increasing responsibility and professional maturity of residents. Early clinical assignments should be based on direct patient responsibility for a limited number of patients. Subsequent assignments must place the resident in a position of taking increased responsibility for patients and into a liaison relationship with staff and referring physicians. Night call is an excellent method of furthering the resident's ability to make clinical judgments in the evaluation and care of patients. In this way the resident matures to a point of eventually assuming full responsibility. Adequate faculty supervision, however, is essential throughout the program. Reserving the hospital consultation services for the later portions of the program when a resident is most experienced is an excellent manner of inducing this responsibility. Neurological training must include assignment on a consultation service to the medical, surgical, pediatric, and psychiatry services and their subspecialties, to provide broad exposure to the many neurological complications of systemic diseases. The program must afford residents the opportunity to gain an appreciation of the surgical management of disorders of the nervous system. The existence of a neurosurgical service with close interaction with the neurology service is essential.

### H. Experience in Outpatient and Inpatient Services

The resident in child neurology shall take part in outpatient activities on a periodic basis and shall be actively involved, with direct faculty supervision, with a wide variety of neurologic problems in infants and children. The outpatient experience must be designed to ensure that the resident will have the opportunity of follow-up care of patients he or she has seen previously. Inpatients with neurologic disorders may be admitted to beds under the direct supervision of the division of child neurology or admitted to beds under the supervision of members of the department of pediatrics or the department of neurology. Night call, including call to the emergency

department and neonatal and other intensive care units, is an essential part of the training experience. In any case, the resident in child neurology shall have responsibility, with faculty supervision, in the discussion regarding decisions that pertain to diagnostic approaches and treatment. Such patients must be examined on a daily basis by the child neurology resident with appropriate and periodic notes made by the child neurology resident in the hospital records. Proper patient care must include direct inspection and review of all diagnostic radiologic procedures performed on the patient being followed or attended to by the child neurology resident.

### I. Electives and Subspecialty Experience

While a wide range of clinical experience is mandatory, each resident should be counseled and aided in planning various parts of the program in accordance with individual capabilities and future plans. Clinical assignments need not be identical for each resident. Elective time should accommodate individual interests.

### J. Resident Evaluation

The program director shall be responsible for the evaluation of the progress of each resident in the child neurology program at intervals of not less than every 6 months and for communicating the evaluation to the resident. This evaluation must incorporate evaluations obtained from faculty in the department of neurology during the resident's rotation on the adult clinical service and flexible experiences, together with evaluations obtained from other faculty in the department/division of child neurology. The residents should have an opportunity to evaluate the program annually. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### K. Resident Participation in Research and Other Scholarly Activity

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity, and child neurology training must be conducted in centers where there is active research activity both in clinical and basic neuroscience fields. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support and encouragement for resident participation in scholarly activities.

### V. Other

#### A. Relation to Core Programs

The 3 years of training in child neurology must take place in a center in which there are accredited residency programs in both pediat-

rics and neurology, and with the approval and support of the program directors of both of these departments.

### B. Use of Board Examinations

One measure of the quality of a training program is the proportion of its graduates who take the examinations of the ABPN, and their performance on those examinations.

### C. Evaluation

The provisions of the Institutional Requirements of the ACGME must also be met for approval of residency training in child neurology.

*ACGME: June 1991 Effective: July 1995*

## Program Requirements for Residency Education in Clinical Neurophysiology

### General Information

- A. The initial application for a program in clinical neurophysiology will not require an on-site survey, but will require submission of all application materials and information signed by the director of the program in clinical neurophysiology and the director of the accredited program in neurology. The Residency Review Committee (RRC) for Neurology will take initial action based on a "paper review" of the program, namely, a review without survey.
- B. Subsequent review of clinical neurophysiology programs will be in conjunction with the survey and review of the core program in neurology. A separate set of forms will have to be completed by the clinical neurophysiology program director. In special cases determined by the RRC, a clinical neurophysiology program will be surveyed and reviewed separately. The RRC will also entertain interim requests and, on occasion, ask for interim progress reports.
- C. The RRC will designate programs as being accredited or not accredited. No further delineation of accreditation categories will be utilized. The accreditation of a program will be directly tied to that of the core. If the core program in neurology is subsequently accredited on a probationary basis, this is simultaneously a warning to the related clinical neurophysiology program that accreditation is in jeopardy. Withdrawal of accreditation of the core program in neurology will result in a simultaneous loss of accreditation of the clinical neurophysiology program.
- D. If the core program remains in good standing but the RRC judges the clinical neurophysiology program to be in noncompliance with the program requirements for clinical neurophysiology, a warning will be issued. If these deficiencies are not corrected, accreditation may be withdrawn from the clinical neurophysiology program. The Procedures for Proposed Adverse Actions and for Appeal of Adverse Actions may be utilized by programs from which accreditation has been withdrawn in an action separate from withdrawal of accreditation of the core program.
- E. Inquiries about accreditation of clinical neurophysiology programs should be directed to the Executive Secretary of the RRC for Neurology.

### I. Introduction

#### A. Definition

Clinical neurophysiology is an area of medicine in which selected neurologic disorders involving central, peripheral, and autonomic nervous systems and muscles are assessed, monitored, and treated using a combination of clinical evaluation and electrophysiological testing. A derangement of the normal physiology of the nervous sys-

tem underlies these selected disorders, and an assessment of the electrophysiological abnormalities is an integral part of the evaluation process.

Clinical neurophysiology requires a detailed knowledge of the normal physiology of the nervous system, the altered abnormal electrophysiology, and the disease states involved. Clinical neurophysiology is not confined to diagnostic techniques, but includes the application of electrical, magnetic, and mechanical methods to the evaluation and treatment of a wide range of diseases including the epilepsies, demyelinating disorders of the nervous system, stroke, Parkinson's disease and other movement disorders, sleep disorders, traumatic disorders, congenital and genetic disorders, intracranial mass lesions, and degenerative diseases. Another application of increasing importance is the use of intraoperative monitoring to guide surgical interventions.

#### B. Duration and Scope of Training

Training in neurophysiology shall encompass a total of 1 year, which must be preceded by the completion of a residency program in neurology, child neurology, general psychiatry, or physical medicine and rehabilitation accredited in the United States. The training must be separate and distinct from all training required for certification in neurology, child neurology, general psychiatry, or physical medicine and rehabilitation. The 1 year in clinical neurophysiology should be in a program that provides training in the broad area of clinical neurophysiology. The training should cover this broad area and include extensive experience in one or more of the following: evoked potential studies, motor and sensory nerve conduction studies, diagnostic electromyography, single fiber electromyography, electrodiagnostic movement disorder assessment, electroencephalography, testing of motor and sensory reflexes, polysomnography, and testing of autonomic function.

#### C. Objective

The objective of the total training outlined above is to provide the resident with the opportunity to develop the expertise necessary to evaluate and manage patients using the procedures and techniques of clinical neurophysiology.

#### D. Program Design

All educational components of a residency program should be related to program goals.

1. The program design and/or structure must be approved by the RRC for Neurology as part of the regular review process.
2. Participation by any institution providing 2 months or more of training in a program must be approved by the RRC.

### II. Personnel

The director and teaching staff of a program must prepare and comply with written educational goals for the program. The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program.

1. Qualifications of the program director include:

- a. Requisite and documented clinical, educational, and administrative abilities and experience.
- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)

- c. Certification by the American Board of Psychiatry and Neurology (ABPN) with Special Qualification in Clinical Neurophysiology or suitable equivalent qualifications, as determined by the RRC.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
- a. Devotion of sufficient time to provide leadership to the program and supervision of the residents in the program. (It is highly desirable that the director be a full-time faculty member.)
  - b. Monitoring the content and ensuring the quality of the program.
  - c. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - d. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - e. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - f. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - g. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.  
The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - h. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - i. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - j. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- k. Preparation of an accurate statistical and narrative description of the program, as requested by the RRC.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities. The program providing training in clinical neurophysiology must have at least two faculty neurologists, including the director, who have completed training in this subspecialty. It is desirable that they be full-time members of the Department of Neurology.
2. Each of these members of the teaching staff should be certified by the ABPN with ABPN-added qualifications in clinical neurophysiology or possess suitable equivalent qualifications.
3. Expertise in the areas of electroencephalography, evoked potentials, nerve conduction studies, and electromyography must be represented among the director and the faculty. The RRC recognizes that expertise in clinical neurophysiology is available from physicians who are board certified in many medical specialties, particularly physical medicine and rehabilitation, anesthesia, internal medicine, and psychiatry, and actively encourages multidisciplinary cooperation in the training of residents.
4. The faculty shall devote sufficient time to the training program to ensure adequate clinical training of the resident in clinical neurophysiology and will be primarily involved in direction of the resident during the 1-year training.
5. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
6. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
7. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
8. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Other Teaching Staff

In addition, faculty with suitable training and experience from other disciplines may be included in the teaching program.

### D. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### E. Residents

Programs that fail to recruit any new residents for 2 consecutive years will be subject to adverse action.

### III. Clinical and Educational Facilities and Resources

#### A. Facilities

The section of clinical neurophysiology shall be within the Department or Division of Neurology and have facilities adequate for the educational program.

#### B. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### IV. Educational Programs

#### A. Curriculum

The training program is largely a clinical experience in which the resident develops and executes a plan of evaluation and treatment, including the appropriate technical skills to deal with patients with various neurological disorders.

#### B. Seminars and Conferences

The section of clinical neurophysiology shall conduct formal lectures and teaching conferences, including but not limited to electroencephalography, polysomnography, electromyography, nerve conduction studies, auditory evoked potentials, visual evoked potentials, somatosensory evoked potentials, motor evoked potentials, autonomic function studies, and monitoring of neural function during surgery. These must include clinical applications for and relevance to underlying disease. The clinical neurophysiology resident must participate actively on a weekly basis in the primary teaching conferences directed by the Department of Neurology in which the section resides. Participation in clinical conferences dealing with epilepsy and neuromuscular disorders is of particular importance. The resident in clinical neurophysiology must have the opportunity to develop competencies in these areas.

#### C. Teaching and Supervision

Supervisory faculty and staff must be available on a full-time basis. The resident in clinical neurophysiology should take an active role in the teaching and training of neurology residents in the Department of Neurology in which the section resides.

#### D. Clinical and Basic Science Teaching

##### 1. Clinical Science

The resident must have instruction and practical experience to permit him or her to develop diagnostic, procedural, technical, and interventional skills essential to the performance of clinical neurophysiology. The clinical experience must include opportunities to observe, evaluate, and manage patients of all ages with a wide variety of disorders of the nervous system and muscles, as well as to learn the effectiveness of the procedures. It should provide for basic and advanced training and education, as well as professional development. Clinical experience must include inpatient care, outpatient care, and support services in the fields of pathology, radiology, and engineering. Examples of clinical problems that should be included in the experience of the resident for the development of knowledge and skills specific to clinical neurophysiology include but are not limited to epilepsy, neuromuscular diseases, trauma and its sequelae, congenital and devel-

opmental disorders, sleep disorders, infections, metabolic disorders, neoplasia, vascular disorders, and degenerative diseases. There should be experience in the development and execution of a plan of evaluation and treatment, including the appropriate technical skills to deal with patients with the above disorders. The opportunity should include experience in clinical diagnosis and accumulation/interpretation of laboratory data relevant to the above disorders as part of outpatient and hospitalized patient diagnostic evaluations. Additional, similar experience during intraoperative and paraoperative monitoring is desirable.

Experience should include training in each of the following:

- a. Visual evoked potentials, auditory evoked potentials, somatosensory evoked potentials
- b. Motor and sensory nerve conduction studies
- c. Diagnostic electromyography and single fiber electromyography
- d. Electrodiagnostic movement disorder assessment
- e. Electroencephalography
- f. Testing of motor and sensory reflexes
- g. Testing of autonomic function
- h. Polysomnography

The resident's experience should include independent studies of a sufficient number of patients to achieve competence in the assessment of patients with a wide range of clinical disorders.

##### 2. Basic Science

Residents must be provided with an advanced and extensive background in those basic sciences on which clinical neurophysiology is founded. These include neurophysiology, neuroanatomy, neuropharmacology, and neuropathology. Didactic lectures and seminars in all or some of the basic sciences are necessary to provide an overall review and understanding of the field as it relates to clinical neurophysiology. A particularly good way for the resident to review the basic sciences is to participate in the teaching and laboratory supervision of the neuroscience courses that are offered in medical schools.

#### E. Resident/Patient Ratio

The number of patients must be adequate to provide a sound educational program. It is the program director's responsibility to ensure that the number of patients is appropriate. Patients must be diversified as to age, sex, short-term and long-term neurological problems, and inpatients and outpatients. The patients available to the resident must not interfere with the training of residents in the core neurology training program.

#### F. Faculty/Resident Ratio

In general, there should be enough faculty with diverse interests and skills to make the breadth of training appropriate to a program meeting these program requirements; to ensure adequate clinical experience for residents; and to provide continued interaction (eg, through seminars, conferences, clinical supervision) among residents and faculty.

#### G. Diagnostic Skills

Clinical assignments should include progressively increasing responsibility for patient care with direct supervision by the appropriate faculty member or staff. Adequate faculty supervision is essential throughout the program.

#### H. Subspecialty Experience

While a wide range of clinical experience is mandatory, each resident should have extensive experience in one or more areas of clinical neurophysiology. Clinical assignments need not be identical for each resident. Subspecialty experience should accommodate individual interests.

## I. Resident Evaluation

Resident evaluation by staff should be made at regular intervals so that areas of weakness and strength can be communicated to the resident. Records shall be maintained documenting resident experience and performance. Periodic review of the resident's performance is essential for planning his or her subsequent educational program. The evaluation will include judging the fund of knowledge, basic clinical competence, general skills in the primary specialty, and specific technical skills required for clinical neurophysiology. The summary and final evaluation of the resident in clinical neurophysiology should be prepared by the program director of the clinical neurophysiology training program and should reflect the periodic evaluation of all the faculty. Each resident should be required to be proficient in the technical skills determined to be necessary for a clinical neurophysiologist and any related standards relevant to neurology. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## J. Resident Participation in Research

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity, and clinical neurophysiology training must be conducted in centers where there is research in clinical neurophysiology. The program should include opportunities for the resident to participate in clinical and basic research projects relating to the field of clinical neurophysiology. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support and encouragement for resident participation in scholarly activities.

## K. Resident Responsibility

The resident's education in clinical neurophysiology is reinforced by teaching the discipline to other residents in neurology and other disciplines, medical students, nurses, and other health-care personnel. Residents must be given this opportunity.

## L. Resident Duty Hours

To ensure an appropriate educational environment and prevent an excessive patient load, the program should provide for the following:

1. Residents should be allowed to spend an average of at least 1 full day out of 7 away from the hospital.
2. Residents should be assigned on-call duty in the hospital no more frequently than an average of every third night.
3. There should be adequate physician coverage if unexpected patient care needs create resident fatigue sufficient to jeopardize patient care during or following on-call periods.

## V. Other

### A. Relation to Core Program

The 1 year of training in clinical neurophysiology must take place in a center in which there is an accredited residency program in neurology and with the written approval and support of the director of the neurology program.

### B. Use of Board Examinations

One measure of the quality of a training program is the proportion of its graduates who take the examination for added qualifications in clinical neurophysiology provided by the American Board of Psychiatry and Neurology, as well as their performance on those examinations.

### C. Evaluation of the Program

The provisions of the Institutional Requirements for residency training of the Accreditation Council for Graduate Medical Education must also be met for approval of training in clinical neurophysiology.

*ACGME: September 1994 Effective: September 1994*

# Program Requirements for Residency Education in Nuclear Medicine

## I. Introduction

Nuclear medicine is the clinical and laboratory medical specialty that employs for diagnosis, therapy, and research the nuclear properties of radioactive and stable nuclides to evaluate metabolic, physiologic, and pathologic conditions of the body.

Residencies in nuclear medicine must teach the basic skills and knowledge that constitute the foundations of nuclear medicine practice and must provide progressive responsibility for and experience in the application of these principles to the management of clinical problems. It is expected that the resident will develop a satisfactory level of clinical maturity, judgment, and technical skill that will, on completion of the program, render the resident capable of independent practice of nuclear medicine.

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Nuclear Medicine as part of the regular review process.

### A. Training Period

Three years of residency training is considered necessary to train a physician in the specialty of nuclear medicine. Residents must complete in a satisfactory manner a 2-year residency training program in nuclear medicine that must be preceded by at least 1 year of satisfactory preparatory residency training in an Accreditation Council for Graduate Medical Education (ACGME)-accredited program that provides broad experience in clinical medicine, in which the primary emphasis is on the patient and the patient's clinical problems. Residents should have a sufficiently broad knowledge of medicine to obtain a pertinent history, perform an appropriate physical examination, and arrive at a differential diagnosis.

### B. Scope of Training

The residency program in nuclear medicine should include the diagnostic, therapeutic, and investigational uses of radionuclides. It should be of sufficient breadth to ensure that all residents become

thoroughly acquainted with current nuclear medicine diagnostic and therapeutic applications. The training experience should ensure ample opportunity to attain competence in selecting the most appropriate nuclear medicine studies for the patient, performing these studies in the technically correct manner, interpreting the information obtained, correlating this information with other diagnostic studies, and treating and following up the patient who receives radionuclide therapy. Under adequate faculty supervision, the resident should participate directly in the performance of imaging studies, nonimaging measurements and assays, and therapeutic procedures.

## II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

**Qualifications:** There must be a single program director responsible for the program. The qualifications of the program director include requisite and documented clinical, educational, and administrative abilities and experience. The program director must be certified by the American Board of Nuclear Medicine or possess suitable equivalent qualifications. She or he must have an appointment in good standing to the medical staff of an institution participating in the program and must be licensed to practice in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.) A complete curriculum vitae of the program director shall be filed with the executive secretary of the RRC at the time of appointment and updated with each review of the program by the RRC.

Responsibilities of the program director include:

1. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
2. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
3. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
4. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
5. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
6. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
7. Provision of notice to the secretary of the RRC of any changes, as they occur, that might significantly alter the educational experience, such as a change in program director, a change in key faculty members, change in institutional affiliation, or a change in the number of residency positions offered.
8. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

The faculty who participate in the program must be qualified nuclear medicine physicians and basic scientists. The number of nuclear medicine faculty and the size of the technologist staff must be large enough to carry out the workload of the facility as well as the responsibilities of the teaching program. The ratio of faculty to residents shall be sufficient to ensure adequate clinical supervision of residents at all times and to provide teaching of the clinical and basic sciences.

All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.

A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## III. Resources

### A. Institutional Sponsor

A residency program in nuclear medicine must have a single parent institution. Affiliations with other hospitals should be based on the value of such affiliation to the training program as a whole. Service or patient care responsibility alone at a participating institution does not constitute a suitable educational experience. Affiliation should be avoided with hospitals that are at such a distance from the parent institution as to make resident attendance at rounds and conferences impractical, unless there is a comparable educational experience at the affiliated hospital. Participation by any institution providing more than three months of training must be approved by the RRC.

### B. Other Specialties

A nuclear medicine residency program requires the actual support of services in other specialties, notably medicine, surgery, radiology, and pathology. There should be other residency programs to provide an opportunity for interaction among residents in the various medical disciplines. Training resources should be such that the total number of residents in the institution is large enough to permit intellectual exchange with residents in the nuclear medicine program.

### C. Facilities

The program must provide adequate space, equipment, and other pertinent facilities to ensure an effective educational experience for residents in nuclear medicine, taking into account the modern facilities and equipment required to practice nuclear medicine.

### D. Library

Residents must have ready access to a major medical library with a representative selection of books and journals related to nuclear medicine, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Library services should include the electronic retrieval of information from medical databases. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries

and/or collections of texts and journals must be readily available during nights and weekends.

#### E. Patient Population and Procedures

The institution sponsoring a residency program in nuclear medicine should be of such size and composition as to provide an adequate volume and variety of patients for resident training.

While the number of procedures may vary from one training program to another, a well-designed program will ensure resident involvement in at least 4,000 nuclear medicine imaging procedures annually, a wide variety of nonimaging procedures to include in vivo kinetic and body composition procedures, and at least 20 radionuclide therapeutic procedures. Imaging procedures should be distributed over the entire spectrum of nuclear medicine practice, including the pediatric age group. An approximate minimum of 200 pediatric nuclear medicine cases should be available over a 2-year period. Resident rotations to hospitals with a large pediatric caseload should be considered if the number of pediatric studies in the parent institution is fewer than 200 averaged over 2 years. Limited outside rotations may be utilized to supplement training in any other branch of nuclear medicine if there is not sufficient patient volume in the parent hospital.

#### IV. Training Objectives

The program must be structured so that the resident's clinical responsibilities increase progressively during training. At the completion of the training program, residents should be able to plan and perform appropriate nuclear medicine procedures, to interpret the results, and to make an appropriate differential diagnosis. They should be qualified to recommend therapy or further studies. If radionuclide therapy is indicated, they should be capable of assuming responsibility for patient care.

#### V. Educational Program

##### A. Components

The training program must provide educational experience in the following areas:

1. Physical science: structure of matter, modes of radioactive decay, particle and photon emissions, and interactions of radiation with matter.
2. Instrumentation: principles of instrumentation used in detection, measurement, and imaging of radioactivity with special emphasis on gamma cameras, including single photon and positron emission tomographic devices, and associated electronic instrumentation and computers employed in image production and display.
3. Mathematics, statistics, and computer sciences: probability distributions; medical decision making; basic aspects of computer structure, function, programming, and processing; applications of mathematics to tracer kinetics, compartmental modeling; and quantification of physiologic processes.
4. Radiation biology and protection: biological effects of ionizing radiation, means of reducing radiation exposure, calculation of the radiation dose, evaluation of radiation overexposure, medical management of persons overexposed to ionizing radiation, management and disposal of radioactive substances, and establishment of radiation safety programs in accordance with federal and state regulations.
5. Radiopharmaceuticals: reactor, cyclotron, and generator production of radionuclides; radiochemistry; pharmacokinetics; and formulation of radiopharmaceuticals.
6. Diagnostic use of radiopharmaceuticals: clinical indications, technical performance, and interpretation of in vivo imaging of the body organs and systems using radiopharmaceuticals, including use of external detectors and scintillation cameras, including sin-

gle photon tomography, and, where available, positron emission tomography; exercise and pharmacologic stress testing, including the pharmacology of cardioactive drugs; physiologic gating techniques; patient monitoring during interventional procedures; management of cardiac emergencies, including electrocardiographic interpretation and cardiopulmonary life support; and correlation of nuclear medicine procedures with other pertinent imaging modalities such as angiography, computed tomography, ultrasonography, and nuclear magnetic resonance imaging.

7. Nonimaging studies: training and experience in the application of a variety of nonimaging procedures, including instruction in the principles of immunology; radioimmunoassay and receptor assay technology; preparation of radiolabeled antibodies; radiopharmaceutical absorption, excretion, and dilution studies; cellular kinetics; and measurement of organ function.
8. Therapeutic uses of unsealed radiopharmaceuticals: patient selection and management, including dose administration and dosimetry, radiation toxicity, and radiation protection considerations in the treatment of metastatic cancer and bone pain, primary neoplasms, solid tumors, and malignant effusions; and the treatment of hematologic and metabolic disorders.
9. Quality assurance: principles of quality assurance, efficacy assessment, and compliance with regulations of the Nuclear Regulatory Commission and the Joint Committee on the Accreditation of Healthcare Organizations.

##### B. Didactic Instruction

Didactic instruction for both imaging and nonimaging applications must be well organized, thoughtfully integrated, and carried out on a regularly scheduled basis. Exposure to the basic sciences should not be limited to didactic instruction. The resident's activities also should include laboratory experience and regular contact with basic scientists in their clinical adjunctive roles. At least 200 hours should be devoted to basic science instruction.

##### C. Conferences

All residents must participate in regularly scheduled clinical conferences, including interdisciplinary conferences, in which the resident is responsible for presenting case materials and discussing the relevant theoretical and practical issues. There should be active resident participation in well-structured seminars that review the pertinent literature with respect to current clinical problems and that include discussion of additional topics to supplement the didactic curriculum.

##### D. Teaching Files

Teaching case files involving diagnostic and therapeutic nuclear medicine procedures should cover the full spectrum of clinical applications; they should be indexed, coded with correlative and follow-up data, and readily accessible for resident use. There must be a mechanism for maintaining case records and treatment results to facilitate patient follow-up and to provide teaching material.

#### VI. Duty Hours

The practice of nuclear medicine requires 24-hour physician availability. Duty hours and night and weekend call for residents must reflect the concept of responsibility for patients and must provide for adequate patient care. Residents must not be required to regularly perform unduly prolonged duties. However, in no case should the resident go off duty until the proper care and welfare of the patient have been ensured. All residents should have the opportunity to spend an average of 1 full day out of 7 free of hospital duties and should be assigned on-call duty in the hospital no more frequently than, on average, every third night. It is the responsibility of the program director to ensure assignment of reasonable in-hospital and on-call duty hours.



Resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction, should be monitored. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

## VII. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship, in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.

## VIII. Evaluation

Resident evaluation should be carried out at least every 4 to 6 months and should concern itself with intellectual abilities, technical skills, attitudes, and interpersonal relationships. Observation of the resident performing specific tasks, such as image interpretation, taking a history and performing a physical examination, choosing diagnostic studies, formulating patient management, and communicating effectively, should be included. There must be provision for appropriate and timely feedback of the content of these evaluations to the resident. Residents should be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth. The program must maintain a permanent record of the evaluation and counseling process for each resident. Such records must be accessible to the resident and other authorized personnel.

The program director must provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

Residents should also be given the opportunity to evaluate the faculty and the program at least annually.

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process. The teaching staff should also periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the

program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

## IX. Additional Information

Programs that fail to recruit residents for at least 2 consecutive years will be subject to withdrawal of accreditation.

Residents who plan to seek certification by the American Board of Nuclear Medicine should communicate with the office of that board regarding the requirements for certification.

*ACGME: February 1993 Effective: July 1995*

# Program Requirements for Residency Education in Obstetrics and Gynecology

## I. Introduction

### A. Program Goals

A residency program in obstetrics-gynecology must constitute a structured educational experience, planned in continuity with undergraduate and continuing medical education, in the health-care area encompassed by this specialty. While such residency programs contain a patient service component, they must be designed to provide education as a first priority and not function primarily to provide hospital service.

An educational program in obstetrics-gynecology must provide an opportunity for resident physicians to achieve the knowledge, skills, and attitudes essential to the practice of obstetrics and gynecology and provide opportunity for increasing responsibility, appropriate supervision, formal instruction, critical evaluation, and counseling for the resident.

### B. Program Design

All educational components of a residency program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Obstetrics-Gynecology as part of the regular review process.
2. Participation by any institution providing 6 months or more of training in a program of 3 or more years must be approved by the RRC.

## II. Institutions

### A. Administration

The administration of the sponsoring institution must demonstrate a commitment to educational and scholarly activities by meeting all provisions of the Institutional Requirements of the *Essentials for Accredited Residencies in Graduate Medical Education* for approval of a residency program.

### B. Participating Institutions

The RRC for Obstetrics-Gynecology, for the purpose of monitoring the structure of residencies, uses the following categories. In all cases, where more than one institution is involved, a formal written agreement must be developed between the responsible administrative bodies of those institutions.

1. Independent—An independent program is conducted within a single educational institution under a single program director.

Extramural rotations for a total of no more than 6 months are permitted under the regulations applied to all programs (see below).

2. **Integrated**—An integrated program is conducted within multiple educational institutions but under a single program director. Each educational institution must have the overall quality and level of supervision and the educational requirements demanded of an independent program. The residents may rotate at any level, including the final senior resident year. The program director must have authority over the educational program in each hospital, including the appointments and assignments of all teaching staff and all residents, and must ensure the uniformity of the educational experience for each resident. Additional extramural rotations for a total of no more than 6 months are permitted under the regulations applied to all programs (see below). If a program includes rotations for a total of more than 6 months for any resident at institutions other than those included in the integrated program, that program becomes an affiliated program.
3. **Affiliated**—An affiliated program is one in which any resident spends a total of more than 6 months in extramural rotations outside the parent institution (or institutions, in the case of integrated programs).

Extramural rotations may be arranged by the program director of either an independent or integrated program to enhance the educational experience of the residents. Only under exceptional circumstances, and with written prior approval of the RRC, may they be included in the final senior resident year. Residents are appointed by their parent program and assigned by it to the affiliated hospitals, where they may spend no more than one-third of the total residency and no more than 12 months in obstetrics-gynecology. Two types of extramural rotations may be considered:

- a. If the total time of extramural rotation from the parent program by any resident during the entire residency exceeds 6 months, the program is considered to be an affiliated program and the entire program must receive prior approval by the RRC.
- b. Rotations for a total of 6 months or less will not require that the program be designated as an affiliated program, and these rotations may be arranged by the program director without prior RRC approval.

### C. Faculty

Each program must have a dedicated program director with an interested and competent teaching faculty sufficient in number and quality to be able to supervise and instruct the residents at all levels and in all of the practice areas of specialty. The director and teaching staff of a program must prepare and comply with written educational goals for the program. The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### 1. Program Director

There must be a single program director responsible for the program.

##### a. Qualifications of the program director include:

1. Being a highly qualified member of the department with substantial experience in education in obstetrics and gynecology who must provide a significant commitment of time and effort to the residency program, demonstrate the ability to organize and direct the teaching program, and maintain a quality teaching staff.

2. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  3. Certification by the American Board of Obstetrics-Gynecology or suitable equivalent qualifications.
  4. Appointment in good standing to the medical staff of an institution participating in the program.
  5. A reasonable tenure of office to ensure continuity of teaching efforts and departmental policy. The RRC must be notified of any change of program directors.
- b. Responsibilities of the program director include:
1. Clearly defined assignment of responsibilities for resident education, including preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  2. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  3. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  4. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  5. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
 

The program director, with participation of members of the teaching staff, shall:

    - a. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    - b. Communicate each evaluation to the resident in a timely manner.
    - c. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    - d. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  6. Verification that residents have satisfactorily completed the program and provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  7. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  8. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support

services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

9. Providing complete and accurate program information forms, including data concerning resident experience, to the RRC, so that a proper assessment of the program can be made.
10. Specific responsibility for all communications with the RRC and reporting of any major change in the residency program.

## 2. Attending Faculty

- a. An obstetrics-gynecology education program must have a sufficient number of attending staff with professional ability, enthusiasm, dedication, and a sense of responsibility for teaching residents. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities. It would be well for the staff to regard these attributes as a prerequisite to active faculty membership and promotion.
  - b. It is desirable that the chief of service of the department be a diplomate of the American Board of Obstetrics-Gynecology.
  - c. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
  - d. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
  - e. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
  - f. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents. The teaching performance of the faculty must be reviewed at least annually.
- ## 3. Other Program Personnel
- Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## D. Scholarly Environment

Documentation of scholarly activity on the part of the program and the faculty must be submitted at the time of program review. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad, ongoing involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Participation in regional or national professional societies.
4. Presentation and/or publication of studies.

5. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
6. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
7. Provision of support for resident participation in scholarly activities.

## E. Facilities

### 1. Outpatient Facilities

Because obstetricians-gynecologists function as providers of comprehensive care for women, experience in the care of ambulatory patients is essential in education programs. Because many of the patient problems seen in the hospital outpatient department are comparable to those seen in office practice, it is essential to provide a closely supervised experience in an active ambulatory setting that also ensures continuity of care for patients by the individual resident.

Increasing responsibility should be given to the resident under the conscientious supervision of a qualified attending staff member.

### 2. Inpatient Facilities

Appropriate inpatient facilities must be available for achievement of educational objectives.

### 3. Medical Records

The fundamentals of good medical history taking and thoughtful, meticulous physical examination must be taught. Information gained by these procedures must be carefully recorded in the medical record. A reliable measure of the quality of a program is the quality of hospital records. These records should include daily appropriate progress notes by residents, together with a discharge summary. The hospital should maintain a record room with adequate cross-indexing and ready reference for study of patients' charts. Periodic summaries of department statistics are essential for the evaluation of results and usually will be requested at the time a program is reviewed by the RRC.

### 4. Medical Library

The medical library is an important resource in the obstetrics-gynecology education program. The library may be sponsored by the hospital or the department, but it must be readily accessible to staff and residents, both during the day and in the evening, including weekends. In addition, there must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in the residency program. The textbooks should be kept up to date, and there should be an ample supply of current journals devoted to obstetrics-gynecology and related subjects. When a comprehensive library is not available in the hospital, an active reference system should be provided through ready access to larger medical libraries. Programs must provide instruction in retrieval and assessment of medical literature, and library services should include the electronic retrieval of information from medical databases.

### 5. Resident Facilities

Adequate facilities for residents to carry out their patient care and personal educational responsibilities are required. These include adequate on-call, lounge, and food facilities for residents while on duty and on call. Also required are clinical support services such as pathology and radiology, including laboratory and radiologic information retrieval systems that allow rapid access to results, and intravenous services, phlebotomy services, and messenger/transporter services in sufficient number to meet reasonable demands at all times.

## F. Other Graduate Medical Education Programs

The program must exist in an educational environment that includes other relevant graduate medical education programs, such as internal medicine, pediatrics, surgery, and family practice.

## III. Curriculum

### A. General

#### 1. Organization and Structure

Resident education in obstetrics-gynecology consists of 4 years of accredited, clinically oriented graduate medical education, of which at least 3 years must be entirely in the specialty of obstetrics-gynecology. Residency programs preceded by a year of education sponsored by the program may contain more residents in that year than the number approved for each year of specialty education. Residency programs may, therefore, be of 3 or 4 years' duration, but programs of different lengths or quality in the same institution will not be approved.

A program director, under suitable circumstances, may elect to credit a resident with a period of graduate education in obstetrics and gynecology gained by the resident before entering the program. The period of education must have been of 4 or more months' duration and must have been received in a hospital conducting a currently accredited residency in obstetrics-gynecology. This time may then be used to provide time, within the 36 months of obstetrics-gynecology, for appropriate electives on other clinical services. It may not be used to shorten the total length of the residency program.

Programs differ widely in the types of experience they offer to physicians entering the first year of graduate education. Many programs include rotations to other clinical services, such as medicine, surgery, or neonatology. Other programs, however, offer predominantly experience in obstetrics-gynecology but may provide elective time later in the residency for rotations to other clinical services.

The specific definition given to the first year of graduate education, as described in the institutional requirements, depends on the content of the education and the administrative structure developed for implementing and supervising the experience.

The RRC has the responsibility for the review of all graduate education programs in obstetrics-gynecology seeking accreditation. If a program includes sponsorship of a first graduate year experience, then the RRC has the responsibility for review of that first graduate year.

Formal teaching activities in obstetrics-gynecology should be structured and regularly scheduled. They should generally consist of patient rounds, case conferences, journal clubs, and coverage of appropriate basic sciences pertinent to the specialty. In cross-disciplinary conferences such as perinatology, appropriate physicians from other specialties should be invited to participate.

The patient population available to the education program should provide a variety of operative experience in obstetrics-gynecology. While the quality of the surgical experience in a hospital is more important than the actual number of cases, and while there is great value to a resident in acting as an assistant to a skilled and experienced obstetrician-gynecologist, it also is essential that the resident gain experience in management of patients by personal evaluation of the signs and symptoms and the physical and laboratory findings leading to a diagnosis and decision for therapy as well as by the performance of technical procedures. An acceptable residency program in obstetrics-gynecology must be able to provide substantial, diverse, and appropriate surgical experience after the residents have mastered the basic skills.

Every program, to be accredited, must have a written statement of the educational objectives for the residents in that program. One example of such objectives is set forth in the current "Educational Objectives for Residents in Obstetrics and Gynecology," produced under the auspices of The Council on Residency Education in Obstetrics and Gynecology (CREOG). Directors of the programs must be able to document that they are reviewing the implementation of the educational objectives and that the residents are indeed accomplishing what is anticipated of them. Any program that does not establish a system that clearly demonstrates that each resident has or has not successfully accomplished each of the items indicated in the program's statement of educational aims and objectives cannot be considered to be an adequate program.

It is not essential or desirable that all education programs be identical in structure or function. It is, however, mandatory that each residency program provide quality education and experience for each of the residents completing the program.

#### 2. Resident Numbers

The number of residents that can be adequately and responsibly educated depends on several interrelated factors. Clinical involvement alone does not constitute an educational experience. The provision of adequate supervision, education, individual evaluation, and administrative support is critical. With this, it is of utmost importance that each resident have sufficient independent operative and clinical responsibilities to prepare for practice in the specialty.

The maximum number of residents in a program is linked to the number that can be accommodated within the framework of these requirements. Because one of the most important considerations is the clinical experience available to give each resident adequate primary responsibility, and because this usually centers on the senior resident year, the maximum number of residents in a program depends on how many senior residents the program can educate. Usually the maximum number of residents in a program is the number of senior residents the program can accommodate multiplied by three or four, depending on the length of the program.

The minimum number of residents in an accreditable program is two per year. Accreditation is granted on the basis of a balance between the educational resources and the number of residents in the program. The appointment of residents in excess of the approved number may adversely affect the quality of the total experience of each resident. Therefore, changes in the educational resources should be reported to the RRC, and proposed increases in the number of residents must first be approved in writing by the RRC.

All requests for a change in the number of residents must demonstrate a distinct and substantial improvement in the educational opportunities for all residents in the program. Such requests must be based not only on the availability of an adequate patient population but also on adequate resources for supervision, education, and evaluation. A request for a change in the number of residents must describe the impact of total experience on each of the senior residents under the new circumstances. The request will be considered incomplete if it lists only expansion in beds, hospitals, or overall clinical experience and does not address the question of expansion of faculty and administrative support necessary to teach, supervise, and evaluate the additional residents. Conversely, a reduction in beds or hospitals, or other changes in the program that may lead to an anticipated decrease in total experience for the residents, must be promptly called to the attention of the RRC to determine if a reduction in

the number of resident positions in a given graduate medical program is necessary.

3. Other Residents and Trainees

The number of residents from other graduate medical education programs in any specialty who are assigned to the obstetrics-gynecology residency should not be so large as to compromise the educational resources of the obstetrics-gynecology residency.

For those residency programs associated with postresidency fellowships, the education of fellows must not compromise the experience of residents.

4. Patient Responsibility/Supervision

Supervision of residents in obstetrics and gynecology is required to ensure proper (a) education, (b) quality of care, (c) patient safety, and (d) fulfillment of responsibility of the attending physicians to their patients. These considerations must be integrated with the goal of independent competence in the full range of obstetrics and gynecology at the completion of residency. This implies a graduated and increasing level of independent resident action that is complete at the end of residency. Each program director must balance quality assurance for patient care, resident education, and independent resident action. The level of resident supervision should be commensurate with the amount of independent function that is designated at each resident level. Residents, as well as faculty, may provide supervision.

On an obstetrics and gynecology service, adequate supervision requires the 24-hour presence of faculty in the hospital. Faculty must be immediately available to the resident if clinical activity is taking place in the operating rooms and/or labor and delivery areas. Faculty must be within easy walking distance of patient care units. Clinical services provided in ambulatory (office) locations require on-site supervision. Open and generously used lines of two-way communication are important and should be encouraged.

If the program director judges that the size and nature of patient population do not require the 24-hour presence of faculty, this situation must be carefully defined and reviewed and should include information about the nature of the hospital, the patient population, the nature of attending staff, and the geographic and climatic situations.

Supervision of residents is a responsibility of the program director and teaching staff. It is the responsibility of the institution sponsoring a residency program to establish oversight to ensure that programs meet the supervisory provisions of these requirements.

5. Graded Responsibility

Complete management of a patient's care under adequate supervision should be considered the highest level of training. There are, however, circumstances under which the resident may not assume complete management:

- a. When the program director or his designee does not believe the resident's expertise or understanding is adequate to ensure the best care of the patient.
- b. When the attending physician is not willing to delegate the necessary degree of responsibility.
- c. When the resident, for religious or moral reasons, does not wish to participate in the proposed procedures.

An essential feature of resident education is that a significant number of staff support the principle of delegation of complete management under supervision.

Increasing responsibility must progress in an orderly fashion, culminating in a senior resident year. The senior resident year consists of 12 months of clinical experience in the last year of the resident's program. Elective time in the senior resident year re-

quires the prior approval of the RRC. The senior resident must have sufficient independent operating experience to become technically competent and have enough total responsibility for management of patients to ensure proficiency in the diagnostic and treatment skills that are required of a specialist in obstetrics-gynecology in office and hospital practice.

6. Duty Hours and Personal Responsibilities

On-call requirements are essential for an optimal educational environment and to ensure continuity of patient care. The number of residents and faculty should be adequate to prevent excessive frequency and length of on-call duty. The scheduling of on-call duty should consider that clinical events in obstetrics and gynecology do take place at any time; that both safe and effective patient care and a good learning environment require adequate periods of rest; and that the residency program appointment is the resident's full-time compensated occupation. The frequency of on-call for residents should be, on the average, no more often than every third night. Residents should be allowed to spend, on the average, at least 1 full day out of 7 away from program duties. The program director must also ensure adequate backup if sudden and unexpected patient care needs create resident fatigue sufficient to jeopardize patient care during or following on-call periods.

B. Specific Training

Resident education must include but not necessarily be limited to the following:

1. Obstetrics

- a. The full range of obstetrics, including high-risk obstetrics and medical and surgical complications of pregnancy
- b. Genetics, including the performance of genetic amniocentesis and patient counseling
- c. Learning and performing operative vaginal deliveries, including obstetric forceps or vacuum extractor
- d. Performing vaginal breech deliveries
- e. Performing vaginal births after previous cesarean delivery
- f. Obstetrical anesthesia: residents must learn the principles of general and conduction anesthesia, together with the management and the complications of these techniques
- g. Experience in the management of critically ill patients
- h. Immediate care of the newborn: every resident must have experience in resuscitation of the human newborn, including tracheal intubation; the principles of general neonatal complications must be learned as well
- i. The full range of commonly employed obstetrical diagnostic procedures, including imaging techniques

2. Gynecology

- a. The full range of the content and patient age of medical and surgical gynecology
- b. Diagnosis and medical and surgical management of urinary incontinence
- c. Oncology, including radiation and chemotherapy
- d. Diagnosis and nonsurgical management of breast disease, including fine needle aspirations
- e. Reproductive endocrinology and infertility
- f. Clinical skills in family planning
- g. Psychosomatic and psychosexual counseling
- h. The full range of commonly employed gynecologic diagnostic procedures, including imaging techniques
- i. Experience in the management of critically ill patients

3. Other

- a. Obstetric and gynecologic pathology
- b. Emergency medicine
- c. Basic medical epidemiology and statistics
- d. Ethics and medical jurisprudence

**C. Research**

The quality of the educational experience within a department of obstetrics and gynecology is enhanced by an active research environment. It is highly desirable that every program encourage each resident to be involved in a research project.

**IV. Evaluation****A. Resident Performance**

The program director must establish methods of periodically and systematically evaluating and documenting the level of performance, experience, and technical skills of the residents. One example of an acceptable mechanism helpful in evaluating cognitive knowledge is the CREOG In-Training Examination. On at least a semiannual basis, program directors or their designees must inform the residents of their individual progress, emphasizing strong points and offering guidance with regard to correcting deficiencies. These evaluations, as well as a list of skills that the resident has mastered, must be documented and available (without revealing the specific resident's identity) at the time the program is reviewed for approval.

Physicians must have the welfare of their patients as their primary professional concern. The resident must therefore demonstrate those humanistic qualities that foster the formation of appropriate patient/physician relationships. These include integrity, respect, compassion, professional responsibility, sensitivity to the patient's needs for comfort and encouragement, and an appropriate professional attitude and behavior toward colleagues. These attributes should be emphasized throughout the curriculum and must be evaluated.

**B. Evaluation and Program Review**

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

For the purpose of program review, accurate and complete documentation of each individual resident's experience for each year of training is mandatory. These records should indicate the level of participation of the resident and skills achieved. The program director must review at least semiannually the record of operative experience with the individual resident for breadth and depth of experience as well as for evidence of continuing growth in technical achievements. These cumulative data will be reviewed in detail at the time of survey for program approval or continued program approval. For the purposes of these records, there is no distinction between private and service patients.

Annually, the program director must collect, compile, and retain the numbers and types of operative procedures performed by residents in the program, together with information describing the total resident experience in each institution and facility utilized in the clinical education of residents. This information must be provided in the format and form specified by the RRC.

One significant measure of the quality of a program is the performance of its graduates on the examinations of the American Board of Obstetrics and Gynecology.

**V. Board Certification**

Residents who plan to seek certification by the American Board of Obstetrics and Gynecology should communicate with the executive director of the board to obtain the latest information regarding current requirements for certification.

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# Program Requirements for Residency Education in Ophthalmology

**I. Introduction**

- A. The Program Requirements for Residency Education in Ophthalmology set forth the educational prerequisites for residents and the minimum components that a residency training program in ophthalmology must possess, including the duration of training, institutional support and administration, faculty, educational program, patient resources, and facilities.
- B. Residency training programs in ophthalmology should be organized to provide a stable, well-coordinated, progressive educational experience for the resident rather than simply to provide health care to patients.

**II. Prerequisites**

All applicants entering ophthalmology training programs must have taken a postgraduate clinical year (PGY-1) in a program accredited by the Accreditation Council for Graduate Medical Education (ACGME) or the Royal College of Physicians and Surgeons of Canada. The PGY-1 year must comprise training in which the resident has primary responsibility for patient care in fields such as internal medicine, neurology, pediatrics, surgery, family practice, or emergency medicine. As a minimum, 6 months of this year must be a broad experience in direct patient care.

**III. Program Goals and Duration****A. Program Goals and Design**

1. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals.
2. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.

**B. Duration of Training**

1. The length of training in ophthalmology must be at least 36 calendar months, including appropriate short periods for vacation, special assignments, or exceptional individual circumstances approved by the program director.
2. Any program that extends the length of training beyond 36 calendar months must present an educational rationale that is consonant with the program requirements and the objectives for residency training. Approval for the extended curriculum must be obtained prior to implementation and at each subsequent review. Prior to entry into the program, each resident must be notified in writing of the required curriculum length.
3. The length of time of residency training for a particular resident may be extended by the program director if a resident progresses at a slower pace than provided by the standard rotations. If the extension is only 6 months or less, the program director must notify the RRC of the extension and must describe the proposed curriculum for that resident and the measures taken to minimize the impact on other residents. (See below, IV.C.4.b.)

## IV. Institutional Support and Program Administration

### A. General

1. There must be a single program director responsible for the program.
2. The institution must ensure that the program director is given sufficient authority, financial support, and facilities by the governing body of the sponsoring institution to permit him or her to organize and supervise the following activities of the training program: resident selection and evaluation, instructional program, patient management, research, and initiation of recommendations for staff recruitment.

### B. Qualifications of the Program Director

1. The program director must be a qualified ophthalmologist, who either is certified by the American Board of Ophthalmology or is judged by the RRC to possess suitable equivalent qualifications. The term of appointment of the program director must be adequate to ensure stability and continuity of the program.
2. The program director must be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
3. The program director must have an appointment in good standing to the medical staff of an institution participating in the program.
4. The program director who serves as administrator, educator, and research coordinator must devote sufficient time to the administration and conduct of the residency training program so that the educational experience for the residents is satisfactory. The RRC for Ophthalmology will evaluate the overall effectiveness of the program director as an administrator, educator, and research coordinator.

### C. Responsibilities of the Program Director

1. The program director must prepare a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
2. The program director, with the support of the institution, must develop and maintain current documentation of institutional or interinstitutional agreements, resident selection and agreements, patient care statistics, faculty evaluations, and assessment of resident performance. This documentation must be provided to the RRC as indicated in the Program Information Forms supplied by the committee secretary.
3. The program director is responsible for notifying the executive secretary of the RRC of any changes in program director and/or departmental chairman as well as of a formal affiliation with another institution.
4. The program director is required to have prior approval of the RRC for the following changes:
  - a. A required rotation of 4 months or more to any institution other than the parent.
  - b. The number of resident positions in the training program, both total number and the number at any level. If the change in resident complement results from the extension of training of a current resident, as described in III.B.3 above, and is not greater than 6 months, only prior notification of the RRC is required.
  - c. The number of years of training.

The appropriate educational justification and documentation must accompany all of these requests so that the RRC may evaluate whether the quality of the program and the resources available are adequate to support the requested change.

5. To ensure proper supervision, the program director must prepare explicit, written descriptions of lines of responsibility for the care of patients and make these clear to all members of teaching teams. Residents must be provided with rapid, reliable systems for communication with and appropriate involvement of supervisory physicians in a manner appropriate for quality patient care and educational programs.
6. The program director must ensure the implementation of fair procedures as established by the sponsoring institution regarding academic discipline and resident complaints or grievances.
7. The program director must monitor resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

## V. Minimum Resident Complement

The RRC recognizes the importance of interaction among residents themselves as well as between faculty and residents in the conduct of conferences and patient care. A critical mass or minimum number of residents is essential to provide an opportunity for meaningful interaction throughout the training period. Each program must be structured to have a minimum of two residents in each year of training.

## VI. Teaching Faculty

- A. The faculty must be highly qualified and possess appropriate clinical and teaching skills. The faculty must devote adequate time to the education of residents. The faculty must have a broad range of subspecialty expertise. Such expertise will usually be acquired by subspecialty fellowship training.
- B. Faculty members should be certified by the American Board of Ophthalmology or possess suitable equivalent qualifications.
- C. There must be sufficient faculty in the program to provide a minimum of one full-time equivalent faculty person for every three residents in the program.
- D. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
- E. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
- F. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

## VII. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## VIII. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the devel-

opment of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

### Scholarly Activity

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity.

This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

## IX. Participating Institutions

A residency program in ophthalmology must have a designated parent institution where the majority of the required clinical and didactic educational experiences occur and are coordinated by the program director. Affiliations with other institutions may sometimes be desirable to provide complementary educational experiences for the residents. Programs that depend on rotations to hospitals other than the parent institution must submit documentation that the following criteria are being fulfilled:

### A. Purpose

There must be a clear statement in the narrative section of the Program Information Forms regarding the purpose of each participating institution, indicating how they enhance the total program and how they are coordinated with the other components of the overall educational experience.

### B. Local Director

There must be a designated local director of the program at each participating institution. The program director must appoint or be consulted in the appointment of the local program director, and this arrangement must be documented in writing by the appropriate individuals at each institution. There must be evidence of ongoing coordination of the various components of the overall program, which would include planning of the rotations, evaluation of residents, and evaluation of each institution by the residents.

### C. Physical Facilities

The program director should ensure that the physical facilities of each participating institution, including outpatient clinic, inpatient facilities, operating rooms, and their respective equipment, meet the program requirements.

### D. Educational Experiences

1. The program director is ultimately responsible for the schedule and composition of the residents' rotations at each participating institution, as well as for the extent of faculty supervision on the clinical services and in the operating room.
2. The program director is ultimately responsible for the content and quality of didactic lectures and conferences and must ensure that these are coordinated with the overall educational activities

of the program. Sample schedules must be submitted along with those from the parent institution.

3. If a participating institution is sufficiently remote from the parent institution to prevent regular attendance by residents at the didactic and clinical conferences at the parent institution or if the rotation otherwise prevents such attendance, the program director must demonstrate that each resident is exposed to a formal educational experience that fulfills the program requirements.
4. Formal teaching case presentations should be included at each participating institution to ensure optimal utilization of patients for teaching purposes; alternatively, cases should be brought from participating institutions to the parent institution for presentation if formal teaching case presentations are held only there.
5. The program director must ensure that all residents have equivalent educational experiences.
6. Rotations to foreign countries shall not be used to meet minimum educational standards.

## X. Educational Program

The program director is responsible for the structure and content of the educational program and must provide the RRC with a statement of objectives, methods of implementation, and procedures for assessment of the program by the faculty and the residents. The educational experience must be designed and supervised by the program director. The educational program should include:

### A. Didactic Instruction in the Basic and Clinical Sciences

Residents should be educated in basic and clinical sciences through lectures and/or regularly scheduled discussions relevant to the practice of ophthalmology. Regularly scheduled required lectures or seminars should be held at the parent institution. The didactic curriculum must encompass a minimum of 360 hours of instruction for residents during the 36-month training program, at least 240 of which must be intramural. The program director is responsible for documenting resident attendance at conferences.

### B. Case Presentations and Clinical Conferences

A minimum of 8 hours per month should be devoted to regularly scheduled formal teaching case presentations and clinical conferences attended by several faculty and a majority of residents.

### C. Pathology

The training experience in ocular pathology should comprise continuing intramural lectures, clinicopathological conferences, and a minimum of 50 hours of laboratory experience in gross and microscopic examination of pathological specimens. This latter experience with a qualified pathologist may take place intramurally or extramurally at a laboratory considered by the RRC to be capable of providing such training. If utilized, this extramural effort should occur during the 36 months of residency training, preferably early in the program, and would not be construed to be a substitute for the continuing intramural program. A short exposure to ophthalmic pathology at a remote course may supplement this training but will not be considered as a substitute for the pathology requirement.

### D. Clinical Experiences

The volume and variety of clinical ophthalmological problems in children and adults must be sufficient to afford each resident a graduated supervised experience with the entire spectrum of ophthalmic diseases so that the resident may develop diagnostic, therapeutic, and manual skills and judgment as to their appropriate use.

#### 1. Outpatient Experience

During the course of training residents should be responsible for the care of an adequate number of outpatients who represent a broad range of ophthalmic diseases. There must be appropriate



faculty supervision of the residents in all outpatient visits. Appropriate faculty supervision occurs when the faculty is readily available to residents for consultation or assistance when requested.

- a. Each resident should participate in a minimum of 3,000 outpatient visits in which the resident performs a substantial portion of the examination and has responsibility for the care of the patient.
  - b. There should be direct faculty supervision of the residents in at least 1,000 outpatient visits. Direct faculty supervision occurs when teaching staff also examine the patient with the resident and discuss the management of the patient with the resident before the patient leaves the clinic.
  - c. A minimum of 1,500 outpatients should be refracted by each resident.
2. **Surgical Experience**
- a. Residents must perform and assist at sufficient surgery to become skilled as general ophthalmic surgeons. That is, each resident must have major technical and patient care responsibilities in the surgery (including laser surgery) of cataract, strabismus, cornea, glaucoma, retina/vitreous, oculoplastic, and trauma to provide an adequate base for a general ophthalmic practice.
  - b. The program director is responsible for documenting the surgical experiences of each resident, to include the number of cases in each category where the resident has served as the primary surgeon or the assistant surgeon. This documentation must be provided to the RRC on its Program Information Forms, and individual resident logs must be available at the time of the site visit.
3. **Systemic Disease Consultation Experience**
- Each resident should care for a minimum of 150 patients seen in consultation during the course of 3 years of training. The types of cases seen should cover a wide spectrum of ophthalmic diseases and ophthalmic manifestations of systemic diseases.

#### **E. Duty Hours and Personal Responsibility**

Duty hours and night and weekend call for residents must reflect the concept of responsibility for patients and provide for adequate patient care. Residents must not be required regularly to perform excessively difficult or prolonged duties. When averaged over 4 weeks, residents should spend no more than 80 hours per week in patient care activities. Residents at all levels should, on average, have the opportunity to spend at least 1 day out of 7 free of patient care activities and should, on average, have patient care activities no more often than every third night.

#### **F. Fellowship Program**

If the residency training program is conducted in conjunction with fellowship training programs for teaching advanced competence in specialized areas of ophthalmology, such fellowship programs must not adversely affect the experience of residents in the core training program.

### **XI. Facilities**

#### **A. Clinic**

The outpatient area of each participating institution must have a minimum of one fully equipped examining lane for each resident in the clinic. There must be access to current diagnostic equipment. This should encompass equipment designed for ophthalmic photography (including fluorescein angiography), perimetry, ultrasonography, keratometry, retinal electrophysiology, and microbiology, as well as other appropriate equipment.

#### **B. Operating Room Facilities**

The surgical facilities at each participating institution in which residents are trained in surgery must include at least one operating room fully equipped for ophthalmic surgery, including an operating microscope.

#### **C. Inpatient Facilities**

There must be inpatient facilities with access to sufficient space and beds for good patient care. An eye examination room with a slit lamp should be easily accessible.

#### **D. Library**

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be readily available an on-site library or a collection of ophthalmological and general medical texts, journals, films, records, and tapes in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### **XII. Evaluation**

#### **A. Program and Faculty Evaluation**

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed.

Teaching faculty must be evaluated on a regular basis. Documentation of faculty evaluation should include teaching ability and commitment as well as clinical knowledge.

Written evaluations by residents, through a mechanism that ensures anonymity, should be utilized in the evaluation of both the program and the faculty.

#### **B. Resident Evaluation**

There must be regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.

#### **C. Final Evaluation**

The program director must provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

### **XIII. Other**

#### **A. Use of Board Examinations**

In its review and evaluation of training programs the RRC for Ophthalmology may use the pass rate on the examinations of American

Board of Ophthalmology for residents completing a particular program as one measure of the quality of that training program.

### B. Institutional Requirements

Training programs in ophthalmology should comply with all of the provisions of the Institutional Requirements.

### C. Certification

Residents who plan to seek certification by the American Board of Ophthalmology should communicate with the executive director of the board regarding specific requirements for certification.

ACGME: February 1993 Effective: July 1995

# Program Requirements for Residency Education in Orthopaedic Surgery

## I. Duration and Scope of Education

- A. Orthopaedic surgery is the medical specialty that includes the study and prevention of musculoskeletal diseases, disorders, and injuries and their treatment by medical, surgical, and physical methods.
- B. An orthopaedic residency may be accredited to offer either 4 or 5 years of graduate medical education.
  1. A 4-year program is preceded by a year of education in an Accreditation Council for Graduate Medical Education (ACGME)-accredited residency in a general medical specialty such as general surgery, internal medicine, or pediatrics. No more than 3 months of orthopaedic surgery education should be offered during that year.
  2. A 5-year program must include 9 to 12 months of nonorthopaedic education and 4 years of orthopaedic education.
- C. The organizational structure of the residency must be such that:
  1. The program director determines the educational content of the program and is responsible for that training.
  2. Orthopaedic education may include rotations on related services such as plastic surgery, rehabilitation, rheumatology, or neurosurgery; however, an orthopaedic residency must include 3 years or more of rotations on orthopaedic services.
  3. A resident does not have assignments totaling more than 6 months in other ACGME-accredited orthopaedic residencies or in institutions that are not accredited to offer orthopaedic education by the ACGME.
  4. An accredited program may include a maximum of 12 months of education in either clinical or laboratory research.
- D. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 6 months of training in a program requires prior approval by the RRC.
- E. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## II. Institutional Organization

- A. The governing body of the sponsoring institution must provide support for the program director in teaching, recruiting staff, selecting residents, assigning residents to an appropriate workload, and dismissing residents whose performance is unsatisfactory and must encourage continuity in the program directorship.
- B. Assurance of due process for residents and teaching staff must be demonstrated.
- C. In communities where the didactic programs of several residencies are combined, the staff of each accredited program must actively and consistently participate in the combined effort.
- D. When the resources of two or more institutions are utilized for the clinical or basic science education of orthopaedic residents, an affiliation agreement specifying the contribution of each institution to the orthopaedic surgery residency must be approved by institutional governing boards.
- E. A program involving more than two institutions must clearly demonstrate the educational need for each institution's participation in the program. Clinical responsibility alone does not constitute a suitable educational experience.
- F. Affiliations should be avoided with institutions that are at such a distance from the sponsoring institution as to make resident participation in program conferences and rounds difficult, unless the participating institution provides comparable activities.
- G. The program director must have the responsibility and authority to coordinate program activities at all participating institutions and maintain a file of written descriptions of the educational activities provided at each institution involved in the program.
- H. In order to provide an adequate interdisciplinary educational experience, the institution must have ACGME-accredited training programs in general surgery and internal medicine. There should be an ACGME-accredited program in pediatrics.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

There must be a single program director responsible for the program. The program director should be the chief administrator of the department, division, or section of orthopaedic surgery. Qualifications of the program director include:

1. Requisite and documented clinical, educational, and administrative abilities and experience.
2. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
3. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
4. Appointment in good standing to the medical staff of an institution participating in the program.

### B. Responsibilities of the Program Director

1. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
2. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.

3. Selection, supervision, and evaluation of the teaching staff and other program personnel at each institution participating in the program.
4. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
5. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
  - a. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  - b. Communicate each evaluation to the resident in a timely manner.
  - c. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  - d. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
6. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
7. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances. The program director must monitor each resident's performance and progress in the development of the cognitive and interpersonal skills, ethics, manual abilities, and affective qualities needed by an orthopaedic surgeon. It is the program director's responsibility to counsel, censure, or, after due process, to dismiss residents who fail to demonstrate appropriate industry, competence, reliability, or ethics.
8. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
9. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
10. The program director must ensure the provision of adequate facilities, teaching staff, resident staff, teaching beds, educational resource materials, outpatient facilities, and research facilities.
11. The director must ensure that resident performance is not impaired by excessive fatigue, whether caused by program duties or other activities. It is desirable that residents' work schedules be designed so that, on average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. The ratio of hours worked to on-call time will vary, particularly at the senior levels, and therefore necessitates flexibility.
12. In institutions that offer postgraduate fellowships and/or other educational experiences, the program director must ensure that these activities do not compromise resident education.

13. The program director must maintain a file of current, written institutional and interinstitutional agreements, resident agreements, patient care statistics, the operative experience of individual residents, policies on duty hours and supervision, and regular assessments of resident performance. These documents must be provided on request to the RRC or to the site visitor.
14. The program director must notify the secretary of the RRC of any change that may significantly alter the educational experience. Examples of such changes are
  - a. Change of program director.
  - b. Major changes in institutional affiliation. Any change in formal affiliation with an institution where a resident spends 6 months or longer requires prior approval by the RRC.
  - c. Extension of a resident's educational period. A program director may retain a resident longer than the duration for which the program is accredited in orthopaedic surgery so that the resident may achieve sufficient competence in the specialty. The RRC must be notified of such retention.
  - d. A change in number of residents. Any change in the number of residents at any level of training or a change in the total number of residents must receive prior approval of the RRC.

#### C. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
  - a. All programs must have at least three faculty who devote at least 20 hours each week to the program.
  - b. There must be at least one full-time faculty equivalent (one FTE equals 45 hours per week devoted to the residency) for every four residents in the program (excluding residents in nonorthopaedic education).
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.
6. It is the responsibility of the teaching staff to:
  - a. Ensure that the structure and content of the residency program reflect an education-to-service ratio that identifies the resident as a student and provide adequate experience in preoperative and postoperative, as well as intraoperative, patient management. This responsibility must include direct supervision appropriate to a resident's competence and level of training in all patient care settings, including operative, inpatient, outpatient, and emergency, and participation in patient care conferences and other educational activities.

- b. Participate in appropriate scientific societies, pursue their own continuing education, and demonstrate an active interest in related research.
- c. Evidence ethical medical practice.

#### D. Residents

When reviewing a program for accreditation, the RRC will approve a maximum total number of residents to be educated in the program and the maximum that may be educated at each level of the program. Those numbers will be based primarily on the number, qualifications, and commitment of the faculty; the volume and variety of the patient population available for educational purposes; the quality of the educational offering; and the totality of institutional resources. It is important that the resident complement be sufficient in number to sustain an educational environment.

#### E. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### IV. Educational Program

#### A. Clinical Resources

Clinical problems must be of sufficient variety and volume to afford the residents adequate experience in the diagnosis and management of adult and pediatric orthopaedic disorders. The residents' clinical experience must include adult orthopaedics, including joint reconstruction; pediatric orthopaedics, including pediatric trauma; trauma, including multisystem trauma; surgery of the spine, including disk surgery, spinal trauma, and spinal deformities; hand surgery; foot surgery in adults and children; athletic injuries, including arthroscopy; metastatic disease; and orthopaedic rehabilitation, including amputations and postamputation care.

#### B. Related Areas of Instruction

Resident education must include orthopaedic oncology, rehabilitation of neurologic injury and disease, spinal cord injury rehabilitation, orthotics and prosthetics, and the ethics of medical practice.

#### C. Continuity of Care

Continuity of care must be emphasized. Residents must participate in the preadmission care, hospital care, operative care, and follow-up care (including rehabilitation) of patients.

#### D. Nonoperative Outpatient Experience

Residents must have adequate experience in nonoperative outpatient diagnosis and care, including all orthopaedic anatomic areas and patients of all age groups.

#### E. Progressive Responsibility

Residents must have the opportunity to assume increasing responsibility for patient care, under direct faculty supervision (as appropriate for a resident's ability and experience), as they progress through a program. Inpatient and outpatient experience with all age groups is necessary.

#### F. Teaching Rounds and Conferences

Faculty and residents must attend and participate in regularly scheduled and held teaching rounds, lectures, and conferences. Subjects of mutual interest should be discussed at interdisciplinary conferences. On average, there must be at least 4 hours of formal teaching activities each week.

#### G. Basic Medical Sciences

Basic science education must include substantial instruction in anatomy, biomechanics, pathology, and physiology. The basic science program must also include resident education in embryology, immunology, pharmacology, biochemistry, and microbiology.

1. Instruction in anatomy must include study and dissection of anatomical specimens by the residents and lectures or other formal sessions.
2. Instruction in pathology must include organized instruction in correlative pathology in which gross and microscopic pathology are related to clinical and roentgenographic findings.
3. Instruction in biomechanics should be presented in seminars or conferences emphasizing principles, terminology, and application to orthopaedics.
4. Organized instruction in the basic medical sciences must be integrated into the daily clinical activities by clearly linking the pathophysiologic process and findings to the diagnosis, treatment, and management of clinical disorders.

#### H. Basic Motor Skills

Instruction in basic motor skills must include experience in the proper use of surgical instruments and operative techniques. Evaluation of new or experimental techniques and/or materials should be emphasized. The application of basic motor skills must be integrated into daily clinical activities, especially in the operating room.

#### V. Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. To develop the abilities to critically evaluate medical literature, research, and other scholarly activity, resident education must include instruction in experimental design, hypothesis testing, and other current research methods, as well as participation in clinical or basic research.
- D. Space, equipment, faculty expertise and supervision, conferences, support personnel, time, and funding must be provided for research in the program.
- E. Program directors must maintain a current record of research activity by residents and faculty.
- F. Library Resources:
  1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
  2. Library resources must include current and past orthopaedic periodicals and reference books that are readily accessible to all orthopaedic residents in the program.

3. Library services should include the electronic retrieval of information from medical databases.
4. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VI. Other

### A. Examinations

One measure of the quality of a program is the performance of its graduates on examinations for certification by the American Board of Orthopaedic Surgery. Program graduates should take the examination, and at least 75% of those who take the exam for the first time should pass.

### B. Change of Program Director

Programs that have acting directors for more than 1 year will be subject to review, which may include a site visit.

### C. Board Certification

Residents should contact the American Board of Orthopaedic Surgery for information regarding certification.

*ACGME: June 1992 Effective: July 1995*

## Program Requirements for Residency Education in Adult Reconstructive Orthopaedics

### I. Introduction

- A. Adult reconstructive orthopaedics is a subspecialty of orthopaedic surgery that includes the in-depth study, prevention, and reconstructive treatment of musculoskeletal diseases, disorders, and sequelae of injuries by medical, physical, and surgical methods. An educational program in adult reconstructive orthopaedics may include the care of arthritis and related disorders in many anatomic regions or be limited to areas such as the hip, knee, shoulder, elbow, or ankle and foot. The program must be organized to provide sufficient experience for fellows to acquire the competency of a specialist in the field.
- B. Postgraduate fellowship education in orthopaedic surgery is a component in the continuum of the educational process, and such education will take place after completion of an accredited residency. Graduate medical education programs in the subspecialties of orthopaedic surgery will be accredited to offer 12 months of education.
- C. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.
- D. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.

E. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

### II. Institutional Resources and Organization

- A. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of adult reconstructive orthopaedics. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.
- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.
- D. Facilities to support the overall educational program must be available and functioning. These include outpatient, inpatient, imaging, laboratory, rehabilitation, and research resources. Operating rooms must be state of the art and contain modern equipment for reconstructive surgery.
- E. There should be broad support from other clinical specialties, including radiology, laboratory medicine, rheumatology, endocrinology, infectious disease, pathology, and rehabilitation.

### III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

The director of the subspecialty program and the director of the affiliated orthopaedic surgery program, in conjunction with the administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.

- d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Fellowship directors must ensure that trainees are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.
  - h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

## B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

## C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## IV. Educational Program

- A. The fellowship must provide sufficiently advanced education to allow the fellow to acquire the expertise of a specialist in adult reconstructive orthopaedics. This education must consist of academic and technical components.
  1. The academic component must emphasize a scholarly approach to clinical problem-solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research.
  2. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of the subspecialty.
- B. The program must offer supervised training in the operative and other technical skills integral to adult reconstructive orthopaedics. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in the subspecialty.
- C. Fellows must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.
- D. Clinical experience must include opportunities to observe and to manage patients with a variety of problems involving orthopaedic reconstruction on both an inpatient and outpatient basis, and the breadth of patient experience should include the evaluation and care of individuals through a wide range of ages, both sexes, and involve acute, subacute, and chronic conditions.
- E. The educational curriculum must include opportunities for fellows to study anatomy, physiology, biomechanics, pathology, microbiology, pharmacology, and immunology as they relate to adult reconstructive orthopaedics.

- F. The program must have regularly scheduled and held subspecialty conferences with active faculty and fellow participation.
- G. The program must emphasize the diagnosis of clinical disorders of the bones, joints, and soft tissues; the pathogenesis of these disorders; the treatment modalities available for managing these disorders; and the results and complications of such treatment. Fellows must assume a major role in the continuing care of patients and have progressive responsibility in patient assessment, preoperative evaluation, operative experience, and postoperative management and rehabilitation.
- H. The fellow must keep a record of the diagnosis and procedure for each operation in which he or she is an operating surgeon or first assistant. This must be kept on file and available for review.
- I. The fellowship program must provide sufficient training to permit fellows to develop clinical competence in the field of adult reconstructive orthopaedics. Reconstructive principles may be broadly based or taught in a context of specific anatomic regions. Examples of knowledge and skills that are desirable include but are not limited to the following:
  - 1. The basic sciences related to adult reconstructive orthopaedics.
  - 2. The natural history of joint diseases.
  - 3. Prudent use of diagnostic laboratory tests.
  - 4. Interpretation of the radiographic and various imaging modality examination of the musculoskeletal system with an appreciation of the risk and information expected of the procedures.
  - 5. Development of a treatment plan to manage patients with traumatic, congenital and developmental, infectious, metabolic, degenerative, and rheumatologic disorders.
  - 6. Development of operative skills in reconstructive orthopaedics, including soft-tissue procedures, osteotomy, bone grafting, excisional arthroplasty, arthrodesis, and prosthetic arthroplasty.
  - 7. Recognition and management of complications of treatment.
  - 8. Assessment of the effectiveness of treatment methods.
  - 9. Sufficient familiarity with current research methods to enable the fellow to critically analyze research reports and to design and implement clinical or basic research in the field of adult reconstructive orthopaedics.
  - 10. Acquisition of teaching skills in adult reconstructive orthopaedics.

#### **V. Program Research and Scholarly Activity**

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

- A. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  - 1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - 2. Participation in journal clubs and research conferences.
  - 3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.

- 4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - 5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - 6. Provision of support for resident participation in scholarly activities.
- B. Fellows must participate in basic and/or clinical research.
    - 1. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty.
    - 2. The program must provide time and facilities for research activities by fellows.

#### **VI. Library**

- 1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
- 2. Library services should include the electronic retrieval of information from medical databases.
- 3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### **VII. Evaluation**

- A. Program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills; attitudinal traits; and surgical judgment. There must be at least semiannual communication of this information to the fellow and to the director of the residency program in orthopaedic surgery.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

*ACGME: September 1989 Effective: July 1995*

## **Program Requirements for Residency Education in Foot and Ankle Orthopaedics**

### **I. Introduction**

- A. Foot and ankle orthopaedics is a subspecialty of orthopaedic surgery that includes the in-depth study, prevention, and treatment of musculoskeletal diseases, disorders, and sequelae of injuries in this anatomic region by medical, physical, and surgical methods.
- B. Programs in foot and ankle orthopaedics will be accredited to offer 1 year of postresidency education to individuals who have completed an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency.
- C. Postgraduate fellowship education in orthopaedic surgery is a component in the continuum of the educational process, and such education will take place after completion of an accredited residency.
- D. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an ACGME-accredited orthopaedic surgery resi-

gency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.

- E. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training in a program must be approved by the RRC.
- F. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.

## II. Institutional Resources and Organization

- A. Adequate facilities to support the overall educational program must be available and functioning. These include outpatient, inpatient, imaging, laboratory, rehabilitation, and research resources. Operating rooms must be adequately equipped for reconstructive surgery.
- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. There should be broad support from other clinical subspecialties, including radiology, pathology, rheumatology, endocrinology, laboratory medicine, infectious disease, rehabilitation, and prosthetics and orthotics.
- D. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of foot and ankle orthopaedics. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.
- E. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

The director of the subspecialty program and the director of the affiliated orthopaedic surgery program, in conjunction with the administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Fellowship directors must ensure that trainees are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.
  - h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.



- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### **B. Teaching Staff**

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. In addition to the program director, there must be at least one other orthopaedist who actively participates in the academic and clinical components of the program and regularly provides supervision and instruction of residents.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### **C. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### **IV. Educational Program**

- A. The educational program in foot and ankle orthopaedics may include the orthopaedic management and appropriate referral for the care of related disorders (eg, rheumatoid arthritis, neuromuscular disorders, and diabetes), as well as those disorders of the leg that may directly or indirectly affect the foot and ankle (eg, compartment syndrome, neuromuscular disease, malalignment of the leg, bone instability).
- B. The educational program must be organized to provide advanced experience for residents to acquire the competency of a specialist in the field. Clinical experience must include opportunities to observe and to manage patients with a variety of problems involving orthopaedic repair of the foot and ankle on both an inpatient and an outpatient basis. The breadth of patient experience should include the evaluation and care of individuals through a wide range of ages and both sexes, and should involve acute, subacute, and chronic conditions.
- C. A postgraduate fellowship program must provide sufficiently advanced education to allow the fellow to acquire special expertise

in foot and ankle orthopaedics. This education must consist of academic and technical components. The academic component must emphasize a scholarly approach to clinical problem solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of foot and ankle orthopaedics.

- D. Programs must provide supervised training in the operative and other technical skills integral to foot and ankle orthopaedics. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in foot and ankle orthopaedics.
- E. The educational curriculum must include the study of anatomy, physiology, biomechanics and gait, pathology, microbiology, pharmacology, and immunology as they relate to foot and ankle orthopaedics.
- F. The program must have regularly held and attended subspecialty conferences, including at least one weekly teaching conference and a monthly morbidity-mortality conference, with active faculty and resident participation. A monthly journal club covering appropriate topics in foot and ankle surgery should be held.
- G. The program must emphasize the diagnosis of clinical disorders of the bones, joints, and soft tissues of the foot and ankle. The pathogenesis of these disorders, the treatment modalities available, and the results and complications of such treatment should be emphasized.
- H. Residents must assume a major role in the continuing care of patients and have progressive responsibility for patient assessment, decisions regarding treatment, preoperative evaluation, operative experience, nonoperative management, postoperative management, rehabilitation, long-term follow-up, and other outpatient care.
- I. A fellow must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of foot and ankle orthopaedics.
- J. Residents must keep a record of the diagnosis and procedure for each operation for which he or she is an operating room surgeon or first assistant. This must be kept on file and available for review.
- K. The program must provide sufficient education to permit residents to develop clinical competence in the field of foot and ankle orthopaedics. Examples of knowledge and skills that are essential include but are not limited to:
  1. The basic sciences related to foot and ankle orthopaedics.
  2. The natural history of disease and disorders of the foot and ankle, including an understanding of the deformed, injured, or diseased pediatric foot.
  3. Prudent use of diagnostic laboratory tests.
  4. Interpretation of the radiographic examination of the musculoskeletal system, particularly the foot and ankle, with an understanding of the risk and information expected of these procedures.
  5. Development of a treatment plan to manage patients with traumatic, congenital and developmental, infectious, metabolic, degenerative, neurologic, and rheumatologic disorders.
  6. An understanding of the importance of the timing of orthopaedic procedures in the overall context of foot and ankle injuries.
  7. Prevention and treatment methods for the management of bony and soft-tissue injuries of the foot and ankle, including

- the indications for various types of internal and external fixation devices and their applications to foot and ankle trauma.
8. Development of operative skills in reconstructive orthopaedics such as soft-tissue procedures, osteotomies, bone grafting, excisional arthroplasty, arthrodesis, and prosthetic arthroplasty.
  9. Understanding of the dysvascular and neurologically impaired foot, including the neuropathic foot, and the indications for various amputation procedures of the foot and ankle.
  10. Recognition and management of complications of treatment.
  11. Assessment of the efficacy of treatment methods.
  12. Sufficient familiarity with current research methods to enable the resident to critically analyze research reports and to design and implement clinical or basic research in the field of foot and ankle orthopaedics.
  13. Recuperative and rehabilitation techniques including the use of physical and occupational therapy designed to return the patient to normal activities and work.
  14. Understanding of prosthetics and orthotics pertaining to disorders of the foot, gait, and amputation.
  15. Development of teaching skills, lecture techniques, and instructional materials in foot and ankle orthopaedics.

#### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. All residents must participate in clinical or basic research, and this should culminate in the development and publication and/or presentation of an appropriate paper.
- D. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty, and the program must provide time and facilities for research activities by faculty and fellows.

#### VI. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.

3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### VII. Evaluation

- A. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed.
- B. The program, the educational process, and its faculty, in respect to academic performance, should be evaluated at least every 2 or 3 years to see if goals and objectives are being met.
- C. This review process must include direct observation and discussion of case management with the resident.
- D. In order to ensure that residents meet the academic and clinical goals of the program, evaluation procedures must include:
  1. Formal testing of residents' cognitive capabilities.
  2. Systematic evaluation and documentation of residents' clinical abilities.
  3. Evaluation of residents' interpersonal skills and attitudinal traits.
- E. Formal review of residents by the program director and members of the teaching staff must include:
  1. Written evaluation of the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures, at least once every 6 months.
  2. Timely communication and review of the written evaluation to the resident.
- F. Programs must maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.

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## Program Requirements for Residency Education in Hand Surgery

### I. Introduction

- A. Surgery of the hand includes the investigation, preservation, and restoration of all structures of the upper extremity that directly affect the form and function of the limb, wrist, and hand by medical, surgical, or physical methods.
- B. Fellowship education in hand surgery is a component in the continuum of the educational process in orthopaedic surgery, and such education will take place after completion of an accredited residency in orthopaedic surgery, plastic surgery, or general surgery. Graduate medical education programs in the subspecialties of orthopaedic surgery will be accredited to offer 12 months of education.
- C. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.
- D. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and

fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.

- E. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.
1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

## **II. Institutional Resources and Organization**

- A. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of hand surgery. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.
- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. Facilities to accomplish the overall educational program must be available and functioning. These include inpatient, ambulatory care, and laboratory resources for adult and pediatric patients and, specifically, support services in the diagnostic field of pathology, radiology, physical and occupational therapy, orthotics, and prosthetics. There must be opportunity for prolonged personal posthospital follow-up of patients cared for by the fellows.
- D. It is desirable that the educational program be affiliated with a facility in which there is additional accredited training in surgery, plastic surgery, and orthopaedic surgery, as well as in other medical and surgical specialties and subspecialties.
- E. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.

## **III. Program Personnel**

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### **A. Program Director**

The director of the hand surgery program and the director of the affiliated orthopaedic surgery program, in conjunction with the administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.

- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Fellowship directors must ensure that residents are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.
  - h. Implementation of fair procedures as established by the sponsoring institution regarding academic discipline and resident complaints or grievances.
  - i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents.

Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### IV. Educational Program

- A. The program must provide sufficiently advanced education to allow the fellow to acquire special expertise in hand surgery. This education must consist of academic and technical components.
  1. The academic component must emphasize a scholarly approach to clinical problem solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research.
  2. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of the subspecialty.
- B. A fellow must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.
- C. The program must offer supervised training in the operative and other technical skills integral to hand surgery. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in the subspecialty.
- D. Clinical experience must include opportunities to observe and manage patients of all ages with a wide variety of disorders of the upper extremity, as well as to learn the effectiveness of therapeutic programs.
- E. The program must be structured to permit the fellow to develop diagnostic, procedural, and technical skills essential to the per-

formance of hand surgery. It must provide for basic and advanced training and education as well as personal operative experience at the highest level to ensure the production of highly qualified hand surgeons.

- F. The program must provide opportunities for fellows to develop clinical competence in the field of hand surgery. Examples of opportunities that are desirable for the development of knowledge and skills specific to hand surgery include but are not limited to trauma and its sequelae, congenital and developmental disorders, infectious and metabolic disorders, neoplasia, vascular disorders, and degenerative and rheumatologic diseases.
- G. There must be experience in the development and execution of a treatment plan (including the appropriate technical skills) to manage patients with the above disorders. This opportunity must include experience in the clinical diagnosis and interpretation of laboratory data relative to the above disorders.
- H. Experience in microsurgery and other special technology relative to the management of hand problems must be provided, as well as experience in the special diagnostic skills such as electrodiagnosis and radiology relative to treating problems of the hand.
  1. The spectrum of education shall extend from the initial management of the patient through aftercare, rehabilitation, and the final evaluation.

### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Fellows must participate in basic and/or clinical research.
  1. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty.
  2. The program must provide time and facilities for research activities by fellows.

### VI. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.

3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VII. Evaluation

- A. Program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills; attitudinal traits; and surgical judgment. There must be at least semiannual communication of this information to the fellow and to the director of the residency program in orthopaedic surgery.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

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## Program Requirements for Residency Education in Musculoskeletal Oncology

### I. Introduction

- A. Postgraduate fellowship education in orthopaedic surgery is a component in the continuum of the educational process, and such education will take place after completion of an accredited residency. Graduate medical education programs in the subspecialties of orthopaedic surgery will be accredited to offer 12 months of education.
- B. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.
- C. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.
- D. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

### II. Institutional Resources and Organization

- A. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of musculoskeletal oncology. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities

are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.

- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.
- D. There should be broad support from other clinical specialties, including diagnostic and therapeutic radiology, pediatrics, nuclear medicine, pathology, surgery and its subspecialties, and medical oncology. Support of oncologic nursing, rehabilitation, nutrition, dietetic, and social services, as well as physical and occupational rehabilitation, is desirable.
- E. Modern facilities to accomplish the overall educational program must be available and functioning. These include inpatient ambulatory care and laboratory resources. Specifically, there should be advanced pathology services, including electron microscopy and immunopathology; resources for nuclear medical imaging, musculoskeletal angiography, and computed tomographic scanning; and sufficient facilities for qualitative correlative studies.
- F. The fellow must have day-to-day access to pathologists and to radiologists with recognized expertise in musculoskeletal pathology and radiology.
- G. On-site radiation and medical oncology facilities and a modern diagnostic radiologic service are necessary.
- H. It is desirable that there be other clinical subspecialties of orthopaedic surgery and general surgery to which the orthopaedic oncology fellow may relate formally, as well as special facilities for musculoskeletal pathology.
- I. There must be a minimum of 200 new cases of benign and malignant tumors with an appropriate mix of primary and metastatic lesions to afford the fellow adequate educational experience in musculoskeletal oncology. This experience must include the care of both inpatients and outpatients.
- J. The program should include access to computer facilities and a teaching collection of slides, x-rays, and specimens that are appropriately indexed for easy retrieval.

### III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

The director of the subspecialty program and the director of the affiliated orthopaedic surgery program, in conjunction with the administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.

- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    - 1. At least semiannually evaluate the knowledge, skills and professional growth of the residents, using appropriate criteria and procedures.
    - 2. Communicate each evaluation to the resident in a timely manner.
    - 3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    - 4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Fellowship directors must ensure that trainees are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.
  - h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents.

Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### IV. Educational Program

- A. The fellowship must provide sufficiently advanced education to allow the fellow to acquire the expertise of a specialist in musculoskeletal oncology. This education must consist of academic and technical components.
  1. The academic component must emphasize a scholarly approach to clinical problem solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research.
  2. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of the subspecialty.
- B. The program must offer supervised training in the operative and other technical skills integral to musculoskeletal oncology. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in the subspecialty.
- C. Fellows must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.
- D. The educational program in musculoskeletal oncology must be organized to provide experience at a sufficient level for the fellow to acquire the competency of a specialist in the field. Clinical experience must include opportunities to observe and to manage

patients with a wide variety of clinical orthopaedic oncologic problems on both an inpatient and an outpatient basis.

- E. The fellow must be given an opportunity to assume continuing responsibility for both acutely and chronically ill patients to learn the natural history of musculoskeletal neoplasia as well as the effectiveness of therapeutic programs.
- F. There should be a weekly multidisciplinary tumor conference involving radiation and medical oncologists, a weekly pathology conference, and ongoing prospective protocol studies.
- G. The educational curriculum must include sufficient material to ensure that the fellow acquires basic knowledge in surgical oncology, radiation therapy, and chemotherapy.
- H. The program must provide training to develop clinical competence in the overall field of musculoskeletal oncology. Examples of knowledge and skill that are desirable include but are not limited to the following:
  1. The natural history of musculoskeletal neoplasia
  2. Knowledge of musculoskeletal surgical pathology
  3. Management of treatment protocols
  4. Knowledge of the indications for and limitations of surgery, radiation therapy, and chemotherapy in the treatment of musculoskeletal neoplasms
  5. Knowledge of the methodology and techniques to perform creditable clinical and/or basic research in musculoskeletal oncology
  6. Acquisition of teaching skills in musculoskeletal pathology and oncology

## V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Fellows must participate in basic and/or clinical research.
  1. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty.
  2. The program must provide time and facilities for research activities by fellows.

## VI. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VII. Evaluation

- A. Program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills; attitudinal traits; and surgical judgment. There must be at least semiannual communication of this information to the fellow and to the director of the residency program in orthopaedic surgery.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

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# Program Requirements for Residency Education in Orthopaedic Sports Medicine

## I. Introduction

- A. Postgraduate fellowship education in orthopaedic surgery is a component in the continuum of the educational process, and such education will take place after completion of an accredited residency. Graduate medical education programs in the subspecialties of orthopaedic surgery will be accredited to offer 12 months of education.
- B. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.
- C. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.
- D. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

## II. Institutional Resources and Organization

- A. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of orthopaedic sports medicine. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.
- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.
- D. Facilities to accomplish the clinical and educational objectives of the specialty must be available and functioning for both inpatients and outpatients.
1. The physical therapy and the athletic training departments must be completely equipped with the modern therapeutic modalities used in the treatment of the injured athlete.
  2. The operating room facilities must contain modern equipment, including arthroscopes, adjunctive equipment for arthroscopy, and necessary radiologic equipment.
- E. The educational program must be conducted in a setting that will allow interaction with the disciplines of radiology, physical therapy, internal medicine, and such other specialties ordinarily encountered in sports medicine.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

The director of the subspecialty program and the director of the affiliated orthopaedic surgery program, in conjunction with the administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for

each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.

- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
  1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  2. Communicate each evaluation to the resident in a timely manner.
  3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Fellowship directors must ensure that trainees are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.
- h. Implementation of fair procedures as established by the sponsoring institution regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.



3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### IV. Educational Program

- A. The fellowship must provide sufficiently advanced education to allow the fellow to acquire the expertise of a specialist in orthopaedic sports medicine. This education must consist of academic and technical components.
  1. The academic component must emphasize a scholarly approach to clinical problem solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research.
  2. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of the subspecialty.
- B. The program must offer supervised training in the operative and other technical skills integral to orthopaedic sports medicine. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in the subspecialty.
- C. Fellows must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.
- D. Clinical experience must include inpatient and outpatient opportunities to observe, manage, operate, and follow patients with a wide variety of sports medicine problems.
- E. The program must be structured to provide the fellow with an opportunity to assume continuing responsibility with appropriate supervision for patients with acute and chronic injuries and to observe the natural course of athletic injuries and the effects of various therapeutic modalities on their outcome.
- F. The program should provide the fellow with the opportunity to work with athletic teams and/or athletic organizations.
- G. The program must emphasize the pathology and biomechanics of athletic injuries and the effects of injury on the athlete, including both physical and psychological manifestations. Appropriate utilization of laboratory tests, physical modalities, and operative procedures for the diagnosis and treatment of athletic injuries must be stressed.

- H. The program must provide the fellow with specific experience with athletic trainers and physical therapists and with related experience in writing appropriate prescriptions and in monitoring patient progress.
- I. The program must provide sufficient opportunity for the fellow to gain knowledge and skill in a number of areas that include but are not limited to:
  1. Taking a history and performing an appropriate physical examination for orthopaedic sports injuries.
  2. Exposure to patients with typical histories and physical findings of chronic orthopaedic sports injuries and the management of those injuries.
  3. Differentiating between those sports injuries that require immediate surgical treatment and those that can be treated nonoperatively.
  4. Recognizing those sports injuries for which a minor delay in treatment would not be deleterious to the patient.
  5. Acute care of orthopaedic and other acute sports medicine injuries that may occur during athletic competition and how to deal with those injuries on the athletic field.
  6. How to order and interpret radiologic examinations that are used for diagnosis of sports injuries, including specific views, tomograms, bone scans, arthrograms, computerized axial tomography scans, and magnetic resonance imaging.
  7. Therapeutic modalities offered in the department of physical therapy, how to use them, and how to judge the appropriateness and efficacy of a treatment plan.
  8. Diagnostic and operative arthroscopy.
  9. Nonorthopaedic problems that occur in sports medicine and how to deal with those problems or how to refer them appropriately.
  10. The psychological effect of injuries on athletes and how to deal with them or how to select consultants to assist in their management.
  11. Sports equipment, particularly protective devices intended to allow the athlete to continue to compete, including helmets, protective pads, knee braces, foot orthotics, and others not specifically named.

### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.

6. Provision of support for resident participation in scholarly activities.
- C. Fellows must participate in basic and/or clinical research.
  1. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty.
  2. The program must provide time and facilities for research activities by fellows.

## VI. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VII. Evaluation

- A. Program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills; attitudinal traits; and surgical judgment. There must be at least semiannual communication of this information to the fellow and to the director of the residency program in orthopaedic surgery.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

ACGME: June 1986 Effective: July 1995

# Program Requirements for Residency Education in Orthopaedic Surgery of the Spine

## I. Introduction

- A. Subspecialty training in orthopaedic spine surgery includes the in-depth study, prevention, and treatment of spinal column diseases, disorders, and injuries by medical, physical, and surgical methods. The educational program of a fellowship in orthopaedic surgery of the spine must be organized to provide sufficient experience for a fellow to acquire the competency of a specialist in the field.
- B. Postgraduate fellowship education in orthopaedic surgery is a component in the continuum of the educational process, and such education will take place after completion of an accredited residency. Graduate medical education programs in the subspecialties of orthopaedic surgery will be accredited to offer 12 months of education.
- C. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.
- D. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of

the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.

- E. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

## II. Institutional Resources and Organization

- A. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of spine surgery. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.
- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.
- D. Facilities and equipment to support the overall educational program must be readily available and functioning. These include outpatient, inpatient, imaging, laboratory, rehabilitation, and research resources. Operating rooms must be state of the art and contain modern equipment for surgery of the spine.
- E. Institutions sponsoring programs in orthopaedic surgery of the spine should also have an ACGME-accredited residency in neurological surgery. The educational program must involve close cooperation with neurological surgery and should maintain close collegial relationships with related clinical specialties including but not limited to physical medicine and rehabilitation, neurology, radiology, pathology, laboratory medicine, anesthesiology, and infectious disease. Exceptions to this standard will be considered on a case-by-case basis and will require justification based on sound educational principles, as well as demonstration of substantial compliance with the intent of this requirement.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

The director of the subspecialty program and the director of the affiliated orthopaedic surgery program, in conjunction with the

administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Fellowship directors must ensure that trainees are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.

- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### IV. Educational Program

- A. The fellowship must provide sufficiently advanced education to allow the fellow to acquire the expertise of a specialist in orthopaedic surgery of the spine. This education must consist of academic and technical components.
  1. The academic component must emphasize a scholarly approach to clinical problem solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research.
  2. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of the subspecialty.
- B. The program must offer supervised training in the operative and other technical skills integral to orthopaedic surgery of the spine. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in the subspecialty.
- C. Fellows must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health

personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.

- D. The fellows' clinical experience must include opportunities to observe and manage patients on both an inpatient and an outpatient basis as well as for the evaluation and care of individuals through a wide range of ages and of both sexes, and with a wide variety of problems in various spinal regions.
- E. The educational curriculum must include anatomy, physiology, biomechanics, microbiology, pathology, and other sciences as they relate to orthopaedic surgery of the spine.
- F. The program must have regularly scheduled and held subspecialty conferences with active faculty and fellow participation.
- G. The program must emphasize the diagnosis of clinical disorders of the spine, the pathogenesis of these disorders, the operative and nonoperative treatment modalities available for managing these disorders, and the results and complications of such treatment.
- H. The educational program will not include experience in the treatment of intradural pathology. When spinal disease or injury and neurological deficit coexist, the educational program will ensure appropriate interdisciplinary cooperation with neurological surgery and rehabilitation medicine. The program structure must ensure that the fellow plays a major role and has progressive responsibility in the assessment, preoperative evaluation, surgical care, and postoperative management and rehabilitation of patients. There must be an opportunity for continuing evaluation of treated patients.
- I. Fellows must maintain a record of the diagnosis and procedure for each operation in which they are an operating surgeon or first assistant that is available for review by the RRC and its site visitors.
- J. Fellows must have the opportunity to develop clinical competence in the field of orthopaedic surgery of the spine. Principles may be broadly based or taught in a context of specific anatomic regions. Examples of knowledge and skills that are essential include but are not limited to:
  1. The basic sciences related to the musculoskeletal system.
  2. The natural history of spinal degeneration.
  3. The ability to assess clinically the neurologic function of the spinal cord and nerve roots.
  4. Prudent use of diagnostic laboratory tests (including electrophysiologic monitoring).
  5. Indications for and interpretation of imaging studies of the spine, including an appreciation of the risk and information expected of the procedures.
  6. Development of a treatment plan to manage patients with traumatic, congenital, developmental, infectious, metabolic, degenerative, and rheumatologic disorders of the spine.
  7. Development of operative skills for the management of patients with orthopaedic disorders of the spine.
  8. Recognition and management of complications of treatment (including appropriate consultations with subspecialists).
  9. Assessment of the effectiveness of diagnostic and treatment methods.
  10. Familiarity with currently used research methods.
  11. Acquisition of teaching skills in evaluation and care of spinal problems.

## V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship, in which residents participate in the development of new knowledge, learn to evaluate research find-

ings, and develop habits of inquiry as a continuing professional responsibility.

- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Fellows must participate in basic and/or clinical research.
  1. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty.
  2. The program must provide time and facilities for research activities by fellows.

## VI. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VII. Evaluation

- A. Program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills; attitudinal traits; and surgical judgment. There must be at least semiannual communication of this information to the fellow and to the director of the residency program in orthopaedic surgery.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

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# Program Requirements for Residency Education in Orthopaedic Trauma

## I. Introduction

- A. Orthopaedic trauma is a subspecialty of orthopaedic surgery that includes the in-depth study and treatment of injuries to the locomotor system and their sequelae. An educational program in or-

- thopaedic trauma must be organized to provide sufficient experience for fellows to acquire the competency of a specialist in the field.
- B. Postgraduate fellowship education in orthopaedic surgery is a component in the continuum of the educational process, and such education will take place after completion of an accredited residency. Graduate medical education programs in the subspecialties of orthopaedic surgery will be accredited to offer 12 months of education.
  - C. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.
  - D. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.
  - E. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.
    - 1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
    - 2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

## II. Institutional Resources and Organization

- A. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of orthopaedic trauma. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.
- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.
- D. Modern facilities to support the overall educational program must be available and functioning. The primary hospital in which the fellow works must be a Level I or II trauma center or equivalent with 24-hour full services, acute and emergency surgery, and at least 50 cases of major trauma each year. It must have a modern operating room facility, image intensification, compatible fracture table, orthopaedic implants in stock, and ideally, a special room dedicated to acute and emergency surgery.

- E. There must be access to records and x-rays of orthopaedic trauma cases for at least 5 years following patient discharge with computerized or some other efficient coding system. There should be photographic records and photography support readily available.
- F. There must be broad support and cooperation from other clinical services, particularly emergency medicine, general surgery, neurosurgery, anesthesia, intensive care, and radiology (including computed tomography and angiography available on an emergency basis). Plastic surgery, urology, otolaryngology, ophthalmology, and pulmonary medical specialists also should be available to provide emergency consultation.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

The director of the subspecialty program and the director of the affiliated orthopaedic surgery program, in conjunction with the administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

- 1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
- 2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    - 1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    - 2. Communicate each evaluation to the resident in a timely manner.

3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Fellowship directors must ensure that trainees are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.
- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program.
2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### E. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## IV. Educational Program

- A. The fellowship must provide sufficiently advanced education to allow the fellow to acquire the expertise of a specialist in orthopaedic trauma. This education must consist of academic and technical components.
  1. The academic component must emphasize a scholarly approach to clinical problem solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research.
  2. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of the subspecialty.
- B. The program must offer supervised training in the operative and other technical skills integral to the treatment of orthopaedic trauma. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in the subspecialty.
- C. Fellows must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.
- D. Clinical experience must include opportunities to observe and to manage patients with a wide variety of problems in orthopaedic trauma, and the breadth of patient experience should include the evaluation and care of individuals of a wide range of ages and both sexes. Generally, care of these patients involves several specialties and a cooperative effort in trauma centers.
- E. The educational curriculum must include opportunities for fellows to study anatomy, physiology, biomechanics, pathology, microbiology, pharmacology, and immunology as they relate to orthopaedic trauma.
- F. The program must hold regularly scheduled subspecialty conferences, including at least one weekly teaching conference, a monthly morbidity/mortality conference, and a monthly conference with other trauma services, with active faculty and fellow participation.
- G. The program must emphasize the diagnosis of clinical orthopaedic trauma problems, the mechanism of injury, the treatment modalities available, and the results and complications of such treatment. Fellows must have the opportunity to assume a major role in the continuity of care of patients and have progressive responsibility for patient assessment, preoperative planning, operative experience, postoperative intensive care, other postoperative management, rehabilitation, and other outpatient care of patients.
- H. The fellow must keep a record of the diagnosis and procedure for each operation in which he/she is an operating surgeon or first assistant. This must be kept on file and available for review.
- I. The fellowship program must provide sufficient training to permit fellows to develop clinical competence in the field of orthopaedic trauma, and in resuscitation as applied to the patient with polytrauma. Examples of knowledge and skills that are desirable include but are not limited to the following:
  1. The basic sciences related to orthopaedic trauma.
  2. An understanding of the integration of the orthopaedic traumatologist in a trauma team and an appreciation of the importance of the timing of orthopaedic procedures in the overall care of the severely injured patient.
  3. Indications for various types of internal and external fixation devices and their applications in multiple trauma situations, both in the axial and appendicular skeletons.

4. Prophylactic and treatment protocols for severe soft-tissue injuries and secondary organ failures in polytrauma.
5. Indications for early or immediate amputation rather than salvage attempts in severely injured limbs.
6. Pathophysiology of severe musculoskeletal trauma and secondary organ failure.
7. Psychiatric and psychologic implications of severe musculoskeletal trauma for the patient and family members.
8. Recuperative and rehabilitation techniques and use of physical and occupational therapy designed to return the patient to normal activities and work.
9. Sufficient familiarity with current research methods to enable the fellow to critically analyze research reports and to design and implement clinical or basic research in the field of musculoskeletal trauma.
10. Teaching skills and lecture techniques and materials in orthopaedic traumatology.
11. Overall, the fellow must develop medical, surgical and psychosociological skills in the management of the severely injured patient.

### **V. Program Research and Scholarly Activity**

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Fellows must participate in basic and/or clinical research.
  1. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty.
  2. The program must provide time and facilities for research activities by fellows.

### **VI. Library**

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts

and journals must be readily available during nights and weekends.

### **VII. Evaluation**

- A. Program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills; attitudinal traits; and surgical judgment. There must be at least semiannual communication of this information to the fellow and to the director of the residency program in orthopaedic surgery.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

*ACGME: September 1989 Effective: July 1995*

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## **Program Requirements for Residency Education in Pediatric Orthopaedics**

### **I. Introduction**

- A. Postgraduate fellowship education in orthopaedic surgery is a component in the continuum of the educational process, and such education will take place after completion of an accredited residency. Graduate medical education programs in the subspecialties of orthopaedic surgery will be accredited to offer 12 months of education.
- B. Postgraduate fellowship programs in the subspecialties of orthopaedic surgery may be accredited in institutions that sponsor accredited residency programs in orthopaedic surgery or that are affiliated with an Accreditation Council for Graduate Medical Education (ACGME)-accredited orthopaedic surgery residency. Requests for exceptions to this policy will be reviewed on a case-by-case basis.
- C. When orthopaedic residents and fellows are being educated in the same institution, the residency director and the director of the fellowship must jointly prepare and approve a written agreement specifying the educational relationship between the residency and fellowship programs, the roles of the residency and fellowship directors in determining the educational program of residents and fellows, and the roles of the residents and fellows in patient care.
- D. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

### **II. Institutional Resources and Organization**

- A. Programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes essential to the practice of pediatric orthopaedics. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when

the educational program functions primarily to meet service commitments.

- B. A sufficient number of new and follow-up patients must be available to ensure adequate inpatient and outpatient experience for each fellow without adversely diluting the educational experience of the orthopaedic surgery residents or the educational experience of residents in other specialties.
- C. There must be close monitoring of the interface between residency and fellowship education. It is imperative that orthopaedic fellowship education not interfere with the education of residents. Lines of responsibility for the orthopaedic resident and the fellow must be clearly defined. In addition, the fellow should maintain a close working relationship with orthopaedic residents and other fellows in orthopaedic surgery and in other disciplines.
- D. Inpatient, ambulatory care, and laboratory facilities must be available and functioning.
- E. The program must be conducted in a setting in which comprehensive surgical, medical, and pediatric consultation services are available.

### III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

The director of the subspecialty program and the director of the affiliated orthopaedic surgery program, in conjunction with the administration of the institution, will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality.

There must be a single program director responsible for the program.

- 1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted).
  - c. Certification by the American Board of Orthopaedic Surgery or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
- 2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.

- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
  - 1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  - 2. Communicate each evaluation to the resident in a timely manner.
  - 3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  - 4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Fellowship directors must ensure that trainees are given reasonable duty and call assignments. It is desirable that fellows' work schedules be designed so that on average, excluding exceptional patient care needs, fellows have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Scheduling will necessitate flexibility, as fellows are at the postgraduate level, so the ratio of hours worked and on-call time may vary.
- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Teaching Staff

- 1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program.
- 2. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
- 3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
- 4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
- 5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
- 6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and admin-



istrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### IV. Educational Program

A. The fellowship must provide sufficiently advanced education to allow the fellow to acquire the expertise of a specialist in pediatric orthopaedics. This education must consist of academic and technical components.

1. The academic component must emphasize a scholarly approach to clinical problem solving, self-directed study, teaching, development of analytic skills and surgical judgment, and research.
2. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for practice of the subspecialty.

B. The program must offer supervised training in the operative and other technical skills integral to pediatric orthopaedics. Instruction and experience must be sufficient for the fellow to understand the indications, risks, and limitations of the commonly performed procedures in the subspecialty.

C. Fellows must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.

D. The fellows' clinical experience should include observation and treatment of both inpatients and outpatients with a wide variety of orthopaedic disorders.

E. Fellows must have the opportunity to assume continuous responsibility for both acutely and chronically ill patients so as to learn the natural history of pediatric orthopaedic disorders as well as the effectiveness of treatment programs and the impact of growth on these disorders.

F. The program should emphasize normal physiologic mechanisms and the pathogenesis and complications of pediatric orthopaedic disorders.

G. Utilization of appropriate laboratory procedures and allied medical personnel should be stressed.

H. The knowledge and skills the program must cover include but are not limited to:

1. Prudent and judicious use of diagnostic tests.
2. Use of data resources and the need for and interpretation of data.
3. Interpretation of radiologic examination of the musculoskeletal system, including vascular studies and the modalities of nuclear medicine (and other advanced techniques) with an appreciation of the risk and expected yield of the procedures.
4. Understanding of the roles of physical and occupational therapists, orthotists, and prosthetists in the rehabilitation and on-going management of pediatric orthopaedic disorders.
5. Performance of pediatric orthopaedic surgical procedures.

#### V. Program Research and Scholarly Activity

A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research find-

ings, and develop habits of inquiry as a continuing professional responsibility.

B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

C. Fellows must participate in basic and/or clinical research.

1. Fellows must learn to design, implement, and interpret research studies under supervision by qualified faculty.
2. The program must provide time and facilities for research activities by fellows.

#### VI. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### VII. Evaluation

- A. Program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills; attitudinal traits; and surgical judgment. There must be at least semiannual communication of this information to the fellow and to the director of the residency program in orthopaedic surgery.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

ACGME: June 1985 Effective: July 1995

# Program Requirements for Residency Education in Otolaryngology

## I. Introduction

### A. Definition of the Specialty

This specialty is devoted to the provision of comprehensive medical and surgical care of patients with diseases and disorders of the head and neck that affect the ears, the facial skeleton, the respiratory and upper alimentary systems, and related structures. Specialists in this discipline must have core knowledge, skills, and understanding of the basic medical sciences relevant to the head and neck; the respiratory and upper alimentary systems; the communication sciences, including knowledge of audiology and speech-language pathology; and the chemical senses of smell and taste, as well as allergy, endocrinology, and neurology as they relate to the head and neck. Included are the clinical aspects of diagnosis and the medical and surgical therapy, reconstruction, or prevention for diseases, neoplasms, deformities, disorders, and injuries of the head and neck.

### B. Purpose

The fundamental purpose of residency education in otolaryngology is to educate and train physicians to function independently as specialists in the field of otolaryngology-head and neck surgery.

### C. Institutional Commitment

The sponsoring institution must provide sufficient faculty, financial resources, support space, clinical and research facilities, and library materials to meet the educational needs of the residents and to enable the program to comply with the requirements for accreditation. The governing body of the sponsoring institution must grant the program director sufficient authority, financial support, and access to facilities to organize and supervise the following activities: resident selection and evaluation; the didactic and clinical components of the program, including patient management and scholarly activity; and staff recruitment and evaluation. There must be sufficient operative time available to ensure an adequate resident surgical experience.

### D. Duration of Training

1. Residency programs in otolaryngology-head and neck surgery must be 5 years in duration, which must include 1 year of general surgery, 3 years of progressive training in the specialty, and 1 additional year in an Accreditation Council for Graduate Medical Education (ACGME)-accredited residency training program. The experience in the basic surgical sciences should precede the training in otolaryngology-head and neck surgery. The final year of the 5 years of training must be a senior resident experience and must be spent within the institutions that are approved as part of the program, unless prior approval of an outside rotation has been obtained from the Residency Review Committee (RRC).
2. Any program that extends training beyond these minimum requirements must present a clear educational rationale consonant with the program requirements and objectives for residency training. The program director must obtain the approval of the sponsoring institution and the RRC prior to implementation and at each subsequent review of the program.
3. Prior to entry into the program, each resident must be notified in writing of the required length of training. The required length of training for a particular resident may not be changed without mutual agreement during his or her program unless there is a signifi-

cant break in his or her training or the resident requires remedial training.

### E. Scope of Training

While it is not essential that all programs have exactly the same curriculum or that they offer a uniform sequence of experience, all accredited programs should adequately cover the entire scope of the discipline, with interdisciplinary interaction as appropriate.

1. A comprehensive educational experience should be provided in the areas of bronchoesophagology, facial plastic and reconstructive surgery, head and neck surgery, laryngology, rhinology, otology, otolaryngic allergy, immunology, endocrinology, and neurology. Sufficient clinical and operative experience must be provided to enable the residents, on completion of their training, to practice this specialty in a scientific, knowledgeable, and independent manner.
2. The program must have a comprehensive, well-organized, and effective curriculum, including the cyclical presentation of core specialty knowledge supplemented by the addition of current information. There must be evidence that the teaching is conducted in a variety of educational settings, such as clinics, classrooms, operating rooms, bedsides, and laboratories, employing accepted educational principles.

## II. Participating Institutions

A program need not be confined to a single hospital. In programs involving two or more hospitals, it is essential that the program be organized by the sponsoring institution with responsibility for the progressive education of the residents. Training at each participating institution must comply with the program requirements.

- A. Each participating institution must offer significant educational opportunities to the overall program.
- B. Residents may not rotate to unaffiliated institutions for more than a total of 3 months without prior approval of the RRC.
- C. There shall be a qualified otolaryngologist-head and neck surgeon appointed by and responsible to the program director in each geographically separate institution. This individual must be responsible for the education of the residents and will also supervise the educational activities of the other faculty relating to resident education in that institution. The training director at each participating institution must have major clinical responsibilities at that institution.

## III. Personnel

Approval cannot be granted for a residency program if the service is a division of the department of surgery, unless that division is headed and staffed by qualified otolaryngologist-head and neck surgeons. The program director and the faculty are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director Qualifications and Responsibilities

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Otolaryngology or suitable equivalent qualifications in otolaryngology-head and neck surgery.

- d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff and should be readily available for review.
  - b. Devotion of sufficient time to the program to provide continuity of leadership and to fulfill all of the responsibilities inherent in meeting the educational goals of the program. Continuity of leadership over a period of years is important to the stability of a residency program. Frequent changes in leadership or long periods of temporary leadership usually have an adverse effect on an educational program and will be cause for serious concern.
  - c. Development of a sound administrative organizational framework and an effective faculty as essential elements of an approved residency program.
  - d. Active involvement in (a) clinical practice, (b) continuing medical education, (c) regional or national scientific societies, (d) presentations and publications, and (e) research.
  - e. Overseeing and organizing the activities of the educational program. The responsibilities of this position should include but not be limited to the following:
    1. Resident appointments and assignments
    2. Supervision, direction, and administration of the educational activities
    3. Evaluation of the house staff, faculty, and residency program
    4. Appointment of local training directors in participating institutions.
  - f. Supervising residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - g. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
  - h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
  - k. Promptly notifying the executive secretary of the RRC in writing of any major change in the program that may significantly alter the educational experience for the residents, including:
    1. Changes in leadership of the department, such as his or her appointment as a permanent or acting program director and/or departmental chairman.
    2. Changes in administrative structure, such as an alteration in the hierarchical status of the program/department within the institution.

1. Obtaining prior approval of the RRC for the following changes in the program to determine if an adequate educational environment exists to support these changes:
  1. The addition of any institution to which residents rotate for more than 3 months.
  2. Any change in the approved resident complement of the program.
  3. Any change in the length or format of the training program.Upon review of a proposal for a major change in a program the RRC may determine that a site visit is necessary.

#### **B. Faculty Qualifications and Responsibilities**

1. There must be a sufficient number of faculty with documented qualifications to instruct and supervise adequately all residents in the program. Members of the faculty must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. The faculty is responsible to ensure that the structure and content of the residency program reflects an appropriate education-to-service ratio that identifies the resident as a student and provides adequate experience in preoperative, intraoperative, and postoperative patient care. This responsibility must include on-site supervision of the resident in operative, inpatient, outpatient, and emergency cases and participation in patient care conferences and other educational exercises.
3. It is desirable that there be at least two other members of the faculty who possess qualifications similar to those of the program director.
4. Faculty should demonstrate committed participation to the goals and objectives of the educational program, be willing to devote the necessary time and effort to the educational program, and be engaged in scholarly activities, including:
  - a. Participation in and presentation of their work at regional or national scientific societies
  - b. Participation in their own continuing medical education
  - c. Participation in clinical and/or basic research
  - d. Publication in refereed journals, monographs, or books.A faculty that does not exhibit such characteristics will be the cause of grave concern to the RRC as to its adequacy and suitability for conducting a program of graduate education in otolaryngology-head and neck surgery.
5. There must be clear documentation of adequate faculty commitment to the residency program. One measure of this commitment is the extent to which faculty members permit residents to participate in the management of their private patients.
6. A faculty member from each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
7. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
8. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the faculty, and the quality of supervision of residents.

#### **C. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

**D. Appointment of Residents**

1. The RRC will approve a total number of residents to be trained in the program by training year. That number will be based primarily on the number, qualifications, and commitment of the faculty; the volume and variety of the patient population available for educational purposes; and the totality of institutional resources committed to resident education.
2. Programs may not graduate more residents in any given year than the number of residents approved by the RRC, except in cases where a resident's training is extended because the program director has determined the need for additional training to meet minimum requirements for competency. In this circumstance, the RRC must be notified in writing of the decision to extend a resident's training. Otherwise, any increase in the number of residents at any level of training or in the total number of residents must receive prior approval of the RRC. Requests for changes in the approved resident complement of a program must include a strong educational rationale. Requests based primarily on service considerations will not be approved.
3. A vacancy in a resident complement, if filled, must be at the same level in which the vacancy occurs, unless otherwise approved by the RRC.

Violations of these requirements may result in an adverse accreditation decision.

**E. Appointment of Fellows**

1. The appointment of other individuals for special training or education, such as fellows, must not dilute or detract from the educational opportunities of regularly appointed residents.
2. The admission of fellows requires a clear statement of the areas of training, clinical responsibilities, and duration of the fellowship. This statement is to be supplied to the RRC at the time the program is site visited.
3. If fellows so appointed will, in the judgment of the RRC, detract from the education of the regularly appointed otolaryngology residents, the accreditation status of the program may be adversely affected.

**IV. Facilities and Resources**

There must be adequate space and equipment for the educational program, including meeting rooms; classrooms with audiovisual and other educational aids; office space for staff; pertinent library materials; and diagnostic, therapeutic, and research facilities.

- A. Within each institution, beds sufficient for the needs of the service must be provided, preferably within a single area designated for the use of the service.
- B. Residents must have access to outpatient facilities, clinics, and office space for training in the regular preoperative evaluation and postoperative follow-up for cases for which the resident has responsibility.
- C. Technologically current equipment considered necessary for diagnosis and treatment must be available.
- D. A hospital medical records department that facilitates both quality patient care and education must be available.
  1. It should be supervised by a qualified medical records librarian.
  2. Clinical records should be maintained to ensure easy and prompt access at all times.
  3. The records systems should be organized to permit the collection and evaluation of selected material from clinical records for investigative and review purposes.
- E. Residents should be provided with adequate office, sleeping, lounge, and food facilities during assigned duty hours. Adequate clerical support services also must be provided.

- F. Institutions should provide adequate resources for research such as statistical consultation and computer services. Active research laboratories should be available.

**V. Educational Program****A. Program Goals and Objectives**

The program director and faculty must prepare and comply with written educational goals for the program.

1. Program Design
 

All educational components of a residency program should be related to program goals.

  - a. The program design and/or structure must be approved by the RRC as part of the regular review process.
  - b. Participation by any institution providing more than 3 months of education must be approved by the RRC.
2. Program Evaluation
 

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

**B. Specialty Content**

The broad scope of practice of otolaryngology-head and neck surgery requires that the program provide surgical and medical training in the following areas:

1. Morphology, physiology, pharmacology, pathology, microbiology, biochemistry, genetics, and immunology relevant to the head and neck; the respiratory and upper alimentary systems; the communication sciences, including knowledge of audiology and speech-language pathology; the chemical senses and allergy, endocrinology, and neurology as they relate to the head and neck
2. Diagnosis and diagnostic methods, including audiologic and vestibular assessments, electrophysiologic techniques, and other related laboratory procedures for diseases and disorders of the ears, the respiratory and upper alimentary systems, and the head and neck
3. Therapeutic and diagnostic radiology, including the interpretation of medical imaging techniques relevant to the head and neck and the thorax, including the temporal bone, skull, nose, paranasal sinuses, salivary and thyroid glands, larynx, neck, lungs and esophagus
4. Diagnostic evaluation and management of congenital anomalies, allergy, trauma, and diseases in the regions and systems mentioned above
5. The cognitive management, including operative intervention with its preoperative and postoperative care, of congenital, inflammatory, endocrine, neoplastic, degenerative, and traumatic states, including the following major categories:
  - a. General otolaryngology
  - b. Head and neck
  - c. Plastic and reconstructive surgery
  - d. Otology
  - e. Endoscopy
6. The habilitation and rehabilitation techniques and procedures pertaining to respiration, deglutition, chemoreception, balance, speech, and hearing
7. Residents must receive training in the following diagnostic and therapeutic techniques:
  - a. Application and utilization of lasers
  - b. Flexible and rigid perioral endoscopy

**C. Surgical Experience**

1. Institutional operative experience: The institutions in the program must have an adequate number and variety of adult and

pediatric medical and surgical patients who are available for resident education.

2. Resident operative experience: While not all residents are expected to have operative experience in all of the components of the specialty, the surgical procedures performed by the residents must be sufficient in number and variety to provide adequate training in the entire scope of the specialty. There must be adequate distribution and sufficient complexity within the principal categories of the specialty.
3. Generally equivalent and adequate distribution of categories and cases among the residents must be demonstrated. Significantly unequal experience in volume and/or complexity of cases managed by the residents will be considered serious noncompliance with these requirements. In some instances, the quality of care may require that case management be conducted with other specialties (eg, hypophysectomy, cerebellopontine tumor).
4. Documentation of operative experience: It is essential that there be documentation of the operative experience of the individual residents and that the cumulative operative experience of each resident be reviewed with regular frequency by the program director as a part of his or her responsibility for evaluation of the balanced progress of individual residents and of the total program. The program director is responsible for compiling accurate information regarding the institutional operative records and those of the individual residents annually at the end of each academic year and for submitting these records for review as requested by the RRC.

#### D. Graded Responsibility

The program must provide the residents with experience in direct and progressively responsible patient management as they advance through training. This training must culminate in sufficiently independent responsibility for clinical decision making such that the program is assured that the graduating resident has achieved the ability to execute sound clinical judgment.

#### E. Outpatient Experience

1. There must be a well-organized and well-supervised outpatient clinic. This clinic must operate in relation to an inpatient service used in the program. Residents must have the opportunity to see patients, establish provisional diagnoses, and initiate preliminary treatment plans prior to the patients' admission to the hospital. An opportunity for follow-up care must be provided so that the results of surgical care may be evaluated by the responsible residents. These activities must be carried out under appropriate faculty supervision. If residents participate in pre- and post-operative care in a private office, the program director must ensure that the resident functions with an appropriate degree of responsibility with adequate supervision. Adequate experience should be provided in office practice procedures and management.
2. Residents must have experience in the emergency care of critically ill and injured patients with otolaryngic-head and neck conditions.

#### F. Conferences

Departmental conferences must be conducted by individuals with specific expertise in the areas under discussion.

##### 1. Basic Science

There must be a structured educational experience in basic science. Ordinarily, this should be provided within the participating institutions of the residency program. Any program that provides the requisite basic science experience outside the approved participating institutions must demonstrate that the educational experience provided meets these designated criteria. It is essential that the faculty participate in the basic science education, that resident attendance be monitored, that the experience be evalu-

ated, and that the content be integrated into the overall educational program. The basic science training should meet the following requirements:

- a. Basic science education should include instruction in anatomy, biochemistry, cell biology, embryology, immunology, molecular genetics, pathology, pharmacology, physiology, and other basic sciences related to the head and neck.
- b. Sufficient resources, including space, equipment, personnel, and funding for instruction and study of the basic sciences, should be available to permit satisfactory correlation between basic science knowledge and clinical application.
- c. Instruction in anatomy should include study and dissection of cadaver anatomical specimens, including the temporal bone, by the resident, with appropriate lectures and other formal sessions.
- d. Instruction in pathology should include formal instruction in correlative pathology in which gross and microscopic pathology relating to the head and neck area are included. The resident should study and discuss with the pathology service tissues removed at operations and autopsy material from patients on the resident's service. It is desirable to have residents assigned for a period of service in the Department of Pathology.

##### 2. Clinical Components

Clinical conferences must be held regularly and should be attended by all residents and faculty. Grand rounds and mortality and morbidity and tumor conferences, as well as conferences on other pertinent topics, must be included in the educational program. Interdisciplinary conferences are encouraged.

#### G. Resident Supervision and Duty Hours

##### 1. Supervision

All cases must be adequately supervised by appropriately qualified faculty. The program director must ensure, direct, and document proper supervision of residents at all times. Residents must be provided with rapid, reliable systems for communicating with supervising residents and attendings. Attending physicians or supervising residents with appropriate experience for the severity and complexity of a patient's condition must be available at all times on site. The responsibility or independence given to residents in patient care should depend on their knowledge, manual skill, and experience and on the complexity of a patient's illness and the risk of the operation(s).

##### 2. Duty Hours

The physician's responsibilities for continuing patient care transcend normal working hours. To fulfill this obligation, provisions for night and weekend call should be established. However, residents should not be required regularly to perform excessively difficult or prolonged duties. The program director must ensure assignment of reasonable in-hospital duty hours. Residents at all levels should have the opportunity to spend, on average, at least 1 full day out of 7 free of hospital duties and should be on call in the hospital no more often than every third night, except in the maintenance of continuity of care. There should be adequate opportunity to rest and to sleep when on duty for 24 hours or more. On-call rooms arranged to permit adequate rest and privacy should be available for each resident on night duty in the hospital. There should be adequate backup support if needed to maintain appropriate patient care.

#### H. Research

Research offers an important opportunity for the application of the basic sciences to clinical problems and is an essential part of the preparation of the resident for a lifetime of self-education after the completion of formal residency training. It is essential that the

training program provide a structured research experience for the residents, sufficient to result in an understanding of the basic principles of study design, performance, analysis, and reporting. The research experience may be clinical or basic in nature and should reflect careful advice by and planning with the faculty. Facilities and protected time for research by the residents should be provided, together with guidance and supervision by qualified faculty.

### I. Scholarly Activity

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the faculty in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

### J. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VI. Evaluation

### A. Resident Evaluation

1. The program should develop mechanisms by which the residents can provide clear demonstration of the acquisition of fundamental knowledge and clinical skills prior to progression to the level of supervised, semi-independent patient management and operative care.
2. Each resident's performance and progress in cognitive, judgmental, and interpersonal and manual skills should be continuously monitored. Residents who fail to demonstrate appropriate industry, competence, responsibility, learning abilities, and ethics should be successively counseled, censured, and after due process, dismissed if remediation has not occurred.
3. It is essential that the residents participate in existing national examinations. The annual otolaryngology examination of the American Academy of Otolaryngology-Head and Neck Surgery is one example of an objective test that can be utilized by the program. An analysis of the results of these testing programs should guide the faculty in assessing the strengths and weaknesses of individual residents and the program. The program director should also monitor the performance of the program's graduates on the examinations of the American Board of Otolaryngology.

4. The program director, with participation of faculty, shall:
  - a. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  - b. Communicate each evaluation to the resident in a timely manner.
  - c. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  - d. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - e. Provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

### B. Faculty Evaluation

Teaching faculty also must be evaluated on a regular basis. Documentation of faculty evaluation should include teaching ability and commitment, clinical knowledge, and scholarly contributions. Residents should participate in this evaluation.

### C. Program Evaluation

1. There should be documented evidence of periodic self-evaluation of the program in relation to the educational goals, the needs of the residents, and the teaching responsibilities of the faculty. This evaluation should include an assessment of the balance between the educational and service components of the residency.
2. One measure of the quality of a residency program is the performance of its graduates on the certifying examinations of the American Board of Otolaryngology. In its evaluation of residency programs the RRC will take into consideration the information provided by the American Board of Otolaryngology regarding resident performance on the certifying examinations over a period of several years.

## VII. Board Certification

Residents who plan to seek certification by the American Board of Otolaryngology should communicate with the executive vice president of the board to ascertain the current requirements for acceptance as a candidate for certification.

*ACGME: February 1990 Effective: July 1995*

# Residency Education in Pathology

Graduate medical education programs in pathology are accredited in the following categories:

APCP-4	Four-year programs in anatomic and clinical pathology
AP-3	Three-year programs in anatomic pathology
CP-3	Three-year programs in clinical pathology
PCP-1	One-year programs in cytopathology
BB-1	One-year programs in blood banking/transfusion medicine
DP-1	One-year programs in dermatopathology
FP-1	One-year programs in forensic pathology
HMP-1	One-year programs in hematology
IMP-1	One-year programs in immunopathology
MM-1	One-year programs in medical microbiology

- NP-2 Two-year programs in neuropathology
- PP-1 One-year programs in pediatric pathology
- PCH-1 One-year programs in chemical pathology
- SP Training in selective pathology

Programs in the SP category are ordinarily approved in highly specialized hospitals of acknowledged excellence that, because of the limitations of their clinical material, cannot provide general training in all aspects of anatomic and/or clinical pathology.

Accredited programs in all categories must meet institutional requirements as well as the applicable program requirements.

## Program Requirements for Residency Education in Pathology—Anatomic and Clinical

### I. Duration and Scope of Training

- A. Graduate medical education programs in anatomic and/or clinical pathology must provide an organized educational experience for qualified physicians seeking to acquire the basic competence of a pathologist.
- B. Programs must offer residents the opportunity to acquire a broad understanding of anatomic and/or clinical pathology, the techniques and methods of those disciplines, and the consultative role of the pathologist in patient-care decision making.
- C. ACP-4 programs are accredited to offer 4 years of education/training in anatomic and clinical pathology, 3 years of training in anatomic pathology (AP-3), and 3 years of training in clinical pathology (CP-3.)
- D. ACP-4 programs must include 18 months of formal education in anatomic pathology and 18 months of formal education in clinical pathology. The remaining 12 months of training may be a continuation of structured anatomic pathology or clinical pathology education or may be devoted to a specialized facet of pathology. AP-3 and CP-3 programs must include 24 months of anatomic pathology or clinical pathology education. The remaining 12 months of training may be a continuation of structured anatomic pathology or clinical pathology education or may be devoted to a specialized facet of pathology. The education must occur in the Department of Pathology under the direction of the program director or designated member of the teaching staff. The program director must clearly define, as part of the program description, the available opportunities whereby residents may accomplish the additional 12 months of pathology education. The program director must approve all such opportunities and monitor their progress.

### II. Institutional Support of Graduate Medical Education

- A. Institutions involved in residency programs must be in compliance with the Institutional Requirements of the Essentials of Accredited Residencies in Graduate Medical Education. Institutional commitment to graduate medical education is a critical influence on a residency and will be carefully evaluated when pathology programs are reviewed.
- B. When the resources of two or more institutions are utilized in a program, valid letters of agreement from the appropriate institutional representatives detailing the educational role of each insti-

tution must be kept on file by the director of the residency program.

- C. As other residency programs facilitate peer interchange and augment the breadth of the educational experience, institutions providing graduate medical education in anatomic and/or clinical pathology should also sponsor at least three additional accredited residency programs. Programs in internal medicine, family practice, obstetrics and gynecology, general surgery, pediatrics, and radiology are considered to be most complementary to pathology education. Requests for exceptions to this requirement will be considered on a case-by-case basis.
- D. Resident assignments away from the primary institution in a program should not prevent regular resident participation in rounds and conferences, either at the parent institution or in equivalent conferences at participating institutions.

### III. Program Goals and Objectives

- A. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- B. All educational components of a residency program should be related to program goals.
  - 1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  - 2. Participation by an institution providing more than 6 months of training in a program must be approved by the RRC.
- C. There must be a program statement, available for review by applicants, residents, and the RRC, describing the program and each rotation, assignment, or other experience.
  - 1. The program statement must include:
    - a. A description of the program's educational goals and philosophy.
    - b. A listing and description of all required rotations, including their duration.
    - c. A listing and description of elective rotations, the year(s) of the program in which they are available, and their duration.
    - d. A description of resident opportunities for teaching and research.
    - e. A description of the manner in which residents and the program are evaluated and how such evaluations are used.
    - f. A description of the manner in which residents are supervised.
  - 2. The description of rotations, assignments, or other experiences must include:
    - a. The goals and objectives of the experience.
    - b. The duration of the experience.
    - c. The duties and responsibilities of residents at each year of training.
    - d. The teaching staff responsible for the supervision and instruction of the residents during the experience.
    - e. The manner in which residents are supervised and evaluated during the experience.

### IV. Curriculum

- A. Education in anatomic pathology must include autopsy and surgical pathology, cytopathology, pediatric pathology, dermatopathology, forensic pathology, immunopathology, histochemistry, neuropathology, ultrastructural pathology, cytogenetics, molecular biology, and other advanced diagnostic techniques as they become available.
- B. Education in clinical pathology must include microbiology (including bacteriology, mycology, parasitology, and virology), immunopathology, blood banking/transfusion medicine, chemical pathology, cytogenetics, hematology, coagulation, toxicology,

medical microscopy (including urinalysis), molecular biologic techniques, and other advanced diagnostic techniques as they become available.

- C. Programs must provide instruction and experience in the major aspects of the administration of a hospital laboratory, including resident participation in interpretation of laboratory data as part of patient-care decision making, conferences, rounds, patient-care consultation, management and direction of the laboratory, quality assurance, data processing, teaching, and scholarly activity.
- D. The educational experiences detailed above may be provided through separate, exclusive rotations, by rotations that combine more than one area, or by other means; but in any case, all rotations and other assignments must conform to the educational goals and objectives of the program.

## V. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

1. The program director is responsible for, and must have the authority to conduct, the entire program and must devote sufficient time to fulfill the responsibilities inherent in meeting the educational goals of the program, including the implementation of sound administrative practices and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.
2. A program involving two or more institutions must have a single director with the responsibility and authority for the supervision and coordination of the portions of the program carried out at each institution.
3. Continuity of leadership over a period of years is important to the stability of a residency program. Frequent changes in the directorship or long periods of temporary leadership are cause for serious concern by the RRC.
4. The program director must demonstrate a continuing involvement in scholarly activity.
5. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology (in anatomic and clinical pathology, anatomic pathology, or clinical pathology) or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
6. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.

- d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
- f. The program director, with participation of members of the teaching staff, shall:
  1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  2. Communicate each evaluation to the resident in a timely manner.
  3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- g. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by a review committee.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of pa-



tients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Number of Residents

1. The number of resident positions requested must not exceed the educational resources available in a program.
2. When reviewing a program for accreditation, the RRC will approve a maximum number of residents to be trained in the program at any one time. Any increase in that number requires prior written approval of the RRC.
3. Programs must maintain a number of residents sufficient to promote an intellectually stimulating educational environment. There should be at least two residents enrolled in each year of a program. A lesser number is cause for concern by the RRC.

### D. Appointment of Fellows

1. The appointment of other individuals for special training or education, such as fellows, must not dilute or detract from the educational opportunities of the regularly appointed residents.
2. The appointment of fellows by a program director requires a clear statement of the areas of training, responsibilities, and duration of the fellowship. This statement must be provided to the RRC at the time the program is reviewed.

### E. Other Personnel

1. The laboratories providing patient-care services must be accredited by the appropriate organizations and must be directed by a qualified physician who is licensed to practice medicine and is a member of the medical staff.
2. The number and qualifications of medical technologists and other support personnel must be adequate for the volume of work in the laboratory and the educational activities of the institution.
3. Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## VI. Program Facilities

- A. Adequate space and equipment must be available for the conduct of the program, including equipment for the performance of all the functions described above, meeting rooms, classrooms, and office and research space for staff.
- B. Office and laboratory space must be provided for the residents for both patient-care work and participation in scholarly activities.
- C. The patient material of the department must be indexed in such a way as to permit appropriate retrieval.
- D. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. The services provided by the library should include the electronic retrieval of information from medical databases.
- E. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.
- F. The audiovisual resources available for educational purposes should be adequate to meet the goals and objectives of the program.

## VII. Educational Program

### A. Resources for Anatomic Pathology

1. The volume and variety of material available in the program for anatomic pathology education must be sufficient to ensure that residents have a broad exposure to both common conditions and

unusual entities, develop proficiency in diagnosis and problem solving, and develop the necessary technical skills to perform the functions of an anatomic pathologist.

2. While the quality of an educational program is not based on volume of teaching material alone, programs should have sufficient volume and variety of material available for educational purposes to ensure the opportunity for:
  - a. The performance of at least 75 autopsies per resident during the program. It is highly desirable that this experience include forensic and stillborn autopsies.
  - b. The examination and signing out of at least 2,000 surgical pathology specimens per resident during the program. This material must be from an adequate mix of cases to ensure exposure to both common and uncommon conditions.
  - c. The examination of at least 1,500 cytologic specimens per resident during the program. This material must include a variety of both exfoliative and aspiration specimens.
  - d. The performance of at least 200 operating room consultations (frozen sections) per resident during the program.

### B. Resources for Clinical Pathology

1. The volume and variety of material available in the program for training in clinical pathology should be sufficient to ensure that residents have a broad exposure to both common conditions and unusual entities, develop proficiency in diagnosis and problem solving, and develop the necessary technical skills to perform the functions of a clinical pathologist.
2. The number and variety of tests performed in the laboratories utilized in the program should be sufficient to give residents experience in the range of tests typically available in a general hospital. Further, resident experience should be augmented through the use of seminar and course materials and laboratory indices of unusual cases.
3. While the quality of an educational program is not based on the volume of teaching material alone, programs should have a laboratory workload of at least 500,000 weighted workload units (according to the standards of the workload recording program of the College of American Pathologists or equivalent) per resident during the program. Further, this material must include an adequate variety of clinical pathology procedures.
4. A sufficient number of supervisory personnel and medical technologists, as well as modern equipment, must be available in each of the laboratories utilized in the program.

### C. Seminars, Conferences, and Rounds

1. There must be regularly scheduled seminars and conferences devoted to the basic and applied medical sciences and clinical correlation conferences.
2. Clinical correlation conferences (eg, a pediatric mortality conference) should be held with clinical services such as internal medicine, surgery, gynecology, radiology, pediatrics, and their subspecialties.
3. There must be departmental conferences for detailed discussion of difficult and unusual cases in which both faculty and residents participate.
4. Residents must participate in the regular, formal clinical, and teaching rounds corresponding to the laboratory services to which they are assigned. For example, infectious disease service rounds should be attended during an assignment in microbiology.

### D. Consultation

1. Both faculty and residents must be regularly involved in consultative activity.
2. Patient-care consultations should be both intra- and interdepartmental.

**E. Teaching**

1. Residents should participate in the education of medical students and other residents.
2. The effectiveness of residents as teachers should be monitored and evaluated by the program director and teaching staff.

**VIII. Evaluation**

- A. There must be regular, formal, written evaluation of residents by the teaching staff. Evaluations should be completed at least once every 6 months and after rotations outside the primary institutions or to specialty experiences. Evaluations should be discussed with the residents by the program director or appropriate designee at least once each year.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. As part of this process, residents should provide periodic written evaluations of the program and teaching staff.

**IX. Research and Scholarly Activity**

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.

**X. Resident Research**

- A. Throughout their time in the program, residents should be exposed to and encouraged to participate in clinical or laboratory research, research seminars, work-in-progress sessions, and organized reviews of intradepartmental research.
- B. Resident involvement in research may be related to methods development, clinical or basic research, or literature surveys, but in all cases the program should provide an environment that promotes research or scholarly activity by residents.

**XI. Resident Responsibility**

- A. Residents must be considered integral members of the staff of the Department of Pathology and must have the opportunity to participate in discussion of matters related to management of the department.

- B. There must be periods of time when decision making in the laboratory is the direct responsibility of residents, under appropriate supervision.
- C. Duty hours and night and weekend call for residents must reflect the fact that responsibilities for continuing patient care are not automatically discharged at any given hour of the day or any particular day of the week. However, the program director must ensure that residents are given reasonable duty and call assignments. All residents should, on the average, have the opportunity to spend at least 1 full day out of 7 free from hospital duties and should be on call no more often than every third night. Backup support should be provided for residents when their patient care responsibilities are especially difficult or prolonged.

**XII. Residency Review Committee**

- A. When a program is scheduled for review by the RRC, the accuracy of the program information forms required by the committee is the responsibility of the program director. Action by the RRC will be deferred or an adverse action considered if the forms are not completed as requested.
- B. The RRC must be provided written notification of major changes in a program, including changes in leadership, within 90 days. Prior approval of the committee is required for the addition or deletion of a major participating institution, a major change in the design of the program, or an increase or decrease in the approved number of residents in the program.

**XIII. Certification and Accreditation**

- A. The RRC for Pathology is responsible for accreditation of graduate medical education programs in pathology. The American Board of Pathology is responsible for certification of individual physicians in pathology.
- B. Questions about accreditation of residency programs should be directed to the executive secretary of the RRC.
- C. Individuals who plan to seek certification by the American Board of Pathology should communicate with the executive vice president of the board to obtain the latest information regarding certification.

*ACGME: June 1989 Effective: July 1995*

**Program Requirements for Residency Education in Blood Banking/Transfusion Medicine**

**I. Definition, Duration, and Scope of Education**

- A. Blood banking/transfusion medicine is the practice of laboratory and clinical medicine concerned with all aspects of blood transfusion, including the scientific basis of transfusion, selection and recruitment of blood donors, utilization and quality control, preparation of blood components, pretransfusion testing, transfusion of blood components, adverse effects of blood transfusion, autoimmunity, transplantation, histocompatibility, therapeutic apheresis and phlebotomy, blood substitutes, medicolegal considerations of transfusion, paternity analysis, management aspects of blood services, and the history of blood transfusion. Blood banking/transfusion medicine requires a strong foundation in clinical pathology as well as clinical medicine.
- B. Graduate medical education programs in blood banking/transfusion medicine must provide an organized educational experience for qualified physicians seeking to acquire additional competence in blood banking/transfusion medicine.

C. Programs will be accredited to offer 1 year of organized education in all aspects of blood banking/transfusion medicine.

## II. Program Goals and Objectives

- A. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- B. All educational components of a residency program should be related to program goals.
  - 1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  - 2. Participation by any institution providing more than 2 months of training must be approved by the RRC.

## III. Educational Program

### A. Curriculum

- 1. The program must be structured to give residents clearly defined graduated responsibilities and delegated authority. Written goals and objectives for the educational program must be clearly defined.
- 2. There must be sufficient opportunity for the resident to develop comprehensive knowledge of the technical aspects of blood banking and immunohematology. There must be an opportunity to acquire knowledge and skills in new technologies as they become available.
- 3. Clinical aspects of transfusion medicine must be emphasized throughout the program. Residents must participate in ongoing clinical consultations regarding all aspects of blood transfusion and have opportunity to develop competence in providing services to patients and other physicians.

### B. Educational Activities

- 1. Lectures, tutorials, seminars, and conferences must be regularly scheduled and held, with active participation of clinical services. The residents must have the opportunity to attend regional or national meetings.
- 2. Instruction should include studies illustrating usual and unusual cases.

## IV. Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

- 1. A program involving two or more institutions must have a single director with authority for the supervision and coordination of the portions of the program carried out at each institution.
- 2. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Blood Banking/Transfusion Medicine or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
- 3. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for

each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.

- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection, supervision, and evaluation of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
  - The program director, with participation of members of the teaching staff, shall:
    - 1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    - 2. Communicate each evaluation to the resident in a timely manner.
    - 3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    - 4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- i. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
- j. The program director must be responsible for and have the authority to conduct the training program effectively. He or she must devote sufficient time to fulfill the responsibilities inherent in meeting the educational goals of the program, including implementation of sound administrative practices and evaluation procedures and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.
- k. The program director must demonstrate a continuing record of scholarly activity.
- l. The program director must ensure that residents are given reasonable duty and call assignments.

**B. Teaching Staff**

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

**C. Residents**

1. The resident should have completed training in anatomic and clinical pathology, or clinical pathology or be certified by a primary medical specialty board of the American Board of Medical Specialties.
2. The number of resident positions requested must be consistent with the educational resources available in the program.
3. Residents must have the opportunity to assume increasing responsibilities as they progress through the program.
4. Residents should have the opportunity to become involved in basic scientific or clinical research and teaching during the program.
5. It is desirable that residents' work schedules be designed so that on the average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of routine responsibilities and be on-call in the hospital no more often than every third night. The ratio of hours worked and on-call time will vary, particularly at the senior levels, and therefore necessitate flexibility.

**D. Other Personnel**

1. The laboratories and clinical services involved in the program must be directed by qualified physicians who are licensed to practice medicine and are members in good standing of the institution's medical staff.
2. Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

**V. Program Research and Scholarly Activity**

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators,

the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

**VI. Library**

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

**VII. Institutional Resources**

- A. The program must have a sufficient number and variety of patients to offer training in the widest range of blood banking/transfusion medicine. There must be a mechanism for the retrieval and review of cases. There must be effective mechanisms to facilitate clinical correlation with laboratory findings.
- B. There must be adequate equipment, laboratory facilities, offices, meeting rooms, classrooms, and space to support service, teaching, educational, and research activities.
- C. The institutions, laboratories, and clinical services participating in the program must be appropriately accredited and/or licensed.

**VIII. Evaluation**

- A. There must be regular, formal, and written evaluations of the residents by the teaching staff. Evaluations should be completed and discussed with the residents at least once every 6 months.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Residents should submit formal, written evaluations of the program and faculty at least once each year for review by the director and the teaching staff.

**IX. Administrative Structure**

Each blood banking/transfusion medicine program should be administratively attached to an Accreditation Council for Graduate Medical Education-accredited residency in anatomic and/or clinical pathology when feasible.

**X. Certification and Accreditation**

- A. The RRC for Pathology is responsible for accreditation of graduate medical education programs in blood banking/transfusion medicine. The American Board of Pathology is responsible for

certification of individual physicians in pathology and blood banking/transfusion medicine.

- B. Questions about accreditation of residency programs should be directed to the executive secretary of the RRC.
- C. Individuals who plan to seek certification from the American Board of Pathology in blood banking/transfusion medicine should communicate with the executive vice president of the board to obtain current information regarding certification.

ACGME: February 1993 Effective: July 1995

## Program Requirements for Residency Education in Chemical Pathology

### I. Introduction

- A. The minimum training program in chemical pathology shall be 1 year in addition to the completion of acceptable residency training in an Accreditation Council for Graduate Medical Education (ACGME)-accredited program of anatomic and/or clinical pathology, as outlined in the *Graduate Medical Education Directory*, or equivalent postgraduate training and experience.
- B. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- C. All educational components of a residency program should be related to program goals.
  - 1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  - 2. Participation by any institution providing more than 2 months of training in a program must be approved by the RRC.
- D. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

- 1. There must be a single program director responsible for the program.
- 2. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Chemical Pathology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
- 3. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.

- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

- 1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
- 2. Communicate each evaluation to the resident in a timely manner.
- 3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
- 4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- 5. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- f. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- g. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- h. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Teaching Staff

- 1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
- 2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
- 3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### III. Educational Program

- A. The program must provide opportunities for residents to become expert in the development, operation, and quality control of a chemical pathology laboratory; expert in the clinical interpretation of laboratory results; and to become a consultant in these areas to physicians and patients.
- B. The analytical repertoire of the laboratory must be distributed satisfactorily within the various categories and subdivisions of chemical pathology to provide experience at a sufficient level for the resident to acquire the competency of a specialist in chemical pathology.
- C. Clinical training in relation to chemical pathology, including the use and interpretation of chemical analyses in clinical diagnosis and management, must be an integral part of the training program.
- D. The training program must provide opportunities for residents to develop knowledge and skills relating to (1) analytical chemical pathology, both basic and applied; (2) instrumentation; (3) administration and management of a chemical pathology laboratory; and (4) data processing. It is further expected that the resident will engage in research activities during the period of training.

### IV. Institutional Organization and Resources

- A. The training institution should be of sufficient size to provide the program with the necessary volume and variety of clinical material in chemical pathology.
- B. The laboratory must have office and bench space sufficient to provide for both laboratory personnel and residents. The facilities should be well equipped with modern instrumentation in all major areas of analytical work.
- C. The training program should be administratively attached to an ACGME-accredited program whenever feasible.

### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth un-

- derstanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

1. Library services should include the electronic retrieval of information from medical databases.
2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

ACGME: November 1983 Effective: July 1995

## Program Requirements for Residency Education in Cytopathology

### I. Definition, Duration, and Scope of Education

- A. Cytopathology is the practice of pathology concerned with the study and diagnosis of human disease manifested in cells. Cytology requires a strong foundation in anatomic pathology.
- B. Graduate medical education programs in cytopathology must provide an organized educational experience for qualified physicians seeking to acquire the competence of a cytopathologist.
- C. Programs will be accredited to offer 1 year of organized education in all current aspects of cytopathology, including laboratory procedures, laboratory management, quality assurance, self-assessment, diagnostic and patient care decision making, and the scientific basis of cytopathology.

### II. Program Goals and Objectives

- A. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- B. All educational components of a residency program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training in a program must be approved by the RRC.

### III. Educational Program

#### A. Curriculum

1. The program must be structured to give residents clearly defined graduated responsibilities and delegated authority. Written goals and objectives for the educational program must be clearly defined.
2. There must be ample opportunity for residents to develop knowledge and skills in the techniques of screening, specimen collection, cytopreparation, fine needle aspiration, flow cytometric and

image analysis, in situ hybridization, hormone receptor assessment, and other new immunological and molecular techniques as they become applicable to the study of cells.

3. Diagnosis, pathogenesis, clinical correlation, consultative skills, and prognostic significance must be emphasized throughout the program.
4. Residents must be instructed and involved in correlating cytologic and histopathologic specimens.

#### B. Educational Activities

1. Lectures, tutorials, seminars, and conferences with clinical services must be regularly scheduled and held.
2. Instruction should include the use of study sets of usual and unusual cases and other educational materials.

### IV. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

A program involving two or more institutions must have a single director with authority for the supervision and coordination of the portions of the program carried out at each institution.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Cytopathology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Conducting the training program effectively. He or she must devote sufficient time to fulfill the responsibilities inherent in meeting the educational goals of the program, including the implementation of sound administrative practices and evaluation procedures and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.
  - b. Ensuring that residents are given reasonable duty and call assignments.
  - c. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - d. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - e. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - f. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.

g. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  2. Communicate each evaluation to the resident in a timely manner.
  3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  5. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- i. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - j. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - k. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

**C. Residents**

1. Prior to enrollment in a cytopathology program, residents should have completed training in:
  - a. Anatomic and clinical pathology or
  - b. Anatomic pathology.
2. The number of resident positions requested must be consistent with the educational resources available in the program.
3. Residents must have the opportunity to assume increasing responsibility as they progress through the program.
4. Residents should have the opportunity to become involved in cytopathologic research and teaching during the program.
5. Residents performance must not be impaired by fatigue, whether caused by program duties or other activities. On average, residents should have the opportunity to spend at least 1 full day out of 7 free from hospital duties and should be on call no more often than every third night.

**D. Other Personnel**

1. The laboratories involved in the program must be directed by qualified physicians who are licensed to practice medicine and are members in good standing of the institution's medical staff.
2. Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

**V. Institutional Resources and Organization**

- A. The program must have access to a large volume and variety of cytopathology material. The material and files must be indexed to permit appropriate retrieval. There must be mechanisms to facilitate correlation with anatomic material.
- B. There must be adequate equipment, laboratory facilities, office, meeting rooms, classrooms, and space to support service, teaching, educational, and research activities.
- C. The institutions and laboratories participating in the program must be appropriately accredited and/or licensed.
- D. A cytopathology program should be administratively attached to an Accreditation Council for Graduate Medical Education (ACGME)-accredited residency in anatomic and clinical pathology or anatomic pathology when feasible.

**VI. Program Research and Scholarly Activity**

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (e.g., research design, statistical analysis) for residents involved in research.

6. Provision of support for resident participation in scholarly activities.

- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

1. Library services should include the electronic retrieval of information from medical databases.
2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

**VII. Evaluation**

- A. There must be regular, formal, written evaluation of residents by teaching staff. Evaluations should be completed and discussed with the residents at least once every 6 months.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Residents should submit formal, written evaluations of the program at least once each year for review by the director and the teaching staff.

**VIII. Certification and Accreditation**

- A. The RRC for Pathology is responsible for accreditation of graduate medical education programs in pathology. The American Board of Pathology is responsible for certification of individual physicians in pathology.
- B. Questions about accreditation of residency programs should be directed to the Executive Secretary of the RRC.
- C. Individuals who plan to seek certification by the American Board of Pathology should communicate with the executive vice president of the board.

*ACGME: June 1991 Effective: July 1995*

**Program Requirements for Residency Education in Dermatopathology****I. Duration and Scope of Education**

- A. Dermatopathology is the subspecialty of dermatology and pathology that is concerned with the study and diagnosis of diseases of the skin and adjacent mucous membranes, cutaneous appendages, hair, nails, and subcutaneous tissues by histological, histochemical, immunological, ultrastructural, molecular, microbiological, and other related techniques.
- B. Graduate medical education programs in dermatopathology must provide an organized educational experience for qualified physicians seeking to acquire the additional competence of a dermatopathologist.
- C. Programs must provide organized education in all current aspects of dermatopathology, including basic science, laboratory procedures, laboratory management, quality assurance, and self-assessment.
- D. The dermatopathology program must be an equal and joint function of the Department of Dermatology and of the Department of Pathology in a sponsoring institution that has an Accreditation Council for Graduate Medical Education (ACGME)-accredited residency in Dermatology and an ACGME-accredited residency in Anatomic Pathology (AP-3) or Anatomic and Clinical Pathology (APCP-4).



- E. Dermatopathology programs must offer 12 months of education subsequent to the satisfactory completion of an ACGME-accredited residency in either dermatology or pathology.
- F. For all dermatopathology residents, 50% of their education should be devoted to the study of dermatopathology, as outlined in II.A.1. For those who have completed a pathology residency, 50% of the 1-year program should be education in clinical dermatology provided by the dermatology teaching staff. For those who have completed a dermatology residency, 50% of the program should be education in anatomic pathology provided by the pathology teaching staff.
- G. The director and teaching staff of the program must prepare and comply with written educational goals for the program and distribute them to applicants, residents, and members of the teaching staff. All educational components of the program should be related to these goals.
- H. The program design and/or structure must be approved by the dermatopathology review committee as part of the regular review process.
- I. Participation by any institution providing more than 2 months of training in the program must be approved by the subcommittee for dermatopathology.
- J. The educational effectiveness of the program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## II. Educational Program

### A. Curriculum

1. Programs should be structured so that residents are involved in dermatopathology throughout the year. The program must include didactic instruction and practical experience in the diagnosis of skin disorders by direct inspection and by histological, histochemical, immunological, ultrastructural, molecular, microbiological, and other related techniques. Relevant aspects of mycology, bacteriology, and entomology should be included.
2. Dermatopathology residents must be given clearly defined assignments and increasing responsibility as they progress through the program.
3. The program must provide a sufficient volume and variety of dermatopathology specimens (at least 5,000 new accessions per resident per year) and other educational material for the resident to acquire the qualifications of a consultant in dermatopathology.
4. The program must provide the resident with the experience required to set up and to operate a dermatopathology laboratory and to supervise and train laboratory personnel.
5. All dermatopathology residents should participate in patient examination and autopsies appropriate to dermatopathology. Residents who are pathologists must participate in the examination of at least 1,000 dermatopathology patients.
6. Dermatopathology residents who are dermatologists must have exposure to autopsy and surgical pathology. This experience should emphasize contemporary diagnostic techniques (including the use of a wide variety of monoclonal antibodies) and require attendance at autopsy and surgical pathology conferences, the review of slide sets of diseases relevant to dermatopathology, and participation in autopsies.

### B. Educational Activities

1. Lectures, tutorials, seminars, and conferences with clinical services must be regularly scheduled and held.
2. Instruction should include the use of study sets and files of usual and unusual cases and other educational materials.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

1. The program director must be responsible for and have the authority to conduct the training program effectively. He or she must devote sufficient time to the program to ensure the implementation of sound administrative practices and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.
2. A program involving two or more participating institutions must have a single director with authority for the supervision and coordination of the portions of the program carried out at each institution.
3. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification in dermatopathology by the American Board of Dermatology or American Board of Pathology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
4. The program director must demonstrate continuing scholarly activity.
5. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection, supervision, and evaluation of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents in accordance with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.

- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- i. Preparation of an accurate statistical and narrative description of the program as requested by the dermatopathology review committee.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications in dermatopathology to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Dermatopathology Residents

1. The number of positions requested must not exceed the educational resources available in a program.
2. Residents must have the opportunity to assume increasing responsibility under supervision appropriate to their experience as they progress through the program.
3. Residents should have the opportunity to become involved in dermatopathologic research and teaching during the program.
4. The program director must ensure that residents are adequately supervised by faculty at all times. Further, resident duty and on-call assignments must be made in a manner that ensures that neither education nor quality of patient care is jeopardized by resident stress or fatigue. Physicians must have a keen sense of personal responsibility for continuing patient care, and must recognize that their obligation to patients is not automatically discharged at any given hour of the day. In no case should a trainee go off duty until the proper care and welfare of the patients have

been ensured. Resident duty hours and night and weekend call must reflect the concept of responsibility for patients and the provision of adequate patient care. Residents must not be required regularly to perform excessive, prolonged duties. When averaged over 4 weeks, residents should spend no more than 80 hours per week in hospital duties. Residents should, on average, have the opportunity to spend at least 1 day out of 7 free of program duties and should be on call no more often than every third night. When on call for 24 hours or more, there should be opportunity to rest and sleep.

### D. Other Personnel

1. The laboratories involved in the program must be directed by qualified physicians who are licensed to practice medicine and are members in good standing of the institution's medical staff.
2. There must be a sufficient number of qualified professional, technical, and clerical personnel to support laboratory work and the educational program.

### IV. Institutional Resources

- A. There must be ample case material and supporting facilities to meet the training requirements in dermatopathology, dermatology, and pathology. Each dermatopathology resident should examine at least 5,000 dermatopathology specimens (ie, in-house or referred specimens in the institution's accessions file for which reports are generated).
- B. There must be adequate equipment, laboratory space, office facilities, meeting rooms, classrooms, and research space to support service, teaching, and educational responsibilities.
- C. The institutions and laboratories participating in the program must be appropriately accredited and/or licensed.
- D. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Library services should include the electronic retrieval of information from medical databases. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### V. Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.

5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

## VI. Evaluation

- A. There must be regular, written evaluation of residents by teaching staff. Evaluations should be completed and discussed with the residents at least once every 6 months.
- B. Residents should submit written evaluations of the program at least once each year for review by the director and teaching staff.

## VII. Certification and Accreditation

- A. The Residency Review Committees for Dermatology and Pathology are responsible for accreditation of graduate medical education programs in dermatopathology.
- B. The American Board of Dermatology and American Board of Pathology are responsible for certification of individual physicians in dermatopathology. Individuals who plan to seek certification should communicate with their respective boards to obtain the latest information regarding certification.

ACGME: February 1993 Effective: July 1995

# Program Requirements for Residency Education in Forensic Pathology

## I. Introduction

- A. The program shall be for a period of 1 year and must be directed by a pathologist who is certified by the American Board of Pathology in Forensic Pathology or has equivalent qualifications.
- B. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- C. All educational components of a residency program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training in a program must be approved by the RRC.
- D. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

1. There must be a single program director responsible for the program.
2. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)

- c. Certification by the American Board of Pathology in Forensic Pathology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
3. Responsibilities of the program director include:
- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- i. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.

- a. The teaching staff must include at least two forensic pathologists (including the program director).
  - b. Programs that offer training for two or more residents must have a senior staff of qualified forensic pathologists that numbers at least one more than the number of residency positions.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
  3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
  4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
  5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### III. Educational Program

- A. A resident should perform 250 to 350 autopsies in a year of approved training and should have experience in scene investigations, including examination of the body before it has been disturbed.
- B. The resident should have responsibility for the performance of autopsies in cases that are likely to result in criminal prosecution or civil litigation, and it is highly desirable for residents to have opportunities to participate in the legal follow-up of cases if such occurs during the course of their year of training.
- C. It is highly desirable for residents to accompany staff pathologists when they testify in court and give depositions.
- D. During the year of approved training, the resident must have a period of approximately 4 to 8 weeks devoted exclusively to laboratory experience in toxicology, physical anthropology, and components of the crime laboratory such as firearms, serology, and trace evidence.

### IV. Institutional Resources

- A. Approximately 500 medicolegal autopsies should be conducted in an approved program each year. Of these, 100 or more should be in cases in which death is due to the immediate (within 24 hours) and direct effects of physical or chemical injury.
- B. The institution or office should conduct approximately 300 additional autopsies for each additional residency position requested.
- C. Adequate facilities and competent personnel shall be available and properly utilized for the conduct of all bacteriologic, biochemical, toxicology, firearms, trace evidence, physical anthropology, odontology, and other scientific studies as may be needed to ensure complete postmortem investigation. When such support services are not housed at the medicolegal facility, they should be available and accessible to the resident at suitable laboratories.

- D. If the resident is to spend parts of the training program at other laboratories or institutions, such training must be adequately supervised by qualified personnel.

### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
  1. Library services should include the electronic retrieval of information from medical databases.
  2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

ACGME: February 1986 Effective: July 1995

## Program Requirements for Residency Education in Hematology

### I. Definition, Duration, and Scope of Education

- A. Hematology is the practice of pathology concerned with the study and diagnosis of human diseases involving the hematopoietic tissues and cells. Hematology requires a strong foundation in pathology.
- B. Graduate medical education programs in hematology must provide an organized educational program for qualified physicians seeking to acquire additional competence in hematology and should be associated with an active program in clinical hematology of both adults and children.
- C. Programs will be accredited to offer 1 year of organized training in all current aspects of hematology, including clinical laboratory procedures, laboratory management, database management, quality assurance, self-assessment, clinical consultation, and the scientific basis of hematology.

## II. Program Goals and Objectives

- A. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- B. All educational components of a residency program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training in a program must be approved by the RRC.

## III. Educational Program

### A. Curriculum

1. The program must be structured to give hematology residents clearly defined graduated responsibilities and delegated authority. Written goals and objectives for the educational program must be clearly defined.
2. There must be ample opportunity for the residents to develop knowledge and skills in the techniques of specimen collection and preparation for routine hematologic testing, bone marrow aspiration, biopsy and interpretation, lymph node interpretation, coagulation testing, cell analysis systems, and the applications of advanced technology, including in situ hybridization, image analysis, immunocytochemistry, cytogenetics, and molecular probe diagnosis, to hematologic problems. Adult and pediatric diagnostic material must be available.
3. Diagnosis, pathogenesis, clinical correlation, and prognostic significance of hematologic disease must be emphasized throughout the program.
4. Residents must be given increasing responsibilities for services to patients and other physicians as they progress through the program.
5. Residents must be instructed in methods of correlating data from cytological, histopathological, and clinical pathology assessments of hematologic disease.

### B. Educational Activities

1. Lectures, tutorials, seminars, rounds, and conferences with clinical services must be regularly scheduled and held.
2. Instruction should include the use of study sets of usual and unusual cases, performance of tests under supervision, and interpretation of results with generation of narrative reports.

## IV. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

A program involving two or more institutions must have a single director with authority for the supervision and coordination of the portions of the program carried out at each institution.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Hematology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.

2. Responsibilities of the program director include:
  - a. Conducting the training program effectively. He or she must devote sufficient time to fulfill the responsibilities inherent in meeting the educational goals of the program, including the implementation of sound administrative practices, evaluation procedures, and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.
  - b. Ensuring that residents are given reasonable duty and call assignments.
  - c. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - d. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - e. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - f. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - g. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - h. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - i. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - j. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - k. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all

the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.

2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Residents

1. The resident should have completed training in anatomic and clinical pathology, anatomic pathology or clinical pathology, or primary certification in another primary medical specialty board of the American Board of Medical Specialties.
2. The number of resident positions requested must be consistent with the educational resources available in a program.
3. Residents must have the opportunity to assume increasing responsibility as they progress through the program.
4. Residents should have the opportunity to become involved in hematology research and teaching during the program.
5. It is desirable that residents' work schedules be designed so that on the average, excluding exceptional patient care needs, residents have 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. The ratio of hours worked and on-call time will vary, particularly at the senior levels, and therefore necessitate flexibility.

#### D. Other Personnel

1. The laboratories involved in the program must be directed by qualified physicians who are licensed to practice medicine and are members in good standing of the institution's medical staff.
2. Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program. There must be a sufficient number of qualified and credentialed technical, clerical, and other personnel to support laboratory work and the educational program.

#### V. Institutional Resources

- A. The program must have access to the number and variety of patients needed to provide education in hematology. The material and files must be indexed to permit appropriate retrieval. There must be mechanisms to facilitate correlation with anatomical material.
- B. There must be adequate equipment, laboratory facilities, offices, meeting rooms, classrooms, and space to support service, teaching, educational, and research activities.
- C. The institutions and laboratories participating in the program must be appropriately accredited and/or licensed.

#### VI. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
  1. Library services should include the electronic retrieval of information from medical databases.
  2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### VII. Evaluation

- A. There must be regular, formal, written evaluations of residents by teaching staff. Evaluations should be completed and discussed with the residents at least once every 6 months.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Residents should submit formal, written evaluations of the program and faculty at least once each year for review by the director and the teaching staff.

#### VIII. Administrative Structure

A hematology program should be administratively attached to an Accreditation Council for Graduate Medical Education-accredited residency in anatomic and/or clinical pathology.

#### IX. Certification and Accreditation

- A. The RRC for Pathology is responsible for accreditation of graduate medical education programs in hematology. The American Board of Pathology is responsible for certification of individual physicians in hematology.
- B. Questions about accreditation of residency programs should be directed to the executive secretary of the RRC.
- C. Individuals who plan to seek certification from the American Board of Pathology should communicate with the executive vice

president of the board to obtain the latest information regarding certification.

ACGME: February 1993 Effective: July 1995

## Program Requirements for Residency Education in Immunopathology

### I. Introduction

- A. Educational programs in immunopathology must be 1 year in length and must provide a structured educational experience in all current aspects of the discipline, including basic science, diagnostic laboratory procedures, laboratory management, and patient care consultation. Programs must be designed to teach residents to integrate immunopathologic data into medical consultations with clinicians in the diagnosis and management of patients with immunologic disease.
- B. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- C. All educational components of a residency program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training during the program must be approved by the RRC.

### II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

A program involving two or more institutions must have a single director, whose primary professional activity must be in immunopathology, with authority for the supervision and coordination of the portions of the program carried out at each institution.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Immunopathology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Conducting the training program effectively. He or she must devote sufficient time to fulfill the responsibilities inherent in meeting the educational goals of the program, including the implementation of sound administrative practices, evaluation procedures and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.
  - b. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.

- c. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- d. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- e. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- f. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
  1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  2. Communicate each evaluation to the resident in a timely manner.
  3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- g. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well

as program effectiveness in achieving them. At least one resident representative should participate in these reviews.

- The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Residents

- The number of residents in a program must conform to the resources available for educational purposes, and all programs should have at least two residents.
- Programs that fail to recruit new residents for 2 consecutive years will be subject to review and possible adverse accreditation action.

#### D. Other Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### III. Institutional Resources

#### A. Space, Equipment, Support Services

Administrative, financial, and library services, as well as technical personnel, laboratory space and equipment, and resident office space must be available to adequately support training in immunopathologic methods.

#### B. Patient Population

A sufficient volume and variety of adult and pediatric patients must be available for educational purposes to provide residents a broad exposure to consultations regarding congenital and acquired immunologic disease.

### IV. Educational Program

#### A. Curriculum

- Educational goals and objectives must be clearly defined for the program and must be evident in the curriculum.
- All rotations, including external rotations, and other major educational activities must explicitly contribute to the objectives of the program and effectively address graded responsibility, resident evaluation and counseling and the roles of the faculty and the resident.
- Residents must be given a systematic introduction to modern and traditional immunopathologic methods, including but not limited to immunohistochemistry of neoplasia and infection; diagnostic surgical pathology of immunologically related diseases in the endocrine, cutaneous, urinary, intestinal, respiratory, renal, skeletal, lymphoid, and nervous systems; immunopathologic techniques in the management of organ transplantation; serum autoantibody and leukocyte marker techniques; normal and abnormal serum proteins; histocompatibility-locus antigens; leukocyte function; leukocyte identification; tumor antigens; relevant molecular and genetic techniques; and immunotherapy.
- Residents must gain experience as consultants in clinical decision making in conjunction with professionals from related disciplines and in the cost-effective use of immunopathologic techniques.
- Indexes of classic and unusual cases as well as materials from local and national courses and seminars that augment knowledge of diseases not frequently encountered must be available to the program for educational purposes.

#### B. Teaching Conferences

There must be regularly scheduled inter- and intradepartmental conferences and educational meetings that provide for progressive resident participation. Both staff and residents must attend and participate on a regular basis. The schedule must be comprehensive in scope and must treat both clinical and research subjects.

### VI. Program Research and Scholarly Activity

- Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  - Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - Participation in journal clubs and research conferences.
  - Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - Provision of support for resident participation in scholarly activities.
- Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
  - Library services should include the electronic retrieval of information from medical databases.
  - There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### VI. Administrative Structure

Immunopathology programs should be administratively attached to an Accreditation Council for Graduate Medical Education-accredited anatomic and clinical pathology program wherever possible.

### VII. Evaluation

- Residents should be provided with a summary of the assessment of their performance and professional growth on completion of each rotation or other major educational assignment.
- The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.



## VIII. Certification

Residents who plan to seek certification by the American Board of Pathology should communicate with the executive vice president of the board regarding certification matters.

ACGME: February 1988 Effective: July 1995

## Program Requirements for Residency Education in Medical Microbiology

### I. Introduction

- A. The minimum training period in medical microbiology shall be 1 year in addition to the completion of acceptable residency training in an Accreditation Council for Graduate Medical Education (ACGME)-accredited program of anatomic and/or clinical pathology, as outlined in the *Graduate Medical Education Directory*, or equivalent postgraduate training and experience.
- B. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- C. All educational components of a residency program should be related to program goals.
  1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training in a program must be approved by the RRC.
- D. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

1. There must be a single program director responsible for the program.
2. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Medical Microbiology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
3. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.

- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- i. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.

5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### III. Educational Program

- A. The training program in medical microbiology must be designed to provide a broad knowledge in the discipline through didactic instruction and a personal participation in microbiologic techniques and methodology, as well as in the reporting and interpretation of laboratory results, principles of laboratory management, teaching, and investigation.
- B. The training program must provide opportunities for residents to develop knowledge and skills relating to preparation and examination of cultures, identification of microorganisms, and performance of diagnostic immunologic procedures, supplemented with stock cultures of infrequently encountered and medically important microorganism microscope slides, photographs, and seminar material.
- C. Knowledge of specimen collection, transport, and processing; microscopic examination of specimens; histopathologic and clinical correlation of microbiologic data; activity and pharmacokinetics of antimicrobial agents; antibiotic assay; antimicrobial susceptibility testing; and interpretation of findings are important educational objectives.
- D. Residents must develop knowledge and skills related to principles of disinfection and sterilization, hospital infection control, infection control committee functions and responsibilities, microbiologic safety, quality control, workload accounting, budgeting, personnel supervision, and hospital and public health epidemiology.
- E. Educational experiences should include opportunities to observe patients, both adults and children, with a wide variety of infectious diseases through interaction with physicians from other clinical services.
- F. The program should provide regular administrative meetings, seminars, and conferences in medical microbiology, pathology, and the clinical and epidemiologic aspects of infectious diseases.
- G. Instruction should include but not be limited to training in medical bacteriology, mycobacteriology, mycology, virology, parasitology, and immunology.

### IV. Institutional Organization and Resources

- A. The training program should provide the necessary clinical material and analytical capability in medical microbiology to provide experience at a sufficient level for the resident to acquire the competency of a specialist in medical microbiology.
- B. Access to reference laboratories should be available for training in specialized procedures not available in the laboratory.
- C. The laboratory should have adequate modern facilities, policies and procedures, equipment, and personnel for the performance of all laboratory aspects of medical microbiology, epidemiology, and infectious diseases.
- D. The training program should be administratively attached to an ACGME-accredited program whenever feasible.

### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
1. Library services should include the electronic retrieval of information from medical databases.
  2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

ACGME: November 1983 Effective: July 1995

## Program Requirements for Residency Education in Neuropathology

### I. Introduction

- A. The educational program must be 2 years in length and provide a structured educational experience in all current aspects of the discipline, including basic science, laboratory management, and patient care consultation.
- B. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- C. All educational components of a residency program should be related to program goals.
1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training in a program must be approved by the RRC.

### II. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, coun-

seling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director, whose primary professional responsibility must be neuropathology.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Neuropathology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

    1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
    2. Communicate each evaluation to the resident in a timely manner.
    3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
    4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
  - f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
  - g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confiden-

tial counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- i. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
3. The program director must have the authority to organize and oversee the program and ensure that an appropriate educational environment is maintained.

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities. The program teaching staff must include at least two neuropathologists.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Number of Residents

The number of residents must conform to the neuropathologic resources available for educational purposes. Programs that fail to recruit new residents in 2 consecutive years will be subject to review and possible adverse accreditation action.

#### D. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program

### III. Educational Program

- A. Residents must examine at least 50 neuromuscular biopsy specimens and study neoplasms and related lesions of peripheral nerves and the sympathetic and parasympathetic nervous systems.
- B. Residents should regularly participate in basic neuroscience activities, teaching conferences in neuropathology, and joint conferences with the pathology department and clinical services involved in the diagnosis and management of neurological disorders.
- C. Programs must be designed to teach residents to integrate neuropathologic information into medical consultations with clinicians in the diagnosis and management of patients.

### IV. Institutional Resources and Organization

- A. The neuropathology program should be associated with a pathology program where each year:

1. At least 200 necropsies that include examination of the nervous system are performed.
  2. There are at least 100 neurosurgical specimens from the brain, spinal cord, pituitary gland, and eyes (including neoplastic, degenerative, infectious, and immune disorders) of significance in the treatment and management of pediatric and adult patients.
- B. Appropriate laboratory space, facilities, and personnel should be available for the conduct of special neuropathologic procedures, including but not limited to ultrastructural, histochemical, immunopathologic, and molecular-biologic techniques.
- C. Indexes of usual and unusual cases, course and seminar materials, microscopic slide collections augmented by photographs, and museum specimens sufficient for the study of conditions and diseases not frequently encountered in routine necropsy and surgical specimens should be readily available to the program for educational purposes.
- D. Neuropathology programs should be administratively attached to an Accreditation Council for Graduate Medical Education-accredited anatomic and clinical pathology (ACCP) program wherever possible.

### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
1. Library services should include the electronic retrieval of information from medical databases.
  2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### VI. Evaluation

- A. Residents should be provided with a summary of the assessment of their performance and professional growth following each rotation or other major educational assignment.

- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Residents should evaluate the program, the faculty, and facilities in writing at least once each academic year.

### VII. Certification

Residents who plan to seek certification by the American Board of Pathology should communicate with the executive vice president of the board regarding certification matters.

*ACGME: February 1989 Effective: July 1995*

## Program Requirements for Residency Education in Pediatric Pathology

### I. Definition, Duration, and Scope of Education

- A. Pediatric pathology is that practice of pathology concerned with the study and diagnosis of human disease manifested in the embryo, fetus, infant, child, and adolescent. Pediatric pathology requires a strong foundation in pathology and its clinical interpretation.
- B. Graduate medical education programs in pediatric pathology must provide an organized educational experience for qualified physicians seeking to acquire advanced competence in the diagnosis of childhood diseases.
- C. Programs will be accredited to offer 1 year of organized education in pediatric pathology, which must include formal education in diagnostic pediatric pathology and management and quality assessment issues germane to the pediatric laboratory environment.
- D. The director and teaching staff of a program must prepare and comply with written educational goals for the program.
- E. All educational components of a residency program should be related to program goals.
1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
  2. Participation by any institution providing more than 2 months of training during the program must be approved by the RRC.

### II. Educational Program

#### A. Curriculum

1. The program must be structured to give residents clearly defined graduated responsibilities and delegated authority. The descriptions of rotations, assignments, or other experiences must include:
  - a. The goals and objectives of the experience.
  - b. The duration of the experience.
  - c. The duties and responsibilities of residents at each year of training.
  - d. The teaching staff responsible for the supervision and instruction of the residents during the experience.
  - e. The manner in which residents are supervised during the experience.
2. There must be a program statement available for review by applicants, residents, and staff. The program statement must include:
  - a. A description of the program's educational goals and philosophy.
  - b. A listing and description of all required rotations, including their duration.

- c. A listing and description of elective rotations and their duration.
  - d. A description of resident opportunities for teaching and research, including the manner in which such research is funded.
  - e. A description of the manner in which residents and the program are evaluated and how such evaluations are used.
3. The education in pediatric pathology must include general and systemic aspects of autopsy and surgical pathology (including embryo-fetal, perinatal, and placental pathology as well as pediatric aspects of dermatopathology, gynecological and obstetrical pathology, forensic pathology, and neuropathology), immunopathologic and histochemical techniques, cytopathology, ultrastructural pathology, cytogenetics, molecular biologic techniques including diagnostic techniques for metabolic diseases; and other advanced diagnostic techniques as they relate to pediatric pathology.
4. Programs must provide instruction and experience in the major aspects of a hospital laboratory as it relates to diagnosis in pediatric pathology, including resident participation in interpretation of laboratory data as part of pediatric patient-care consultation, conferences, rounds, laboratory management, quality assurance, data processing, teaching, and scholarly activity.

#### B. Educational Activities

1. The educational experiences detailed above may be provided through separate, exclusive rotations or by rotations that combine more than one area or by other means.
2. Lectures, tutorials, seminars, and conferences with clinical services including pediatric surgery, pediatric hematology, pediatric oncology, medical microbiology, medical genetics, pediatric radiology, obstetrics, and pediatrics must be regularly scheduled and held.
3. Instruction should include the use of study sets of usual and unusual cases and other educational materials.

### III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

A program involving two or more institutions must have a single director who has the authority for the supervision and coordination of the portions of the program carried out at each institution.

1. Qualifications of the program director include:
  - a. Requisite and documented clinical, educational, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Pathology in Pediatric Pathology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the program director include:
  - a. Conducting the training program effectively. He or she must devote sufficient time to fulfilling the responsibilities inherent in meeting the educational goals of the program, including the implementation of sound administrative practices, evaluation procedures and the provision of adequate facilities, teaching staff, resident staff, and educational resource materials.

- b. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- c. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- d. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- e. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physician.
- f. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. The program director, with participation of members of the teaching staff, shall:
  1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  2. Communicate each evaluation to the resident in a timely manner.
  3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- g. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
- k. Ensuring that residents are given reasonable duty and call assignments.

#### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a

commitment to their own continuing medical education, and participation in scholarly activities.

3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Residents

1. Residents should have completed at least 2 years of training in residencies in anatomic and clinical pathology prior to appointment to a pediatric pathology program.
2. The number of resident positions requested must be consistent with the educational resources available in a program.
3. Residents must have the opportunity to assume increasing responsibility as they progress through the program.
4. The number of residents should be sufficient to promote an intellectually stimulating educational environment. Typically, there should be at least one resident enrolled in each year of a program.
5. Resident performance must not be impaired by fatigue, whether caused by program duties or other activities. On average, residents should have the opportunity to spend at least 1 full day out of 7 free from hospital duties and should be on call no more often than every third night.
6. The appointment of other individuals for special training or education must not dilute or detract from the educational opportunities of the regularly appointed residents in pediatric pathology.

#### D. Other Personnel

1. The laboratories involved in the program must be directed by qualified physicians who are licensed to practice medicine and are members in good standing of the institution's medical staff.
2. Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### IV. Institutional Resources

- A. The program must have access to an adequate volume and variety of pediatric pathology material. The material and files must be indexed to permit appropriate retrieval. There must be mechanisms to facilitate correlation with anatomical material.
- B. There must be adequate equipment, laboratory facilities, offices, meeting rooms, classrooms, and space to support service, teaching, educational, and research activities.
- C. The institutions and laboratories participating in the program must be appropriately accredited and/or licensed.
- D. Each pediatric pathology program should be administratively attached to an Accreditation Council for Graduate Medical Education-accredited residency in anatomic and clinical pathology or anatomic pathology when feasible.
- E. To facilitate peer interchange and augment the breadth of the educational experiences, institutions providing programs in pediatric pathology must be affiliated with accredited specialty training programs in pediatrics, obstetrics, surgery, and radiology.

F. While the quality of an educational program is not based on the volume of teaching material alone, programs must have sufficient volume and variety of materials available for educational purposes to ensure the opportunity for:

1. The participation in at least 40 pediatric autopsies per resident during the program. This experience must include general pediatric, metabolic, forensic, perinatal, and stillborn autopsies. It is highly desirable that this experience also include embryofetal autopsies.
2. Examination of at least 2000 pediatric surgical pathology specimens per resident during the program. This material must be from an adequate mix of cases, including obstetrics-related materials (placentas and abortions) and cytology.
3. The performance of at least 50 intraoperative consultations (frozen sections, smears) per resident during the program.
4. The number and variety of laboratory tests utilized in the program should be sufficient to give each resident experience in the range of laboratory examinations typically available and useful in the diagnoses and following of both common and unusual pediatric diagnostic problems, including metabolic, prenatal, genetic, neoplastic, and other diseases of the pediatric population.

#### V. Program Research and Scholarly Activity

- A. Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.
- B. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- C. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
  1. Library services should include the electronic retrieval of information from medical databases.
  2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VI. Evaluation

- A. There must be regular, formal, written evaluation of residents by teaching staff. Evaluations should be completed and discussed with the residents at least once every 6 months.
- B. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Residents should submit confidential, written evaluations of the program and teaching staff at least once each year.

## VII. Certification and Accreditation

- A. The RRC for Pathology is responsible for accreditation of graduate medical education programs in pathology. The American Board of Pathology is responsible for certification of individual physicians in pathology.
- B. Questions about accreditation of residency programs should be directed to the executive secretary of the RRC.
- C. Individuals who plan to seek certification from the American Board of Pathology should communicate with the executive vice president of the board to obtain the latest information regarding certification.

ACGME: June 1994 Effective: July 1995

# Program Requirements for Residency Education in Pediatrics

## I. Introduction<sup>1</sup>

Residency programs in pediatrics must provide educational experiences in the diversified field of pediatrics in an intellectual environment conducive to learning the exemplary practice of pediatrics.

### A. Duration and Levels of Training

These programs must provide a well-organized, progressive educational experience with increasing patient care responsibilities over a 3-year period.

The program must require at least 6 months of supervisory responsibility within the integrated hospitals, which must include both inpatient and outpatient experience.

The first year of training in an accredited core pediatric program must contain at least 8 months of pediatric experience. The remaining 4 months may be scheduled by the program director for other supervised elective educational experiences designed to enhance the residents' training.

The second year of training must provide the residents with increased clinical responsibility. This may include supervisory activity.

In the third year the residents must continue to have clinical care and supervisory responsibilities. They must be able to function independently under certain circumstances, such as in well-child continuity clinics, conducting school health examinations and/or precamp physicals, and managing minor illnesses and acute emergencies. These activities must be monitored by the faculty.

1. These requirements also pertain to primary care tracks within accredited pediatrics programs.

## B. Scope of Training

### 1. Breadth of Experience

Programs must provide a broad educational experience in pediatrics that will prepare the resident to function as a primary care specialist capable of providing comprehensive patient care. The training should provide an adequate foundation on which future subspecialty training may be based. It must involve all aspects of human growth and development, from conception through fetal life, infancy, childhood, adolescence, and young adulthood, and must include both preventive and therapeutic pediatrics.

The program must provide experience in the management of pathologic conditions, ranging from minor illness to life-threatening conditions requiring intensive care. There must be experience in health supervision of the well child; in diseases encountered frequently in pediatric office practice; in behavioral and psychosocial problems; and in problems that lie in the medical and surgical subspecialty areas, involving chronic as well as acute or emergent conditions.

### 2. Patient Population

Programs must have a sufficient number and variety of patients, including infants through young adults, to ensure that each resident receives broad training and experience.

The clinical experience must be sufficiently complex to ensure that the residents will have adequate exposure to diverse problems, including life-threatening conditions. A deficient or excessive patient load may jeopardize the accreditation status of the program.

### 3. Development of Skills

The program must provide opportunity for the resident to become competent in the performance of a number of procedures. These may include but are not limited to the following: lumbar puncture, placement of intravenous lines, arterial puncture, umbilical artery catheter placement, cutdowns for intravenous infusions, suprapubic taps, endotracheal intubation, and pleural and peritoneal paracentesis.

It is expected that the faculty will teach, evaluate the residents' performance of, and document the residents' attainment of these skills.

## II. Types of Programs

The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.

### A. Independent, Affiliated, or Integrated Programs

An accredited training program may be independent or may occur in two or more institutions. Participation by any institution providing more than 6 months of training must be approved by the RRC. Programs utilizing multiple hospitals must ensure the provision of a unified educational experience for the residents. When two or more institutions develop formal agreements and conjoint responsibilities to provide complementary facilities, teaching staff, and teaching sessions, this is designated as an *affiliated program*. However, when two or more institutions are utilized and a single program director assumes responsibility for the entire residency, including the appointment of all residents and teaching staff, the program is designated as *integrated*. No limit is placed on the duration of rotations to institutions that are integrated with the pediatric program at the parent hospital. In a single program some participating hospitals may qualify as integrated, while others are merely affiliated.

Rotations to affiliated institutions that are not integrated with the primary hospital may not exceed 9 months during the 3 years of training. No more than 3 months of these outside rotations may be in institutions that do not have their own accredited residencies in pediatrics.

The rotating residents must be fully absorbed into the prevailing pattern of instruction and patient care at the same level as pediatric residents of the affiliated institution. Clinical responsibility alone does not constitute a suitable educational experience.

Accredited pediatric residency programs that offer training to residents from other pediatric programs must provide instruction and experience equivalent to that which they give their own residents. They should not enter into agreement with other programs if they are not prepared to absorb those residents into the prevailing pattern of education and patient care.

### B. Institutional Agreements

When a residency program relies upon other institutions to supply some components of the curriculum, the arrangement between the institutions must be designed to meet the educational needs of the residents and must be described in a written document that is signed by the appropriate individuals from the respective institutions. These agreements must relate specifically to the program in pediatrics. Copies of these formal written arrangements, specifying administrative, organizational, and educational relationships, must be submitted with the program information forms at the time of each evaluation by the RRC. They must address the following:

1. The nature and scope of the affiliation or integration as it pertains to the residency
2. The resources in the affiliated or integrated institutions that will be available to the pediatric residents and whether space is ensured in the desired rotations
3. The specific content of the rotations
4. The duties and responsibilities the pediatric residents will have at the affiliated or integrated institution, including the degree of responsibility for patient care and whether supervisory experience is involved
5. The relationship that will exist between the residents of this program and the staff and residents at the affiliated or integrated institution
6. The names and qualifications of the specialists with major teaching commitment for these proposed rotations, particularly in the subspecialty areas
7. The method of evaluation of residents by teaching staff at the affiliated or integrated institution and how this is communicated to the program director.

## III. Size of Program

### A. Appointment of Residents

The development of a satisfactory program requires careful selection of applicants for appointment to the residency. When appointing residents, the program director must adhere to the criteria for resident eligibility that are specified in the institutional requirements and to institutional and departmental policies and procedures. An excessively high rate of resident attrition from a program will be a cause of concern to the RRC.

### B. Resident Complement/Peer Interchange

Peer interchange is an important component of the learning process. The number of pediatric residents must be sufficient to provide for frequent and meaningful discussion with peers. There must be a sufficient number of residents at each level to provide appropriate peer interchange during all phases of the training program, eg, neonatal, outpatient, ward, and emergency room. It is strongly recommended that a program offer a minimum total of 12 resident positions in the 3 years of training, exclusive of subspecialty residents. The RRC will consider the presence of residents from combined internal medicine/pediatric programs when it evaluates this.

## C. Service Duties and Supervision

The supervision of residents must be accomplished through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians. On-call schedules for teaching staff must be structured to ensure that supervision is readily available to residents on duty. The level of responsibility accorded to each resident must be determined by the teaching staff.

Hospital duties must not be so pressing or consuming that they preclude ample time for other important phases of the training program or for personal needs. There should be adequate staff backup when there are unexpected patient care responsibilities that might lead to resident fatigue, thereby jeopardizing patient care.

It is equally important that the residents have a keen sense of personal responsibility for patient care. If the residents do not accept this responsibility, no educational program can produce sympathetic and effective physicians. A resident's obligation to patients is not automatically discharged at any given hour of the day or any particular day of the week. The resident should not be relieved of duty until the proper care and welfare of the patients have been ensured by the presence of a suitable professional replacement.

### D. Call Schedule

Night and weekend duties must be sufficient to permit implementation of the concept of responsibility for patients and to provide adequate patient care. Resident on-call rotations should occur with an average frequency of every third or fourth night in any year of the program, and the schedule should be designed to provide a monthly average of at least 1 day out of 7 without assigned duties in the program.

### E. Monitoring Resident Stress

The program must have mechanisms for monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support service to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

### F. Outside Professional Activities

The program director should monitor the effects of other activities of the residents, including moonlighting, to ensure that the quality of patient care and the residents' education is not impaired.

## IV. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to the program.

### A. Program Director

There must be a single program director who has responsibility for the program. The program director is responsible for the selection and supervision of the teaching staff and other program personnel at each institution participating in the program.

The director of the residency program must have demonstrated ability as a teacher and administrator and be knowledgeable in the related basic sciences and research methodology. The director must be capable of administering the program in an effective manner and be competent in the care of pediatric patients.

The program director must be licensed to practice medicine in the state where the institution that sponsors the program is



located<sup>2</sup> and must hold an appointment in good standing to the medical staff of an institution participating in the program.

This individual must devote sufficient time to the residency program to provide continuity of leadership and to fulfill the administrative and teaching responsibilities inherent in achieving the educational goals of the program.

The director should be currently certified by the American Board of Pediatrics (ABP) or must possess suitable equivalent qualifications. The adequacy of equivalent qualifications will be determined by the RRC.

Continuity of leadership over a period of years is important to the stability of a residency program. Frequent changes in leadership or long periods of temporary leadership usually have an adverse effect on an educational program and will be cause for serious concern. The RRC must be notified promptly of any change in the leadership of the program.

The chief of pediatrics/department chair must have responsibility for all educational programs that are carried on within the Department of Pediatrics, including those in the subspecialties. All program descriptions submitted from this department must bear this individual's signature, indicating that the chief/chair has reviewed and approved the materials submitted.

## B. Teaching Staff

### 1. Number and Breadth

There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program at all of the sites utilized. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.

A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

A teaching staff with professional ability, enthusiasm, and a commitment to teaching is essential. They must possess diversified interests and expertise in clinical pediatrics and in the basic sciences. A measure of their commitment to the program is the degree to which patients under their care are available for resident education.

Within the parent hospital and/or integrated participating hospitals there must be teaching staff or attending staff in at least four of the required 1-month subspecialty rotations. These individuals must be readily available to provide on-site assistance to residents on an ongoing basis in the care of their patients on the outpatient and inpatient services. They should be board-certified and have subspecialty certification, where appropriate, or must possess suitable equivalent qualifications. The RRC will judge the adequacy of equivalent qualifications.

A surgeon having significant experience with pediatric patients must play a major role in the residents' education with respect to surgical diagnoses and pre- and postoperative care. A pathologist and a radiologist who have significant experience with pediatric problems and interact regularly with the pediatric residents are essential.

An important aspect of residency training is the opportunity for residents to develop their interpersonal skills and to participate in ethical decision making. Therefore, the teaching staff should serve as role models for the residents in these areas, displaying attitudes and behavior that demonstrate their commitment to patients and their families. The teaching staff should

also display respect for coworkers and other members of the health-care team.

### 2. Scholarly Activity

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests primarily with the teaching staff, but support for such activities should be provided by the sponsoring institution. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

- a. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
- b. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
- c. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.

## C. Other Personnel

Qualified pediatric nurses are essential. The institutional staff should also include, as a minimum, qualified members of the following allied health professions: social service, child life, physical therapy, respiratory therapy, psychology, and nutrition.

Programs also must have the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the residency.

## V. Curriculum

### A. Introduction

Each component of the curriculum must be a structured educational experience that reflects an appropriate balance between clinical and didactic activities. Written goals and objectives and a method of evaluation must exist for these curricular components. These goals must be distributed to residents and members of the teaching staff and should be available for review.

### B. General Pediatric Training

#### 1. Introduction

In keeping with the commitment of pediatrics to primary and comprehensive care, the program must involve experience in ambulatory general pediatrics, adolescent medicine, behavioral-developmental pediatrics, general pediatric inpatient care, and normal newborn care. It must include at least 6 months in general ambulatory settings (including general pediatric clinic, acute illness clinic, emergency room, private practice settings, adolescent clinics, and behavioral-developmental clinics), in addition to the required time spent in the continuity clinic. If residents spend more than 1/2-day session per week in the continuity clinic, the additional time can be included in the required 6 months in the ambulatory general pediatrics settings.

#### 2. Ambulatory General Pediatrics

General ambulatory pediatric care of high quality is essential for adequate training and requires the physical presence of qualified supervisors in settings where the patient load is maintained at a level appropriate for adequate learning. An array of pediatric problems of wide variety and complexity must be included in the patient group cared for in the general outpatient setting. The program director is responsible for documenting the adequacy of the outpatient population.

2. Certain federal programs are exempted.

Appropriate consideration also should be given to the total environment of the patient, including the psychosocial influences on and needs of the patient and family.

The following requirements pertain to ambulatory general pediatric care:

a. Continuity Clinic

To develop an understanding of the longitudinal aspects of growth, development, diseases and problems, continuing care of a group of patients throughout the 3 years of training is essential. Residents must have an assignment of at least ½ day per week in a continuity clinic throughout the 3 years of training. This assignment should receive priority over other duties and may be interrupted only for vacations and outside rotations located at too great a distance to allow the residents to return for the clinic. The periods of interruption may not exceed 3 months during any 1 year or 3 consecutive months at any time.

The continuity patient population must be sufficient in number and of adequate variety to meet the educational objectives. It must include well patients as well as those with complex and chronic problems. It also must include those initially cared for by the resident in the normal newborn nursery, in the general inpatient units, in the intensive care units, and in the subspecialty or emergency clinics. The teaching staff must monitor the appointment system to ensure the adequacy of the patient numbers and type of problems for each resident. Residents should arrange for the care of their patients when they themselves are not available.

Special attention should be given to anticipatory guidance and developmental and behavioral issues. Pediatric patients with chronic diseases and multiple problems, including physical and emotional handicaps, are in great need of comprehensive, coordinated care. Residents must learn how to serve as care manager for these patients and to function as a part of a health-care team. Subspecialty consultants and ancillary personnel must be available to the residents as they care for these patients.

b. Emergency and Acute Illness Experiences

In addition to their experience with acutely ill pediatric patients in the continuity clinics, residents must have at least 3 months of experience managing pediatric patients with acute problems, such as respiratory infections, dehydration, coma, seizures, poisoning, trauma, lacerations, burns, shock, and status asthmaticus. At least one of these months must be a block rotation in an emergency room setting during which the residents have the opportunity to function as the physician of first contact for pediatric patients with the problems mentioned above. It is not a sufficient educational experience if the pediatric residents function only on a consultative basis.

While high patient volume forces the setting of priorities and may facilitate the development of efficiency and sound clinical judgment, it should not reach a point where learning or patient care are compromised. The patient volume per resident must be kept reasonable, with due consideration given to the level of training of the residents, the ratio of new patients to those making return visits, and the complexity of the problems. Although they may be called upon to care for some adult patients, residents' major responsibility must be for an appropriate range of pediatric patients.

Residents in these settings must be supervised by pediatric teaching staff members or by other attending staff who have extensive experience in and knowledge of the care of pediatric emergencies. These individuals must participate with the members of the pediatric teaching staff in the establishment

of educational goals for this experience and in the evaluation of the pediatric residents.

c. Private Practice Preceptorships

Office electives or preceptorships may constitute up to 2 months in each of the second and third years of pediatric residency. Assignments may be solid blocks of time or may run concurrently with other assignments on a part-time basis. Programs using this educational method must submit to the RRC adequate descriptions of the content of these educational experiences each time the program is reviewed. Preceptors must be designated specifically by the director and chosen for their willingness and ability to teach. The manner in which responsibility is delegated is important. Residents must be involved in decision-making processes and not function merely as observers. They must accompany the preceptor on hospital visits. Their role in the management of inpatients should not, however, conflict with that of other house officers assigned to inpatient duty. A resident may not be employed to substitute for a pediatrician temporarily absent from the office. A preceptor must be physically present to supervise the resident and ensure a continuing educational experience.

A resident in a preceptorial relationship should be responsible for the maintenance of office records as well as for the management of patients assigned to him or her. The program director is responsible for the documentation of preceptorial activities, including justification of the qualifications of the preceptor, written evaluation of the resident by the preceptor, and evaluation of the preceptor by the resident.

3. Adolescent Medicine

There must be a structured experience in adolescent medicine involving didactic and clinical components and inpatient and ambulatory experience. It must be under the direction of a teaching staff member with expertise in adolescent medicine. Residents must have patient care experiences in the following: health maintenance examinations, family planning, sexually transmitted diseases, and gynecology.

Experiences in chemical dependency, sports medicine, health needs of incarcerated youth, and college health issues are strongly recommended. A separate clinic for adolescent patients is desirable.

4. Behavioral Developmental Pediatrics

Residents must participate in a structured experience in normal and abnormal behavior and development involving didactic and clinical components. Experience must include the care of patients from newborn through young adulthood.

5. Inpatient Care

The list of diagnoses and patient data requested in the program information forms must show evidence of a sufficient number and variety of complex and diverse pathologic conditions to ensure that the residents have adequate experience with patients who have acute and chronic illnesses as well as those with life-threatening conditions in the pediatric age groups. The experiences as supervised consultants on subspecialty rotations are distinct from this requirement.

Residents at more than one level of training must interact in the care of inpatients. The number of residents from other specialties who rotate on the pediatric service must not dilute the experience and peer interaction for the pediatrics residents.

The patient load for each first-year resident should allow time for close and effective management and detailed study of patients, yet should challenge the resident with diverse and complex problems. A first-year resident should be responsible for approximately 6 to 10 patients, depending on the average length of stay and the nature and severity of illness. Second- and third-

year residents may be involved in the care of substantially more patients than are first-year residents. Pediatric faculty with broad experience in primary care pediatrics should actively participate in the education of residents in the inpatient settings.

Regularly scheduled attending rounds must be conducted by qualified teachers who are immediately available to the residents for consultation and who are backed up by consultants in subspecialty areas. These rounds must occur at least three times per week. Opportunities also must be provided for residents to accompany attendings during focused physical examinations.

6. Normal Newborn

There must be the equivalent of at least 1 month spent in the care of normal newborns in the normal newborn nursery setting. This experience must include physical examination and counseling of the mother on the care and feeding of her infant.

**C. Subspecialty Training**

1. Duration and Level

The total amount of time committed to all subspecialty rotations must be at least 11 but not more than 15 months. No more than 6 months may be spent on any one subspecialty during the 3-year residency. The subspecialty rotations should occur primarily in the second and third years of training.

2. Subspecialty Rotations

There must be a rotation in neonatal critical care (Levels II and III) for a minimum of 4 but not more than 6 months, exclusive of experience with the normal newborn. Residents must have the opportunity to participate in the resuscitation of newborns in the delivery room.

In addition to the rotation in neonatal critical care, the program must require of each resident a minimum of four 1-month rotations from among the following pediatric subspecialties:

Allergy/Immunology	Hematology/Oncology
Cardiology	Nephrology
Critical Care	Neurology
Endocrinology/Metabolism	Pulmonology
Gastroenterology	

The remaining subspecialty experiences needed to comply with the requirement for 11 to 15 months of subspecialty training may be scheduled during part of the general rotations in the outpatient department and inpatient services or as block assignments. These may be chosen from the list above or from the following important subspecialty areas:

Child Psychiatry	Pediatric Radiology
Dermatology	Pediatric Surgery
Genetics	Pediatric Rheumatology
Infectious Disease	

With the exception of rotations in neonatal critical care, two elective subspecialty rotations may be combined over a 2-month period of time, provided the outpatient and inpatient experiences of the two subspecialties can be successfully integrated. If two areas that cannot be integrated are offered, each must be at least 1 month in duration.

3. Subspecialty Supervision

Subspecialty experience must be supervised by pediatricians who have been certified in their pediatric subspecialty areas by the appropriate subboards of the ABP or by another specialty board or who possess suitable equivalent qualifications. The acceptability of equivalent qualifications will be determined by the RRC. These individuals must be directly involved in the supervision of residents during their training in the subspecialties.

4. Content of Required and Elective Subspecialty Experiences

All subspecialty rotations must have an adequate number and variety of patients to provide each resident with an appropriately

broad experience in the subspecialty. These experiences also must include attending subspecialty conferences, appropriate reading assignments, and acquainting the residents with techniques used by subspecialists.

Each resident must have patient care responsibilities as a supervised consultant on the inpatient and outpatient services in each of his or her subspecialty experiences. As a supervised consultant the resident must have the opportunity to evaluate and to formulate management plans for subspecialty patients. Instances in which a resident functions solely as an observer will not fulfill this requirement.

**D. Conferences**

In addition to at least weekly conferences in general pediatrics and its subspecialties, there must be regularly scheduled conferences in pathology, psychology, and radiology. These must be conducted by persons qualified in the specific areas under discussion. Although the departmental clinical faculty may have sufficient knowledge and expertise to provide satisfactory instruction, participation by basic scientists is encouraged. Active participation by the teaching faculty should be documented.

As residents progress through their training, they should be increasingly involved in these conferences. Reasonable requirements for resident attendance should be established and resident and staff attendance monitored.

Rounds and conferences should correlate fundamental physiological, biochemical, microbiological, pathological, and psychological aspects of disease in the pediatric age groups. The content of the conferences should be integrated into the educational program to teach residents how to utilize basic science resources in developing an understanding of the mechanisms of diseases and their management.

Residents should be encouraged to attend postmortem examinations of patients on their service and to discuss the findings with the pathologist.

**E. Clinical Investigation and Research**

Research offers an important opportunity for the application of the basic sciences to clinical problems and is an important part of the preparation of the resident for a lifetime of self-education after the completion of formal residency training. The program must provide support for resident participation in scholarly activities. Residents should be taught how to engage in critical evaluation of the scientific literature through journal clubs and research conferences. The program also must provide the opportunity for residents to take part in scholarly activities, which may include clinical investigation and/or basic research. Teaching staff must offer guidance and technical support (eg, research design, statistical analysis) for residents involved in research.

**VI. Facilities**

**A. Clinical Facilities**

The inpatient and outpatient facilities must be adequate in size and variety and must have the appropriate equipment necessary for a broad educational experience in pediatrics.

There must be an appropriately equipped and staffed emergency room facility for the care of pediatric patients. The program also must have an intensive care facility that is appropriately equipped and staffed for the care of seriously ill pediatric patients.

**B. Library**

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VII. Evaluation

The program director is responsible for developing and implementing formal mechanisms for evaluation.

### A. Evaluation of Residents

Program directors are required to keep accurate documentation of the general and subspecialty experiences of each resident in the program and to submit this information to the RRC if it is requested. The RRC also will require documentation of the exact nature of the general and subspecialty experiences at other institutions so that it can monitor the degree to which such experiences have educational merit.

The program should develop mechanisms by which residents can provide clear demonstration of the acquisition of fundamental knowledge and clinical skill prior to progression to the level of supervised semi-independent patient management.

Written documentation of regular periodic evaluation of the residents must be maintained. All evaluations must be formally reviewed with the residents at least annually but preferably semiannually.

It is essential that residents participate in existing national examinations. The annual in-service examination of the ABP is one example of an objective test that can be utilized by the program. An analysis of the results of these testing programs should guide the faculty in regard to the cognitive strengths and weaknesses of individual residents.

Residents should be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.

The program director is responsible for implementing fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.

The program must maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.

The program director and faculty are responsible for provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

### B. Evaluation of Faculty

Teaching faculty must be evaluated on a regular basis. Documentation of faculty evaluation should include teaching ability and commitment as well as clinical knowledge. There must be a formal mechanism by which residents participate in this evaluation in a confidential manner.

### C. Evaluation of the Program

The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident should participate in these reviews.

There should be documented evidence of this periodic self-evaluation by the program in relation to the educational goals, the needs

of the residents, and the teaching responsibilities of the faculty. This evaluation should include an assessment of the balance between the educational and service components of the residency. In addition, the teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, and the quality of supervision of the residents.

As part of the process, the program director must also monitor the performance by the program's graduates on the examinations of the ABP. Information gained from these evaluations should be used to improve the program.

## VIII. Information Items

### A. Evaluation by the RRC

Each program will be evaluated by the RRC at regular intervals. Program directors are required to provide the statistical and narrative information requested by the RRC for these evaluations. The RRC will judge the degree of compliance with these program requirements and the institutional requirements. Where multiple tracks exist within one program, each must comply with the requirements.

Prior approval of the RRC is required for the addition or deletion of a major participating hospital and for major changes in the format of a program. On review of a proposal for major change in a program, the RRC may determine that a site visit is necessary before a decision can be made.

One measure of the quality of a residency program is the performance of its graduates on the certifying examinations of the ABP. In its evaluation of residency programs the RRC will take into consideration the information provided by ABP regarding resident performance on the certifying examinations over a period of several years.

The provisions of the institutional requirements also must be met for accreditation.

### B. Board Certification

Residents who plan to seek certification by the ABP should communicate with the president of the board to obtain the latest information regarding certification.

*ACGME: February 1989 Effective: July 1995*

## Policies and Procedures for Residency Education in the Subspecialties of Pediatrics

As a general rule, pediatric subspecialty programs will be surveyed and reviewed in conjunction with the survey and review of the core pediatrics program to which they are attached. In special cases determined by the Residency Review Committee (RRC), or in the case of a new application, a subspecialty program may be surveyed and reviewed separately.

A separate set of forms will be completed for the core program and for each of the subspecialty programs being surveyed. Instructions will be provided regarding the preparation of the forms and the details of the survey.

To qualify for initial accreditation, a subspecialty program must function in conjunction with an accredited core program that is in good standing. If the core program is accredited on a probationary basis or is involved in implementing appeals procedures, an application for accreditation of a new subspecialty program attached to that core will not be accepted by the RRC.

The RRC will designate subspecialty programs as being accredited or not accredited. No further delineation of accreditation categories will be utilized. The accreditation of a subspecialty program will be directly tied to that of the core. If the core program is subsequently accredited on a probationary basis, this is simultaneously a warning to the related subspecialty programs that accreditation is in jeopardy. Withdrawal of accreditation of the core pediatrics program will result in the simultaneous loss of accreditation of all subspecialty programs that function in conjunction with it. Additional details regarding these procedures are found in the *ACGME Manual of Policies and Procedures for Graduate Medical Education Review Committees*.

If the core program remains in good standing but the RRC judges a subspecialty program to be in noncompliance with the program requirements, a warning will be issued. If suitable improvement is not demonstrated in the time specified by the RRC, accreditation may be withdrawn from the subspecialty program. The Procedures for Appeal of Adverse Actions may be utilized by subspecialty programs from which accreditation has been withdrawn in an action separate from withdrawal of accreditation from the core program.

Inquiries about accreditation of pediatric subspecialty programs should be directed to the executive secretary of the RRC for Pediatrics.

## Program Requirements for Residency Education in the Subspecialties of Pediatrics

### I. Introduction

Each subspecialty program must be organized and conducted in a way that ensures an appropriate environment for the well-being and care of the patients, provides residents<sup>1</sup> with adequate training in the diagnosis and management of these subspecialty patients, and develops scholarship on the part of those residents.

These subspecialty programs must exist in conjunction with and be an integrated part of an Accreditation Council for Graduate Medical Education (ACGME)-accredited pediatric residency program. Their existence should not compromise the integrity of the core program.

Prerequisite training for entry into a pediatric subspecialty program should include the satisfactory completion of an ACGME-accredited pediatric residency or other suitable training.<sup>2</sup>

The director and teaching staff of a program must prepare and comply with written educational goals for the program, and all educational components of a program should be related to these goals.

The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process. Participation by any institution providing more than 6 months of training in the program must be approved by the RRC.

### II. Duration and Scope of Training

Pediatric subspecialty programs must provide two years<sup>3</sup> of training, that must include progressive clinical, technical, and consultative

experiences that will enable the resident to acquire expertise as a consultant in the subspecialty. A program must emphasize scholarship, self-instruction, development of critical analysis of clinical problems, and the ability to make appropriate decisions. There should be progressive acquisition of skills in investigative efforts related to the subspecialty.

### III. Service Duties

Service commitments must neither compromise the educational goals and objectives nor preclude adequate time for personal needs. The call schedule should not be more frequent than every third night, averaged monthly, and the overall schedule should be designed to provide a monthly average of at least 1 day out of 7 without assigned duties in the program.

The program director and teaching staff must monitor resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction, and should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

### IV. Program Leadership and Teaching Staff

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program. This director must be fully committed to the program in order to devote sufficient time to the achievement of the educational goals and objectives and must be based at the primary teaching site. The RRC must be notified promptly of a change in the leadership of the program.

##### 1. Qualifications

The director must possess the following qualifications:

- Requisite and documented clinical, educational, investigative, and administrative abilities and experience.
- Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- Certification by the relevant subboard of the American Board of Pediatrics or acceptable equivalent credentials. The adequacy of alternate qualifications will be judged by the RRC.
- Appointment in good standing to the medical staff of an institution participating in the program.

##### 2. Responsibilities

The responsibilities of the program director include the following:

- Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of the subspecialty residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of pa-

1. Those in accredited subspecialty programs are called *residents* or *subspecialty residents*. The term *fellow* is not used.

2. Candidates who do not meet this criterion should consult the American Board of Pediatrics or other appropriate board regarding their eligibility for subspecialty certification.

3. If a third year is offered, it must be described when the program is reviewed by the RRC. Those planning to seek certification by the subboard should consult the American Board of Pediatrics regarding the criteria for eligibility, including length of training.

tients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.

Supervision of subspecialty residents must be provided by members of the teaching staff who are skilled in medical education as well as in the care of patients and who can devote adequate time to both of these endeavors. The supervising faculty must include teaching staff who are active and competent in their respective subspecialty disciplines and who are available to ensure proper education and to intervene in patient care as appropriate.

- e. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.

### B. Teaching Staff

1. In addition to the program director, there must be at least one other member of the teaching staff who is similarly qualified in the subspecialty to ensure continuity of the educational program.
2. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. Appropriate consultant faculty must be available to provide the residents with a defined educational experience in related disciplines, as delineated in the special requirements for each subspecialty.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## V. Scholarly Activity and Research

As part of the academic environment, an active research component must be included within each accredited subspecialty program. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. Recent productivity by the program and by the residents will be assessed.

Participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship must be demonstrated. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.

There must be adequate resources for scholarly activity, including research and critical analysis. Adequate laboratory space, equipment, and computer services for data analysis and statistical consultative services must be available to both the faculty and the residents.

### A. Faculty Research/Scholarly Activity

The teaching staff must provide evidence of a commitment to and productivity in research in the pediatric subspecialty area. This research must be ongoing in clinical and/or basic aspects of the pediatric subspecialty field.

The RRC will consider the following as indicative of the commitment of the teaching staff to research:

1. Projects that are funded by agencies requiring peer review
2. Publications in peer-reviewed journals

3. Presentations at national or regional scientific meetings
4. Research protocols that have been approved by the local Institutional Review Board

### B. Research Program for Subspecialty Residents

Within the institution there must be provision of support for resident participation in scholarly activities. The subspecialty resident must be exposed to and take part in research projects that are conducive to a questioning attitude, to protocol development, and to critical analysis of new therapies and medical literature. Research experience should begin in the first year and continue for the entire period of training to allow adequate time for the development of research skills and to bring a project to completion.

Residents must help design, conduct, evaluate, and prepare for publication a clinical or laboratory research project in the subspecialty area. They also should be required to conduct research seminars and prepare a written report of their research activities.

Instruction in related basic sciences and associated disciplines such as research design, biostatistics, and epidemiology must be offered through courses, workshops, and seminars.

### C. Medical Education

Subspecialty residents should be actively involved in the education of house staff and medical students. They should understand the appropriate role of the pediatric generalist in subspecialty care and participate in the residency and continuing education activities. This should include a knowledge of curricular design and an active involvement in conferences, lectures, and clinical experiences for general pediatric residents.

Residents should have experience and guidance in the critical evaluation of pertinent medical literature and in medical writing and oral presentations. They should have the opportunity to develop teaching skills by giving lectures, conducting seminars and clinical conferences, and by preparing teaching materials. These efforts should be reviewed and evaluated by supervising faculty.

## VI. Patient Population

Adequate numbers of pediatric subspecialty inpatients and outpatients, both new and follow-up, must be available to provide a broad experience for the residents. These should range in age from infancy through young adulthood, where appropriate. There is a critical balance among the number and variety of patients, the number of preceptors, and the number of residents in the program. Residents must have access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a program.

## VII. Library Facilities

The training program must provide access to facilities for the residents to engage in scholarly activities, including conference rooms, medical library, and research laboratories. The library should be available day and night and should have an ample supply of current pediatric subspecialty textbooks and journals. Access to computerized literature search facilities is necessary.

## VIII. Evaluation

There must be an ongoing mechanism for the assessment of resident performance, faculty performance, patient care, and program objectives.

### A. Evaluation of Residents

The program must have formal mechanisms by which the knowledge, skills, and professional growth of the residents are evaluated at least semiannually. This assessment must specify how the acquisition of requisite skills for subspecialty competence is accomplished. A written record of these evaluations must be maintained, must be

formally reviewed with the residents, and must be accessible to authorized personnel. Residents should be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.

The program director must provide a written final evaluation for each resident who completes the program. This evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice in this pediatric subspecialty competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

#### **B. Evaluation of Faculty**

Teaching faculty must be evaluated on a regular basis. Documentation of faculty evaluation must include teaching ability and commitment, as well as clinical knowledge and participation in scholarly activity. There must be a formal mechanism by which residents in both the core and subspecialty programs participate in this evaluation.

#### **C. Evaluation of the Program**

There must be documented evidence of periodic review and evaluation of the program in relation to the educational goals, the needs of the residents, and the clinical and research responsibilities of the faculty. At least one resident representative should participate in these reviews.

The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

Information gained from these evaluations should be used to implement improvements in the program.

### **IX. Evaluation by the RRC**

Each program will be evaluated by the RRC at regular intervals, usually in conjunction with a review of the core program to which the subspecialty program is attached. Prior approval of the RRC should be obtained before implementation of major changes in the program during the interval between regular reviews.

Program directors are responsible for submitting complete and accurate information on the program to the RRC. Upon review of this information, the committee will judge the degree of compliance with the published standards.

In addition to complying with the requirements outlined in this document, each program must comply with the program requirements for the respective subspecialty, which may exceed the minimum requirements set forth above.

One measure of the quality of a training program is the performance of its graduates on the certifying examination of the sub-board. In its evaluation of these programs the RRC will take into consideration the information provided by the American Board of Pediatrics.

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## **Program Requirements for Residency Education in Neonatal-Perinatal Medicine**

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must comply with the following requirements, which may in some cases exceed the common requirements.

### **I. Scope of Training**

The purpose of the training program in neonatal-perinatal medicine is to provide residents with the background to understand the physiology of the normal neonate and the pathophysiology of the sick infant and to diagnose and manage problems of the newborn. To ensure an appropriate educational environment, training programs in neonatal-perinatal medicine must exist in conjunction with an accredited obstetrical residency program as well as with an accredited program in pediatrics.

The training program must emphasize the fundamentals of clinical diagnosis and management of problems seen in the continuum of the development of the fetus through prenatal, intrapartum, and neonatal periods, including follow-up. Each resident must participate in the long-term follow-up of high-risk infants and must have the opportunity to learn to identify the high-risk pregnancy, to evaluate fetal well-being and maturation, and to become familiar with the aberrant factors that may develop during the intrapartum period. The resident must have the opportunity to develop special competence in the management of critically ill newborn infants, including techniques of neonatal resuscitation, venous and arterial access, endotracheal intubation, preparation for transport, ventilatory support, continuous monitoring, temperature control, nutritional support, and general principles of critical care. The residents should have the opportunity to develop an appreciation of the social implications of disorders of the fetus and newborn infant.

The program should also provide opportunity for residents to teach and assume some departmental administrative responsibilities.

### **II. Patient Population**

An adequate number of infants with a variety of neonatal disorders must be available so that each neonatal-perinatal resident may acquire competency in the management of the critically ill infant and in the technical aspects of care. The obstetrical and neonatal-perinatal programs must be closely associated, and there should be a sufficient number and variety of high-risk obstetrical patients to ensure that the residents become knowledgeable in identifying high-risk pregnancies and evaluating fetal well-being and maturation.

The number of infants requiring ventilatory assistance must be sufficient to provide each resident with the opportunity to become skilled in the management of these infants. Similarly, there should be an adequate number of infants requiring major surgery, including cardiac surgery, to afford the resident the opportunity to become skilled in the preoperative and postoperative management of these infants.

Residents must follow discharged infants in sufficient numbers to become skilled in the evaluation and management of such infants, as well as to become aware of the socioeconomic impact and the psychosocial stress that such infants may place on a family.

### **III. Laboratory Techniques**

Residents must be instructed in laboratory techniques essential to the care of the high-risk infant. Experience in tabulating and evaluating institutional and regional fetal and neonatal morbidity and

mortality should be provided. There also should be experience and instruction in techniques of collation and critical interpretation of data pertaining to immediate outcome and sequelae of various disease entities such as hyaline membrane disease, asphyxia, neonatal sepsis, blood group incompatibilities and congenital anomalies. This experience should be closely related to the evaluations of various modalities of therapy used in these disorders.

#### IV. Basic Sciences and Conferences

The program must include instruction in related basic sciences. Seminars, conferences, courses, and appropriate laboratory experiences must be offered in the basic disciplines related to pregnancy, the fetus, and the newborn. Examples of these are maternal physiological, biochemical, and pharmacological influences on the fetus; fetal physiology; fetal development; placental function (placental circulation, gas exchange, growth); physiological and biochemical adaptation to birth; physiology, biochemistry, pharmacology, and pathology relevant to diseases of the newborn; psychology of pregnancy and maternal-infant interaction; breast feeding and lactation; growth and nutrition; genetics; epidemiology; and biostatistics.

Residents should participate in regularly scheduled multidisciplinary conferences, such as sessions that review perinatal mortality, morbidity, and patient care, as well as in case conferences and current literature and research conferences.

#### V. Teaching Staff

Essential staff for the training program are

1. A minimum of three neonatologists to provide adequate supervision and to ensure the educational and research quality of the program.
2. A pediatric cardiologist as a consultant and teacher.
3. A surgeon skilled in pediatric surgery as a consultant and teacher.
4. A cardiovascular surgeon skilled in pediatric cardiovascular surgery as a consultant and teacher.
5. An obstetrician with special competence in fetal-maternal medicine.
6. A pediatrician skilled in neurodevelopment as a consultant and teacher.

Appropriate consultant faculty must be available to provide the residents with a defined educational experience in related disciplines, including other pediatric subspecialties, fetal-maternal medicine, pediatric surgery, radiology, anesthesiology, pathology, social service, and nursing.

Staff from other disciplines should be readily available. These should include but not be limited to neurology, ultrasonography, genetics, infectious disease, neurosurgery, ophthalmology, urology, orthopedics, and otorhinolaryngology.

The following staff also are recommended: a bioengineer, an ultrasonographer well versed in perinatal ultrasonic techniques, and a statistician and/or epidemiologist.

Nursing staffs must be sufficient to meet appropriate standards of care. This implies leadership by nurses skilled in neonatal and obstetrical intensive care. Medical social workers, qualified in maternal-child health, also must be available.

#### VI. Facilities and Laboratories

Because neonatal intensive care is an integral part of the institution in which the training program is housed, it is essential that the following facilities be available within that institution or in another readily available institution that ensures access to them on a 24-hour-a-day basis:

1. Microchemical laboratory
2. Blood gas laboratory

3. Perinatal diagnostic laboratory
4. Radiology and ultrasound imaging facilities
5. Diagnostic bacteriology and virology laboratory
6. Hematology laboratory
7. Blood bank
8. Electrocardiographic and electroencephalographic laboratories
9. Computed tomography and/or magnetic resonance imaging facilities

In addition to these essential diagnostic facilities, the following should be available within a reasonable period of time at the primary teaching site or nearby:

1. Screening laboratory for inborn errors of metabolism
2. Clinical toxicology laboratory
3. Nuclear medicine facilities
4. Cytogenetics laboratory

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## Program Requirements for Residency Education in Pediatric Cardiology

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must comply with the following requirements, which may in some cases exceed the common requirements.

### I. Scope and Duration of Training

An accredited program in pediatric cardiology must provide 3 years of training.

The purpose of a training program in pediatric cardiology is to provide subspecialty residents with the foundation for understanding normal and abnormal cardiovascular conditions. Graduate training in pediatric cardiology should provide for properly balanced, well-organized, and progressive responsibility for care and study of patients on inpatient services, in intensive care units, and in ambulatory centers. The program must prepare the residents to provide optimal care and consultation for children with cardiovascular disease. Clinical training must be broad and include inpatient and outpatient experience, with the opportunity to observe heart disease in adults, particularly congenital and rheumatic disease. This responsibility must encompass age groups from the fetus and newborn through the young adult. The resident must be exposed to pathologic conditions ranging from mild to those requiring extensive or continued intensive care. There must be experience with a broad spectrum of congenital and acquired heart disease, both surgical and medical, and chronic as well as acute or emergency situations.

There must be opportunities to participate in and learn the fundamentals of administration of a pediatric cardiology program, including organization of clinics, organization and function of the cardiac team, and interaction with support agencies in the community such as government programs, third-party insurance companies, school nurses, public health nurses, and others.

The resident also must be provided experience in organizational responsibilities of a pediatric cardiologist in the community. This should include the functioning of a cardiac catheterization laboratory and a hospital-based pediatric cardiology service.

Residents must become familiar with preventive cardiology and with the psychosocial, ethical, and legal aspects of pediatric cardiology.

### II. Clinical Experience

Programs in pediatric cardiology must include but not be limited to training in the following fundamental skills:



### A. Noninvasive Techniques

Clinical diagnosis with special emphasis on auscultation and physical examination, roentgenology, electrocardiography, 2-D and M-mode echocardiography, Doppler ultrasound, exercise testing, Holter monitoring, and any other laboratory tests or imaging methods that may become established to facilitate diagnosis and management.

### B. Invasive Techniques

Experience and instruction in the techniques and understanding of the value and limitations of diagnostic cardiac catheterization, selective angiocardiology, electrophysiology, and therapeutic catheter techniques.

### C. Resuscitation Techniques

Experience and instruction in the techniques and understanding of the value and limitations of pericardiocentesis, thoracentesis, cardiopulmonary resuscitation, cardioversion, and temporary pacing.

### D. Cardiac Catheterizations

The residents must be taught the use of relevant electronic equipment, recording devices, and angiographic equipment necessary to perform cardiac catheterization. In addition, the program must instruct the residents in the fundamentals of radiation safety. Accredited training programs should have a minimum yearly pediatric caseload of approximately 100 cardiac catheterizations and 75 operations employing extracorporeal circulation. Of these, approximately 30 catheterizations and approximately 24 open-heart surgical procedures should be performed on patients less than 1 year of age.

Experience with preoperative and postoperative care of patients having cardiac surgery, both by closed and open methods, in close cooperation with the cardiothoracic surgical staff, is required. Residents must have sufficient exposure to or instruction in current surgical techniques, methods of cardiopulmonary bypass, and hypothermia to develop adequate understanding of them. The resident should be instructed in the management of postoperative patients and postoperative complications, both immediate and delayed. Opportunity for long-term follow-up observations of both preoperative and postoperative patients must be provided.

The resident should participate in consultations or conferences in which the medical and surgical staffs evaluate the results of surgery and the patient's cardiac status prior to discharge from the hospital. The resident should have the opportunity to arrange for follow-up visits and send information to the referring physician to assist him or her in the future management of the patient.

In addition, the program must provide the resident with education in and exposure to rheumatic fever, collagen diseases, infective endocarditis, and other infections and metabolic conditions. Residents should be instructed in the etiologic and risk factors in hypertensive and atherosclerotic heart disease, including hyperlipidemic states, and should gain experience in the prevention, diagnosis, and management of patients with these cardiovascular problems.

There must be a regularly scheduled pediatric cardiology clinic, which must be supervised by one or more members of the cardiology staff. Time and space in this clinic must be available for residents to provide continuity and follow-up care for all patients under their care.

Clinical data, including inpatients, outpatients, and patients undergoing catheterization and/or surgery, should be cross-indexed and kept in such a manner as to allow rapid evaluation and analysis of the assembled information, including age, diagnosis, outcome, etc.

### III. Basic Sciences and Conferences

The program should offer courses, seminars, workshops, or laboratory experience to provide appropriate background in basic and fundamental disciplines related to the heart and cardiovascular system, such as anatomy, physiology, biochemistry, embryology, pathology, pharmacology, genetics, nutrition, bioelectronics, and biostatistics.

The resident must receive instruction in cardiovascular pathology. Specimens demonstrating the various types of congenital cardiovascular anomalies should be classified and readily available for study. Conferences involving current pathological material must be held and closely correlated with clinical experience; such conferences should have clinicians, surgeons, anesthesiologists, roentgenologists, and pathologists in attendance.

There must be structured education in embryology and anatomy of the normal heart and vascular system as well as potential deviations from normal. Normal and abnormal cardiovascular and cardiopulmonary physiology and metabolism should be taught, as well as fundamentals of cardiovascular pharmacology, including mechanisms of drug action, therapeutic indications, and side effects.

Conferences must be held on a regular basis in the areas of clinical diagnosis and therapy, including quality assurance evaluation, cardiovascular research, and clinical morphologic correlations. Conferences with other disciplines such as physiology, pharmacology, neonatology, cardiovascular radiology, cardiothoracic surgery, and adult cardiology are encouraged.

### IV. Teaching Staff

A general pediatric staff with a broad range of subspecialty interests is essential to teach complete care of infants, children, adolescents, and young adults with cardiac problems. Members of the pediatric cardiology training staff must be board-certified in the subspecialty or possess suitable equivalent qualifications. Residents must also be assured of access to medical cardiologists and basic scientists actively engaged in cardiovascular research. Special staff expertise is desirable in electrophysiology, exercise physiology, invasive and interventional cardiac catheterization procedures, intensive care, preventive cardiology, and echo-Doppler (including fetal). A ratio of two pediatric cardiology training staff members to each resident is desirable.

The physician in charge of the catheterization procedures must be certified by the subboard of Pediatric Cardiology or possess suitable equivalent qualifications and must be able to carry out the technical aspects of the procedures and correlate the results of the study with clinical information in reaching sound anatomic, hemodynamic, and electrophysiologic conclusions. A second physician should be available to the catheterization lab in the event that additional help is needed or a complication develops.

In addition, an anesthesiologist and a cardiothoracic surgeon, all having expertise in the pediatric cardiovascular aspects of their specialties, should be immediately available for consultation, assistance, and emergency surgical procedures. Additional personnel, adequately trained in pediatric cardiovascular techniques, should be available.

Staff from other disciplines, including cardiovascular radiology, cardiothoracic surgery, adult cardiology, anesthesiology, neonatology, pulmonary disease, pathology, hematology, nephrology, gastroenterology, and genetics, should be readily available.

Residents should be taught to work with and utilize the special skills of pediatric cardiovascular nurses, intensive care nurses, catheterization laboratory technicians, operating room personnel, social workers, and psychologists.

## V. Facilities and Equipment

It is desirable that all facilities be located at the same institution. Where a facility is shared by several institutions in the interest of cost and efficiency, the program director may arrange for a resident to rotate to that facility.

### A. Catheterization Laboratory

To provide a comprehensive experience for the resident, the catheterization laboratory should be located within a facility completely equipped to take care of patients. A program utilizing a catheterization laboratory located in a facility that cannot meet this criterion will be expected to provide evidence that the educational experience is not compromised in this regard.

Up-to-date equipment in the catheterization laboratory must include facilities for diagnostic biplanar cineangiography and blood gas analyses and should include equipment for electrophysiological studies and interventional cardiology. A method for recording catheterization laboratory complications must be used and records kept of all complications. Resuscitation equipment must be available for all pediatric patients.

### B. Inpatient Service

An active inpatient pediatric cardiology service is essential. It should provide all the diagnostic and treatment services characteristic of a comprehensive children's facility. Patients admitted to the inpatient service should be under the direct or indirect supervision of the training program staff and available to the residents.

### C. Support Facilities

The following facilities should be available on a 24-hour basis:

1. General x-ray diagnostic facilities and nuclear cardiology
2. A graphics laboratory with facilities for recording the standard electrocardiogram and 2-D and Doppler echocardiograms
3. Laboratories to do routine analyses of blood and urine; to determine blood gas values, blood chemistries, and blood clotting studies; and to cross-match blood
4. An operating room designed and equipped for cardiopulmonary extracorporeal circulation with appropriate monitoring devices, defibrillators, and cardiac pacing devices
5. A blood bank equipped to meet the demands of cardiac surgery, which must be closely affiliated with the center
6. An intensive care unit in each center in which patients with heart disease are cared for under the supervision of the training program staff and are available to the residents and in which there are preoperative and postoperative patients with heart disease, as well as appropriate personnel and equipment to allow provision of the special and constant care needed by these patients

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## Program Requirements for Residency Education in Pediatric Critical Care Medicine

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must comply with the following requirements, which may in some cases exceed the common requirements.

### I. Scope of Training

The purpose of the training program in pediatric critical care medicine is to provide subspecialty residents with a foundation for understanding the pathophysiology of acute, life-threatening disease, as well as the physiology of advanced life support; to prepare them for

the care of critically ill pediatric patients; and to enable them to contribute to this pediatric subspecialty.

If there is more than one program in critical care medicine in the institution, there should be an institutional policy governing the educational resources committed to these programs and ensuring cooperation of all involved disciplines.

These programs must be organized and conducted in a manner that assures optimum patient care while providing residents with the opportunity to become skilled clinicians, competent teachers, and knowledgeable investigators familiar with and capable of administering a critical care unit.

To achieve this, the program must emphasize the fundamentals of clinical diagnosis, patient assessment, and clinical management. The subspecialty residents in pediatric critical care medicine must participate in the care of pediatric patients of all ages, from the infant to the young adult, and they must have the opportunity to acquire the knowledge and skills to diagnose and manage patients with acute life-threatening problems. This will include but not be limited to the opportunity to develop special competence in such areas as cardiopulmonary resuscitation; stabilization for transport; trauma; triage; ventilatory, circulatory, and neurologic support; management of renal and hepatic failure, poisoning, and complicated hematological, infectious, and immune problems; continuous monitoring; and nutritional support. The residents should have some of their clinical experience in other critical care settings, such as with anesthesiologists, in a medical intensive care unit (ICU), in a neonatal ICU, and in a surgical ICU.

There must be emphasis on developing a compassionate understanding of critical illness and death, so that the resident may be responsive to the emotional needs of the patients, their families, and the critical care staff.

Interpretation of laboratory studies essential to the care of the critically ill pediatric patient must be included in the curriculum. The program must teach pharmacologic principles and provide opportunity for the subspecialty residents to apply them to the critically ill patient. Instruction in biomedical instrumentation must be offered to familiarize the resident with current technology. The curriculum should include instruction in collation and critical interpretation of patient care data. The resident in pediatric critical care medicine must function as a teacher and assume some administrative responsibilities. Though clinical training in pediatric critical care medicine must include direct patient care responsibilities, a graduated experience should propel the resident toward supervisory and teaching roles.

### II. Conferences/Basic Science

There should be opportunities to participate in regularly scheduled, multidisciplinary conferences such as sessions reviewing morbidity and mortality, case conferences, journal review, and research conferences.

The training program must include instruction in (or other educational exposure to) related basic sciences, including pathology, physiology, microbiology, nutrition/metabolism, biomedical instrumentation, and biostatistics.

### III. Faculty

Appropriate consultant and collaborating faculty in related disciplines must be available at the facility housing the residency program. This must include specialists in the various pediatric subspecialties and surgeons having special expertise with pediatric patients. The faculty must also include specialists in cardiovascular surgery, neurosurgery, radiology, anesthesiology, orthopedics, otolaryngology, neurology, psychiatry, nephrology, pathology, social ser-

vices, and nursing who have sufficient experience with pediatric patients to qualify them to play a part in the residents' education.

Essential physician staff for the training program are

1. At least two pediatric intensivists, to provide adequate supervision of residents and to ensure the educational and research quality of the program
2. A pediatric cardiologist as a consultant and teacher who must be certified by the appropriate subspecialty board or have equivalent credentials
3. A pediatric pulmonologist as a consultant and teacher who must be certified by the appropriate subspecialty committee or have equivalent credentials
4. A neonatologist as a consultant and teacher who must be certified by the appropriate subspecialty board or have equivalent credentials
5. An anesthesiologist with pediatric expertise as a consultant and teacher; there should be in-house, 24-hour anesthesiology coverage
6. A pediatric infectious disease specialist

All of the members of the physician teaching staff should be currently certified by the appropriate specialty board and should be certified by the relevant subboard of the American Board of Pediatrics, where appropriate. Where this is not the case, evidence of suitable equivalent qualifications must be provided. The Residency Review Committee will determine the acceptability of equivalent qualifications.

The following other staff are essential to the program to contribute to the resident's understanding of the broad impact of pediatric intensive care:

1. A respiratory therapy staff adequate to meet the clinical needs of patients and the educational needs of the resident in pediatric critical care
2. A skilled nursing staff capable of providing pediatric intensive care to the patients and contributing to the resident's understanding of the bedside nursing procedures involved in caring for these patients
3. Pediatric social workers and support staff to meet the needs of ICU patient and their families

The following staff are recommended

1. A bioengineer
2. A statistician and/or epidemiologist
3. An ethicist

#### IV. Patient Population

An adequate number of pediatric ICU patients must be available for the subspecialty resident in pediatric critical care to acquire competence in the management of critically ill infants, children, adolescents, and young adults, including preoperative and postoperative care of the surgical patient. In the case of a patient on the surgical service, the pediatric resident should collaboratively participate with the surgeon who is managing the care of the patient. To meet the educational objectives of the program, the average daily census in the ICU should be at least four patients per resident assigned to the pediatric critical care service.

The number of patients requiring mechanical ventilation must be sufficient to provide each resident with the opportunity to become skilled in their management. There must be available to the teaching program an adequate number of patients in the pediatric age groups requiring major surgery, including cardiac and neurosurgery, to ensure that the subspecialty resident participates in the intensive care of these patients.

#### V. Facilities

- A. Facilities and equipment must meet the generally accepted standards of modern intensive care units and must be available within the institution on a 24-hour-a-day basis. These include but are not limited to
1. Microchemistry laboratory
  2. Blood gas laboratory
  3. Hematology laboratory
  4. Blood bank
  5. Diagnostic bacteriology and virology laboratories
  6. Radiology facilities with portable capabilities for bedside use
  7. Facilities for special radiographic imaging including computerized axial tomography and radionuclide scanning
  8. Electrocardiographic laboratory with portable capabilities for bedside use
  9. Echocardiography laboratory with portable facilities
  10. Electrocardiographic laboratory with portable capabilities for bedside use
  11. Cardiac catheterization facility
- B. In addition to these essential diagnostic and support facilities, the following are considered highly desirable and should be available:
1. Clinical toxicology laboratory
  2. Laboratory that can screen for inborn errors of metabolism

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### Program Requirements for Residency Education in Pediatric Endocrinology

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must comply with the following requirements, which may in some cases exceed the common requirements.

#### I. Scope of Training

The purpose of the training program must be to provide the residents with the background to diagnose and manage endocrine diseases and to understand the physiology of hormonal regulation in childhood, adolescence, and young adulthood.

The program must emphasize fundamentals of clinical diagnosis with special emphasis on history taking and physical examination. An opportunity must be available for the residents to learn about the pertinent aspects of genetics. Particular emphasis should be placed on the areas of counseling and biochemical genetics, cytogenetics, and their phenotypic expression.

#### II. Patient Population

Adequate numbers of patients, representing a wide variety and complexity of endocrine disorders and ranging in age from newborn to young adult, must be available to the training program. It is important that residents have a continuing responsibility for the care of patients in the outpatient clinic throughout their training.

The clinical experience must involve patients in but not limited to the following categories:

1. Short stature, including constitutional delay
2. Disorders of anterior pituitary hormone physiology, including growth hormone deficiency
3. Disorders of posterior pituitary hormone physiology, including diabetes insipidus
4. Disorders of hypothalamic regulation of hormonal secretion
5. Disorders of thyroid hormone physiology; secretion and synthesis
6. Diagnosis and management of thyroid nodules and neoplasms

7. Disorders of the adrenal gland physiology; secretion and metabolism
8. Disorders of androgen and estrogen metabolism
9. Disorders of sexual differentiation and development
10. Disorders of calcium, phosphorus, and vitamin D metabolism
11. Disorders of parathyroid gland physiology
12. Disorders of fluid and electrolyte metabolism
13. Disorders of carbohydrate metabolism, including diabetes mellitus and hypoglycemia

It is particularly important that the resident have continuing responsibility for care of patients with diabetes mellitus and other chronic endocrine disorders. The clinical program must provide sufficient experience in the management of outpatients with diabetes mellitus as well as experience with the hospitalized diabetic. The residents must be involved in the care of adolescents to gain knowledge of normal and abnormal pubertal and hormonal alterations occurring during this phase of life. The residents must be involved in an endocrine clinic that meets at least weekly.

### III. Laboratory Experience

The residents must be exposed to the proper use of laboratory techniques for measurement of hormones in body fluids; particular emphasis should be placed on recognition of the limitations and pitfalls of interpretation of laboratory results. They should be instructed in the normal variations that occur in laboratory data at different ages. Formal rotations through such laboratories should be included. Residents should be provided with a background that will enable them to utilize current diagnostic procedures of endocrinology involving radiology and nuclear medicine.

### IV. Basic Science/Conferences

The training program must include instruction in related basic sciences. These include (1) endocrine physiology and biochemistry; (2) embryology of endocrine and related systems with emphasis on sexual differentiation; (3) genetics, including laboratory methods, cytogenetics, and enzymology; and (4) aspects of immunology pertinent to understanding endocrine disease and the use of immunoassays.

In addition, regular conferences reviewing patient management must be scheduled with required attendance.

### V. Teaching Staff

Appropriate consultant faculty and staff must be available to provide the resident with a defined educational experience in related disciplines, including surgery, obstetrics/gynecology, internal medicine, psychiatry, neurology, radiology, nuclear medicine, genetics, pathology, nutrition, psychosocial support, and diabetes education.

### VI. Facilities and Support Services

Facilities should include (1) space in an ambulatory setting for optimal evaluation and care of patients and (2) an inpatient area with a full array of pediatric and related services staffed by pediatric residents and faculty. Full support services must include radiology, laboratory, nuclear medicine, pathology, nutrition, and social services.

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## Program Requirements for Residency Education in Pediatric Gastroenterology

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must comply with the following requirements, which may in some cases exceed the common requirements.

### I. Introduction

The principal goal of a training program should be the development of competent subspecialists. The program must provide the resident in gastroenterology with the background and experience to diagnose and manage patients with acute and chronic diseases of the digestive system (esophagus, stomach, intestines, liver, and pancreas), including those that are life-threatening, and to conduct research in this specialized field. The resident must be guided in developing clinical judgment and skills and in acquiring medical knowledge, humanistic qualities, and professional attitudes and behaviors that are appropriate for the pediatric gastroenterologist.

### II. Duration and Scope of Training

#### A. Length of Training

A period of 2 years of progressive educational experience is required, which includes the development of procedural skills, responsibility for patient care, and participation in research.

Any program that extends training beyond the minimum requirements must present a clear educational rationale consonant with the program requirements and objectives for residency training. The program director must obtain approval of the Residency Review Committee prior to implementation and at each subsequent review of the program. Prior to entry into the program, each resident must be notified in writing of the required length of training.

The educational program must be organized and conducted in a way that ensures an appropriate environment for the well-being and care of the patients and their families.

#### B. Breadth of Experience

The program must emphasize developmental gastrointestinal physiology in infants, children, adolescents, and young adults and the correlation of pathophysiology with clinical disorders to develop the residents' competence in the clinical diagnosis and medical management of patients with these disorders. There must be training in the selection, performance, and evaluation of procedures necessary for morphological, physiological, immunological, microbiological, and psychosocial assessment of gastrointestinal diseases.

Residents must have clinical experience in the use of a variety of diagnostic tests and therapeutic procedures, eg, the use of imaging techniques such as computed tomography and magnetic resonance imaging, as well as conventional x-rays (contrast studies), ultrasound and hepatobiliary scans, tests of digestive system function, and assessment of nutritional status and pancreatic function.

#### C. Procedures

Residents must receive training in the following procedures:

- Colonoscopy
- Diagnostic upper panendoscopy
- Establishment and maintenance of patients with enteral and parenteral nutrition (include nutritional assessment)
- Flexible and rigid sigmoidoscopy
- Paracentesis
- Percutaneous liver biopsy
- Rectal biopsy
- Small bowel biopsy

In addition, residents should have training in the following:

- Anorectal manometry
- Breath hydrogen analysis
- Dilatation of esophagus
- Endoscopic retrograde cholangiopancreatography (ERCP)
- Therapeutic upper panendoscopy (sclerosis of esophageal varices)
- Colonoscopy with polypectomy
- Esophageal manometry

- Pancreatic stimulation test
- Esophageal pH monitoring
- Placement of percutaneous gastrostomy

The program must have formal mechanisms for monitoring each resident's development of skills in the performance of these procedures and for including this in the regular evaluations.

#### **D. Didactic and Laboratory Experience**

The program should offer instruction, through courses, workshops, seminars, and laboratory experience, to provide an appropriate background for residents in the basic and fundamental disciplines related to the digestive system, such as embryology, physiology, pharmacology, nutrition, pathology, biochemistry, molecular biology, immunopathology, and genetics. Training in the evaluation of the psychosocial aspects of chronic gastrointestinal disease as they affect the child and competence in counseling chronically ill patients and their families should be components of the training program. Health education, biomedical ethics, and preventive measures for digestive disease also should be emphasized.

#### **E. Administrative Experience**

The residents must receive instruction and experience in the operational aspects of a pediatric gastroenterology facility, eg, staffing needs, unit management, and planning for program development.

### **III. Patient Population**

The clinical component must involve broadly based experience with an appropriate range of pediatric patients having gastrointestinal problems. The patient population available to the program must have sufficiently varied and complex diseases and a volume sufficiently great to ensure that the residents have the opportunity to become clinically competent in the management of common as well as uncommon gastrointestinal, hepatobiliary, and pancreatic diseases in patients ranging from infancy through young adulthood.

Residents must have ongoing responsibility for the continuing care of patients with chronic gastrointestinal problems and must have sufficient opportunities to provide consultation on a wide variety of patients to become familiar with the gastrointestinal manifestations of a broad spectrum of pediatric illnesses.

This clinical experience must involve the management of patients with gastrointestinal disorders, including but not limited to the following categories:

#### **A. Signs and Symptoms**

1. Vomiting (including gastroesophageal reflux)
2. Acute and chronic abdominal pain
3. Acute and chronic diarrhea
4. Constipation (including Hirschsprung's disease)
5. Gastrointestinal bleeding

#### **B. Diseases/Disorders**

1. Growth failure and malnutrition (including an understanding of nutritional assessment and parenteral nutrition)
2. Malabsorption (celiac disease, cystic fibrosis, pancreatic insufficiency, etc)
3. Gastrointestinal allergy
4. Peptic ulcer disease
5. Jaundice
6. Liver failure (including evaluation and follow-up care of the patient requiring liver transplantation)
7. Digestive tract anomalies
8. Chronic inflammatory bowel disease
9. Functional bowel disorders
10. Evolution of gastrointestinal problems in the immune-compromised host

11. Other gastrointestinal disorders, such as gastrointestinal infections, motility disorders, infectious and metabolic liver diseases, and pancreatitis

### **IV. Facilities and Support Services**

The following must be available to the program:

- A. Space in an ambulatory setting for optimal evaluation and care of outpatients
- B. An inpatient area with a full array of pediatric and related services (including surgery and psychiatry) staffed by pediatric residents and faculty
- C. Full support services, including radiology, laboratory, nuclear medicine, pathology and nutrition
- D. Pediatric intensive care unit
- E. Neonatal intensive care unit
- F. Access to gastrointestinal function laboratory capable of measuring intestinal absorptive function, esophageal physiology pancreatic function, and nutritional parameters in pediatric patients
- G. Flexible endoscopy facilities

### **V. Faculty**

#### **A. Specialty Consultants**

In addition to the minimum of two pediatric gastroenterologists (see Program Requirements for Residency Education in the Subspecialties of Pediatrics), consultant and collaborative faculty in the following related pediatric disciplines must be readily available to the program: neonatology, hematology, immunology, genetics, and infectious disease, as well as specialists in pediatric surgery, pediatric anesthesiology, pediatric pathology, pediatric radiology, and child psychiatry and/or psychology.

#### **B. Other Personnel**

A nutritionist or registered dietician with special skills in pediatrics must be available. Also, a nurse specialist or physician extender in pediatric gastroenterology should be available to the program.

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## **Program Requirements for Residency Education in Pediatric Hematology/Oncology**

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must also comply with the following requirements, which may in some cases exceed the common requirements.

### **I. Scope of Training**

A program in pediatric hematology/oncology must provide the educational environment for the resident to develop an understanding of the pathophysiology of pediatric hematologic and oncologic disorders and to develop competence in the clinical diagnosis and management of these disorders. There must be training in the selection, performance, and evaluation of procedures necessary for appropriate assessment of these disorders.

The program must emphasize the fundamentals of clinical diagnosis, with special emphasis on history taking and physical examination, and must provide sufficient clinical experience with both inpatients and outpatients having hematologic and oncologic disorders to allow residents to develop skill in diagnosing and managing both common and unusual problems.

The clinical experience must involve patients who have a broad variety of hematologic-oncologic problems, and should include but not be limited to the following categories:

1. Leukemias, both acute and chronic
2. Solid tumors of organs, soft tissue, bone, and central nervous system
3. Lymphomas
4. Bone marrow failure
5. Hemoglobinopathies, including the thalassemia syndromes
6. Inherited and acquired disorders of the red-cell membrane and of red-cell metabolism
7. Autoimmune hemolytic anemia
8. Nutritional anemia
9. Inherited and acquired disorders of white blood cells
10. Platelet disorders, including ITP and acquired and inherited platelet function defects
11. Hemophilia, von Willebrand's disease, and other inherited and acquired coagulopathies
12. Hematologic disorders of the newborn
13. Transfusion medicine and use of blood products
14. Congenital and acquired immunodeficiencies

The resident must also have experience with bone marrow transplantation and its complications, including graft versus host disease.

The resident must become familiar with all aspects of chemotherapy, surgical therapy, and radiotherapy, including treatment protocols and management of complications, diagnosis and treatment of infections in the compromised host, appropriate use of transfusion of the various blood components, plasmapheresis, and bone marrow transplantation. The program should provide the resident with experience as a member of a multidisciplinary team for patients with cancer and chronic life-threatening hematologic disorders.

The resident should be instructed in the methods of physiologic support of the cancer patient, including parenteral nutrition, control of nausea, and management of pain. The pediatric oncology component of the program must include education in the staging and classification of tumors, the application of multimodal therapy, how to function as a member of the oncology team, the epidemiology and etiology of childhood cancer, how to make appropriate observations, and how to keep accurate patient data.

The resident should participate in the activities of the tumor board and in the provision of comprehensive care to the child with cancer and should have experience in support of the patient, family, and staff in dealing with terminal illness. Residents should be guided in the development of skills in communication and counseling.

## II. Patient Population

Adequate numbers of patients with hematologic and oncologic disorders, ranging in age from newborn through young adult, must be available to the training program. Residents must have continuing responsibility for the care of patients with malignant disease and chronic hematologic problems. A program having fewer than 40 teaching patients with newly diagnosed oncologic disease each year must specifically demonstrate that it is able to provide the breadth of experience required for a training program. There should be opportunity for the residents to provide consultation for a sufficient variety of patients to become familiar with the hematologic manifestations of a broad spectrum of pediatric illnesses.

## III. Laboratory Experience and Related Services

The residents must be exposed to the proper use of laboratory techniques for diagnosis. There should be particular emphasis on recognition of the limitations of the various methods and the pitfalls in interpretation of laboratory results. Residents should be instructed

in the normal variations in laboratory data that occur at different ages and the influence of medications, toxins, and systemic disease on hematologic values.

The residents should be provided with a background that will enable them to utilize the current diagnostic procedures of hematology and oncology. These include (a) the performance and interpretation of bone marrow aspiration and biopsy, (b) lumbar puncture with evaluation of cerebrospinal fluid, (c) microscopic interpretation of peripheral blood films, and (d) interpretation of all hematologic laboratory diagnostic tests. Appropriate educational experiences in the laboratories, including blood bank and tissue pathology, should be included.

The principal training institution should have available the diagnostic services of radiology, nuclear medicine, computerized tomography, sonography, angiography, clinical chemistry, microbiology, immunology, and genetics.

## IV. Basic Sciences/Conferences

The training program should provide instruction in the related basic sciences, including the structure and function of hemoglobin and iron metabolism, the phagocytic system, splenic function, cell kinetics, immunology, coagulation, genetics, the principles of radiation therapy, the characteristics of malignant cells, tissue typing, blood groups, pharmacology of chemotherapeutic agents, microbiology and anti-infective agents in the compromised host, and nutrition.

## V. Teaching Staff

At least three pediatric hematologists/oncologists must be based at the primary teaching site and must devote sufficient time to the program to ensure adequate teaching and to provide critical evaluation of the progress and competence of the residents. Appropriate consultant faculty must be available to provide the resident with a definitive educational experience in related disciplines, including pediatric surgery and surgical specialties, radiation oncology, diagnostic radiology, gynecology, infectious disease, pathology, psychiatry, clinical psychology, immunology, cardiology, neurology, endocrinology, gastroenterology, genetics, nutrition, pain control, and physical medicine and rehabilitation.

## VI. Facilities

Space in an ambulatory setting must be provided for optimal evaluation and care of patients, including facilities for outpatient chemotherapy and transfusions. An inpatient area with full array of pediatric and related services staffed by pediatric residents and faculty must also be present. Full support must include radiology, laboratory, pathology, intensive care, respiratory therapy, physical therapy, nutrition, social services, psychiatry, and psychology.

The program must also have access to specialized laboratories capable of assaying red-cell enzymes, identifying unusual hemoglobins, performing human lymphocyte antigen typing, immunophenotyping of leukemic blast cells, cytogenetic analysis, and identifying complex congenital and/or acquired hemostatic abnormalities.

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## Program Requirements for Residency Education in Pediatric Nephrology

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must comply with the following requirements, which may in some cases exceed the common requirements.

## I. Scope of Training

The purpose of the training program is to provide residents with the capability and experience to diagnose and manage renal diseases and to understand the physiology of fluid and electrolyte regulation.

The training program must be designed to develop the physician's competence in the clinical diagnosis, pathophysiology, and medical treatment of disorders of the kidneys; urologic abnormalities; hypertension; and disorders of body fluid physiology in newborns, infants, children, adolescents, and young adults. Longitudinal experience must be provided in the therapy of acute renal failure and end-stage renal disease, including hemodialysis, continuous arteriovenous hemofiltration, peritoneal dialysis, and renal transplantation. Training and experience in the selection, performance, and evaluation of procedures, including renal biopsy, necessary for morphologic and physiologic assessment of renal disease must be included.

There also should be training in the evaluation of psychosocial aspects of life-threatening and chronic diseases as they affect the patient and the family, and in counseling both acutely and chronically ill patients and their families.

The resident also should be provided with instruction and experience in the operational aspects of a pediatric nephrology service, including the dialysis facility. Knowledge of staffing needs, unit management, preparation of grants and proposals, quality assurance programs, appropriate communication with referring physicians, and planning for program development should be acquired during the training.

## II. Patient Population

Adequate numbers of patients with a wide variety and complexity of renal disorders must be available to the training program. It is important that residents have a continuing responsibility for the care of outpatients throughout their training.

The clinical experience must involve but not be limited to patients in the following categories:

1. Congenital anomalies of the genitourinary tract
2. Hypertension
3. Renal disorders in systemic disease
4. Renal infections
5. Acute renal failure
6. Chronic renal failure
7. Renal transplantation
8. Neoplasms of the kidney
9. Fluid and electrolyte disorders
10. Acute and chronic glomerular diseases
11. Renal tubular disorders
12. Nephrolithiasis

## III. Basic Science/Conference

The program must offer instruction through courses, workshops, seminars and laboratory experience to provide appropriate background for residents in diagnostic techniques and in the basic and fundamental disciplines related to the kidney. These should include embryology, physiology, pharmacology, pathology, immunopathology, genetics, biochemistry, cell biology, molecular biology, parenteral nutrition, magnetic resonance imaging, computed tomography, ultrasound, and nuclear medicine.

## IV. Teaching Staff

Appropriate consultant faculty must be available to provide the resident with a definitive educational experience in related disciplines, including but not limited to urology, surgery, pathology, radiology, immunology, infectious disease, neonatology, hematology-oncology, and organ transplantation.

## V. Facilities and Support Services

The facilities available must be sufficient to provide continuing contact with patients in both inpatient and outpatient settings. Transplantation and dialysis are essential components of the program.

In addition, certain ancillary support services and facilities must be available. These include urology, radiology, pathology, psychiatry and/or psychology, nuclear medicine, clinical laboratory, nutritional support services, nursing services, and social services.

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## Program Requirements for Residency Education in Pediatric Pulmonology

In addition to complying with the Program Requirements for Residency Education in the Subspecialties of Pediatrics, programs must comply with the following requirements, which may in some cases exceed the common requirements.

### I. Scope of Training

The purpose of the training program is to provide the resident with the background to diagnose and manage pediatric patients with acute and chronic respiratory disorders, including those that are life-threatening, and to prepare the resident to conduct research in this special field. The program should emphasize normal pulmonary physiology in pediatric patients and correlation of pathophysiology with clinical disorders. It must require research and provide opportunity for the development of teaching skills on the part of the residents. This educational program must be organized and conducted in a way that ensures an appropriate environment for the well-being and care of the patients and their families.

The training program must be designed to develop the physician's competence in the clinical diagnosis, pathophysiology, and medical treatment of respiratory disorders in infants, children, adolescents, and young adults. There must be training in the selection, performance, and evaluation of procedures necessary for morphologic and physiologic assessment of pulmonary diseases.

The clinical component must be broadly based, with experience in a variety of pediatric pulmonary problems. The patient population must be sufficiently varied and frequently encountered to ensure that the pediatric pulmonology resident has the opportunity to become clinically competent in its management.

Clinical experience in the interpretation of a variety of diagnostic tests and the performance of therapeutic procedures must be available to the resident. Examples are the interpretation of new imaging techniques in relation to conventional x-rays and lung scans, tests of pulmonary function, evaluation of host defense mechanisms, and assessment of nonrespiratory functions of the lungs. The resident must have the opportunity to become proficient in bronchoscopy, thoracentesis, and physical and respiratory therapy. Training must include experience in respiratory intensive care procedures, eg, tracheal intubation, mechanical ventilation, cardiopulmonary resuscitation, and must provide the opportunity for residents to develop an understanding of how a patient's critical respiratory problems affect other critical organ systems.

The program must offer instruction through courses, workshops, seminars, and laboratory experience to provide an appropriate experience for residents in the basic and fundamental disciplines related to the lung, such as embryology, physiology, pharmacology, pathology, allergy and immunology, immunopathology, and genetics. Training must be provided in the evaluation of the psychosocial aspects of chronic pulmonary disease as they affect the pediatric patient and his or her family. Opportunity also must be provided for

residents to develop competence in counseling chronically ill patients and their families. Health education and preventive measures related to pulmonary disease also should be emphasized.

The resident in pediatric pulmonology should be exposed to formal sessions on organizing teaching programs, on medical writing, and on oral presentation. The resident must have the opportunity to develop teaching skills by conducting lectures, seminars, and clinical conferences and by preparing written reports and teaching material. These efforts must be reviewed and evaluated by the supervising faculty.

The resident must be provided with instruction and experience in operational aspects of a pediatric pulmonology facility. Knowledge of staffing needs, unit management, grant proposals, and planning for program development must be acquired.

## II. Patient Population and Facilities

### A. Patient Population

An adequate number and variety of patients with pulmonary disorders, who range in age from newborn through young adulthood, must be available. It is particularly important that residents have continuing responsibility for the care of patients with chronic pulmonary problems. There should be sufficient opportunity for the resident to provide consultation on a variety of patients to become familiar with the pulmonary manifestations of a broad spectrum of pediatric illnesses.

The clinical experience must involve patients having a broad variety of pediatric pulmonary problems, including but not limited to the following categories:

1. Asthma and allergic disorders affecting the pulmonary system
2. Bronchopulmonary dysplasia
3. Cystic fibrosis
4. Lower respiratory tract infections
5. Newborn respiratory diseases
6. Pulmonary intensive care of infants and children
7. Disorders of control of breathing, eg, apnea
8. Airway appliances and chronic ventilatory assistance
9. Aspiration syndromes
10. Anomalies of the respiratory system
11. Chronic suppurative lung disease
12. Evolution of pulmonary problems in the compromised airway
13. Other respiratory diseases, such as collagen vascular disease, hemosiderosis, fibrosing alveolitis, and acute lung injuries
14. Multiple trauma, to include carbon monoxide poisoning, respiratory distress associated with head trauma, and rib fracture

### B. Facilities Must Include:

1. Space in an ambulatory setting for optimal evaluation and care of patients
2. An inpatient area with full pediatric and related services staffed by pediatric residents and faculty
3. Full support services, including radiology, laboratory, nuclear medicine, and pathology
4. Pediatric intensive care unit
5. Neonatal intensive care unit
6. Pediatric pulmonary function laboratory capable of measuring lung volumes, including body plethysmography, flows, gas exchange, and bronchoprovocation studies
7. Invasive and noninvasive pediatric cardiac laboratories
8. An inpatient unit capable of meeting the needs of young adults with cystic fibrosis, including consultative evaluation by internists where appropriate
9. Flexible bronchoscopy capability
10. Adequate resources for research, including statistical consultation, laboratory space, and computer services

## III. Faculty

In addition to the program director, there must be at least one other similarly qualified faculty member in pediatric pulmonology to ensure continuity of the educational program and to provide adequate supervision of the residents and the required academic and research components of their training.

Consultant faculty in related disciplines must also be available at the institution where the training takes place. These must include faculty with special expertise in the following areas:

1. Pediatric cardiology
2. Pediatric critical care
3. Neonatology
4. Pediatric surgery
5. Allergy/immunology
6. Pediatric otolaryngology
7. Pediatric infectious disease
8. Pediatric radiology
9. Pediatric anesthesiology
10. Pediatric pathology

These essential members of the teaching staff should be certified by the appropriate subboard of the American Board of Pediatrics or must possess suitable equivalent qualifications. The Residency Review Committee will determine the acceptability of such equivalent qualifications. In addition, consultants should be available in the following areas:

1. Genetics
2. Pediatric gastroenterology
3. Pediatric neurology
4. Developmental pediatrics
5. Nutrition

## IV. Other Personnel

The following staff are essential:

1. A pediatric respiratory therapy staff sufficient to meet the clinical needs of patients and the teaching of parents and to contribute to the education of the resident
2. Nurses experienced in pediatric pulmonology
3. Pediatric social workers
4. Pediatric nutritionists

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## Program Requirements for Residency Education in Pediatrics Sports Medicine

### I. Introduction

In addition to complying with the requirements below, each program must comply with the Program Requirements for Residency Education in the Subspecialties of Pediatrics.

### II. Scope and Duration of Training

An educational program in sports medicine must be organized to provide a well-supervised experience at a level sufficient for the resident to acquire the competence of a physician with added qualifications in this field. It shall be 12 months in duration.

The practice of sports medicine is the application of the physician's knowledge, skills, and attitudes to those engaged in sports and exercise. Thus, the program must provide training in the development of the clinical competencies needed to diagnose and manage medical illnesses and injuries related to sports and exercise, for example, first-degree sprains, strains, and contusions, including ap-



appropriate referrals of, for example, fractures, dislocations, and third-degree sprains. Clinical experience must include injury prevention, preparticipation evaluation, management of acute and chronic illness or injury, and rehabilitation as applied to a broad spectrum of undifferentiated patients. There must be experience functioning as a team physician and in the promotion of physical fitness and wellness.

The program should emphasize physiology and biomechanics; principles of nutrition; pathology and pathophysiology of illness and injury; pharmacology; effects of therapeutic, performance-enhancing, and mood-altering drugs; psychological aspects of exercise, performance, and competition; ethical principles; and medical-legal aspects of exercise and sports.

### III. Teaching Staff

In addition to the program director, each program must have at least one other faculty member with similar qualifications who devotes a substantial portion of professional time to the training program.

The teaching staff must include orthopedic surgeons who are engaged in the operative management of sports injuries and other conditions and who are readily available to teach and provide consultation to the residents. Teaching staff from the disciplines of nutrition, pharmacology, pathology, exercise physiology, physical therapy, behavioral science, physical medicine and rehabilitation, and clinical imaging also should be available to assist in the educational program. Coaches and athletic trainers should also be included.

### IV. Facilities and Resources

The program must include the following:

#### A. Patient Population

A patient population, unlimited by age or gender and adequate in number and variety to meet the needs of the training program, must be available. The program director must ensure that residents are accorded meaningful patient responsibility with the supervision of a faculty member at all facilities and sites.

#### B. Sports Medicine Clinic

There must be an identifiable clinic that offers continuing care to patients who seek consultation regarding sports- or exercise-related health problems. Nonsurgical residents must be supervised by a physician who has qualifications in sports medicine and is certified by the American Board of Emergency Medicine, the American Board of Family Practice, the American Board of Internal Medicine, or the American Board of Pediatrics or who possesses suitable equivalent qualifications.

Adequate up-to-date diagnostic imaging and rehabilitation services must be readily available and accessible to clinic patients. Consultation in medical and surgical subspecialties, physical therapy, nursing, nutrition, and pharmacology must be available. The opportunity to render continuing care and to organize recommendations from other specialties and disciplines is mandatory and will require that medical records include information pertinent to the assessment and management of patients with health problems related to sports and exercise.

#### C. Sporting Events/Team Sports/Mass-Participation Events

The program must have access to sporting events, team sports, and mass-participation events during which the resident can have meaningful patient responsibility.

#### D. Acute-Care Facility

There must be an acute-care hospital, with a full range of services, associated with and in proximity to the sponsoring residency. This facility must be readily accessible to patients served by the program.

### V. Educational Program

The curriculum must provide the educational experiences necessary for the residents to achieve the cognitive knowledge, psychomotor skills, interpersonal skills, professional attitudes, and practical experience required of physicians in the care of patients with health problems related to sports and exercise.

Didactic as well as clinical learning opportunities must be provided as part of the required curriculum for all residents. Conferences or seminars/workshops in sports medicine should be specifically designed for the residents to augment the clinical experiences.

All educational activities must be adequately supervised, while allowing the resident to assume progressive responsibility for patient care. The clinical activities in sports medicine should represent a minimum of 50% of the time in the program. The remainder of the time should be spent in didactic, teaching and/or research activities, and the primary care or emergency medicine ambulatory facility.

Residents must spend 1/2 day per week maintaining their skills in their primary specialty.

Participation in the following must be required of all residents:

#### A. Preparticipation Evaluation of the Athlete

The program must ensure that all sports medicine residents are involved in the development and conduct of preparticipation examination programs.

#### B. Acute Care

The resident must have appropriate authority and responsibility to participate meaningfully in the medical care that is provided to acute-care patients (see Scope and Duration of Training, above). In addition, the program should arrange for residents to observe representative inpatient and outpatient operative orthopedic procedures.

#### C. Sports Medicine Clinic Experience

The resident must attend patients in a continuing, comprehensive manner, providing consultation for health problems related to sports and exercise. The resident shall spend at least 1 day per week for 10 months of the training period in this activity.

If patients are hospitalized, the resident should follow them during their inpatient stay and resume outpatient care following the hospitalization. Consultation with other physicians and professionals in other disciplines should be encouraged.

#### D. On-Site Sports Care

The resident should participate in planning and implementation of all aspects of medical care at various sporting events. The program must ensure that supervised sports medicine residents provide on-site care and management to participants in these events.

In addition, the resident must participate in the provision of comprehensive and continuing care to a sports team. Preferably, the experience should include several teams that engage in seasonal sports.

#### E. Mass-Participation Sports Events

The resident should participate in the planning and implementation of the provision of medical coverage for at least one mass-participation event. The program must ensure that its residents have experience that includes providing medical consultation, direct patient care, event planning, protection of participants, coordination with local emergency medical systems, and other medical aspects of those events.

## VI. Specific Knowledge and Skills

### A. Clinical

The program must provide educational experiences for the residents to develop clinical competence in the overall field of sports medicine.

The curriculum must include but not be limited to the following content and skill areas:

1. Anatomy, physiology, and biomechanics of exercise
2. Basic nutritional principles and their application to exercise
3. Psychological aspects of exercise, performance, and competition
4. Guidelines for evaluation prior to participation in exercise and sport
5. Physical conditioning requirements for various activities
6. Special considerations related to age, gender, and disability
7. Pathology and pathophysiology of illness and injury as it relates to exercise
8. Effects of disease, eg, diabetes, cardiac conditions, arthritis, on exercise and the use of exercise in the care of medical problems
9. Prevention, evaluation, management, and rehabilitation of injuries
10. Understanding pharmacology and effects of therapeutic, performance-enhancing, and mood-altering drugs
11. Promotion of physical fitness and healthy lifestyles
12. Functioning as a team physician
13. Ethical principles as applied to exercise and sports
14. Medical-legal aspects of exercise and sports
15. Environmental effects on exercise
16. Growth and development related to exercise

### B. Patient Education/Teaching

The program must provide the experiences necessary for the residents to develop and demonstrate competence in patient education regarding sports and exercise. They must have experience teaching others, eg, nurses, allied health personnel, medical students, residents, coaches, athletes, other professionals, and members of patients' families. There must also be relevant experience working in a community sports medicine network involving parents, coaches, certified athletic trainers, allied medical personnel, residents, and physicians.

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# Program Requirements for Residency Education in Physical Medicine and Rehabilitation

## I. Introduction

- A. An approved residency in physical medicine and rehabilitation must document that it provides an educational experience of such quality and excellence as to ensure that its graduates possess those competencies necessary to entry-level independent practice of this specialty. This must include knowledge about the diagnosis, etiology, treatment, prevention, and rehabilitation of those neuromusculoskeletal, cardiovascular, pulmonary, and other system disorders common to this specialty in patients of both sexes and all ages. The program must provide for the graduate to develop the attitudes and psychomotor skills required to:

1. Perform the general and specific psychiatric examination procedures and laboratory procedures such as electromyography and nerve conduction studies
2. Modify his or her history-taking technique to include data critical to the recognition of physical and psychosocial impairments that may create functional disabilities
3. Be able to make sound clinical judgments
4. Design rehabilitation strategies to minimize and prevent impairment and maximize functional independence with return of his or her patient to family and community

The program must provide the graduate with the ability to effectively coordinate a team of allied rehabilitation practitioners to the maximum benefit of his or her patient by:

1. Thorough understanding of each allied health professionals' role
2. The ability to write adequately detailed prescriptions for psychiatric treatment
3. The acquisition of management and leadership skills necessary to rehabilitation team leadership

Additionally, the program must provide the graduate with awareness of his or her own strengths and limitations and of the necessity for continued professional development. The program must provide for the resident with the means to develop the necessary written and verbal communication skills essential to the effective practice of psychiatry.

- B. The organization and philosophy of the residency program must make the resident aware that there are no shortcuts to clinical competence and no substitutes for hard individual study. The initiative and originality of all residents must be stimulated, their independence of mind promoted, and their critical appraisal of current literature encouraged.
- C. The director and teaching staff of a program must prepare and comply with written educational goals for the program.

### 1. Program Design

All educational components of a residency program should be related to program goals.

- a. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Physical Medicine and Rehabilitation as part of the regular review process.
- b. Participation by any institution providing 6 months or more of training in a program of 3 or more years must be approved by the RRC.

### 2. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## II. Duration of Training

- A. A minimum of 4 years of graduate medical education, 3 years of which must be physical medicine and rehabilitation training, is necessary to train a physician contemplating specialization in this field.

One year of the training is to develop fundamental clinical skills. One year of the total training must consist of an accredited transitional year or include 6 months in family practice, internal medicine, pediatrics, general surgery, or a combination of these.

The other 6 months of this year may include any combination of the following specialties:

Anesthesiology, cardiology, critical care medicine, emergency medicine, family practice, general internal medicine, general surgery, nephrology, neurology, neurosurgery, oncology, orthopedic

surgery, pediatrics, psychiatry, pulmonary medicine, radiology, rheumatology, urology, and vascular medicine.

Training in any of the specialties selected during this year must be for a period of at least 1 month. This training must take place within the first half of the total training.

- B. Programs can choose either to provide 3 years of physical medicine and rehabilitation training and appoint residents at the PG-2 level or to provide 4 years of training to include these fundamental clinical skills.
- C. A program of 3 years' duration is responsible for the 36 months of physical medicine and rehabilitation training and responsible for ensuring that residents appointed at the PG-2 level have achieved training in fundamental clinical skills. A program of 4 years' duration is responsible for the quality of the integrated educational experience for the entire 4 years and includes training in fundamental clinical skills.

### III. Administration and Organization

- A. Physical medicine and rehabilitation should be organized as a major specialty, operating as a service department to the broad fields of medicine and surgery.
- B. To provide complete training, it is necessary to have beds assigned, preferably in one area and conveniently located geographically to facilitate the physical medicine and rehabilitation mission and training. A minimum census of eight physical medicine and rehabilitation inpatients should be available for each resident assigned to an inpatient service.
- C. The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.
- D. Program Director  
There must be a single program director responsible for the program.

1. Qualifications of the program director include:

- a. The professional ability, enthusiasm, and sense of responsibility to ensure the quality of the educational program. The director must have the authority and time needed to fulfill administrative and teaching responsibilities to achieve the educational goals of the program and to participate with other institutional program directors in maintaining the quality of all programs.
- b. Adequate time commitment and tenure of office. Many institutions have found that a full-time program director is desirable. If the program director is not full-time, then he or she must have adequate time available without other conflicting responsibilities. To maintain program continuity, he or she should be assigned over a period of years to the program directorship.
- c. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- d. Certification by the American Board of Physical Medicine and Rehabilitation or suitable equivalent qualifications as a physiatrist, together with qualifications as a teacher, clinician, and administrator.
- e. Appointment in good standing to the medical staff of an institution participating in the program.
- f. Broad experience in teaching residents and a sufficient level of clinical experience and competence in management skills.

2. Responsibilities of the program director include:

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

- 1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
- 2. Communicate each evaluation to the resident in a timely manner.
- 3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
- 4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- f. The provision of a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- g. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- h. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- i. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.
- j. Notification of any major changes in the program. Changes of program director must be reported immediately to the RRC for review of approval status.

E. Teaching Staff

- 1. There must be a sufficient number of professional medical staff who are highly competent clinicians and motivated to teach residents. Ordinarily, they should be board-certified or

- qualified to apply for admission to the examination of the American Board of Physical Medicine and Rehabilitation and/or an appropriate professional society or board or should possess suitable equivalent qualifications.
2. These teachers must participate regularly and systematically in the training program and be readily available for consultations, especially when the resident is faced with a major therapeutic or diagnostic problem, a clinical emergency, or a crisis in patient care. Part-time faculty should have specific teaching responsibilities in which they engage with appropriate regularity. The teachers should be afforded an opportunity on a regular basis for advancing their educational methodology skills. As individuals who set examples for residents, they should make reasonable scholarly contributions, improve clinical care, participate in research, and/or contribute to the professional literature.
  3. To improve educational quality, a formal system should exist to identify special competencies and weaknesses of professional faculty, and attention should be paid to making teaching assignments within their realms of greatest competency. Serious efforts should be made where indicated to correct faculty weakness. Residents should have a formal mechanism for faculty and rotation evaluation that is regularly reviewed by the program chairman.
  4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
  5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
  6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.
- F. Professional staff in the disciplines of nursing, occupational therapy, orthotics and prosthetics, physical therapy, psychology, rehabilitation nursing, social work, speech-language pathology, audiology, and vocational counseling, who are competent in their fields and professionally certified by their respective professional organizations and who are willing and capable of contributing to the resident's education, should be integrated into both the didactic and clinical experience of the resident, whenever relevant. There should be evidence of coordination of the teaching roles of the allied health practitioners, and they, too, should be afforded regular opportunity for improving their educational skills.
- G. Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.
- H. There must be adequate equipment and space available to carry out a comprehensive training program in physical medicine and rehabilitation. Residents should gain familiarity with the safety, calibration, and maintenance, as well as the clinical use, of medical equipment common to the various therapy areas and laboratories. These include diathermies; ultrasound; radiant and conductive heat sources; other thermotherapy and hydrotherapy devices; ultraviolet; exercise equipment; canes, crutches, walkers, and other ambulatory aids; wheelchairs; special devices for the impaired driver; electrodiagnostic and electromyographic (EMG) equipment; cystometric equipment; urodynamic laboratory instruments; simple splinting apparatuses, and audiometric devices. The occupational therapy area must be adequately equipped to give the residents experience in activities of daily living and in the evaluation of and training in devices to improve skills in activities of daily living. Psychometric and vocational and social evaluation facilities and test instruments must be adequate to expose the resident to the broad spectrum of their prescription and their use and interpretation in the common practice of rehabilitation medicine. Rehabilitation facilities sponsoring or participating in residency training in physical medicine and rehabilitation should be accredited by the Joint Commission on Accreditation of Healthcare Organizations and/or the Commission on Accreditation of Rehabilitation Facilities. If the facility is not so accredited, reasons why accreditation was not sought or was denied must be explained.
- I. The residents must have the opportunity to observe and gain fundamental understanding of orthotics and prosthetics, including fitting and manufacturing, through documented arrangements made with appropriate orthotic-prosthetic facilities. All of the items listed in Section III.H should include equipment suitable for all age groups with special concern for availability of modified equipment for the pediatric or geriatric patient.
  - J. The residents should have the opportunity to observe and gain fundamental understanding of the types of patients served; referral patterns and services available in community rehabilitation facilities, including but not limited to nursing homes, sheltered workshops, and other vocational facilities; schools for the multiply handicapped, deaf, and blind; and independent living facilities for the severely physically impaired individual. On-site visits as well as lectures should be offered.
 

The residents should have the opportunity to observe and gain fundamental understanding of alternative delivery systems for rehabilitation care, including but not limited to day hospitals, rehabilitation nursing homes, and home health-care services. The residents should be exposed to these several types of delivery systems if available in the residency program hospital(s). If not available, then some introduction to these types of care should be made by on-site visits as well as didactic lectures.
  - K. The sponsoring institution should provide an adequate, available professional library with suitable basic textbooks and journals pertinent to general medicine and surgery and the specialty of physical medicine and rehabilitation. Loan capabilities with other main or lending libraries should be available. Also, there must be access to an on-site library or collection of appropriate texts and journals in each institution participating in the residency program. Library services should include the electronic retrieval of information from medical databases. On-site libraries and/or collections of texts and journals must be readily available during evening hours and weekends. Some scholarly experience that demands the use of library reference facilities should be a part of the residency program.
  - L. Basic teaching aids such as slide projectors, sound film units, videotape facilities, and the like should be available. Reasonable access to these areas on nights and weekends for residents and staff should be available.
  - M. Adequate office space should be available for the faculty and residents to participate both in clinical examinations of patients and in self-study.
  - N. Adequate space must be available and designated for seminars, lectures, and other teaching experiences, to include team conferences and specialty care clinics such as orthotics, prosthetics, children's handicaps, and the like.

#### IV. Educational Programs

A. The clinical care of patients is the heart of an adequate program because the chief objective of residency education is the development of clinical competence in its graduates. The attainment of this chief objective must not be attenuated by participation of the resident in other activities. Residency is an ongoing responsibility; activities outside the educational program must be monitored so as not to interfere with the resident's ability to perform in the educational process.

Physicians must have a keen sense of personal responsibility for continuing patient care and must recognize that their obligations to patients are not automatically discharged at any given time of the day or any particular day of the week. Duty hours and weekend call for residents reflect the concept of responsibility for patients and provide for adequate patient care. It is the responsibility of the program director, however, to ensure and monitor assignment of reasonable inpatient and outpatient duty hours for care to ensure that the resident is not subjected regularly to excessively difficult or unduly prolonged duties. It is also the program director's responsibility to have written guidelines that address these issues.

Residents at all levels, on the average, should have the opportunity to spend 1 full day out of 7 free of inpatient and outpatient care duties and, on the average, should be on night call no more often than every third night. The resident must be provided with adequate support, such as sleeping and food facilities, during duty hours.

B. Formal education should have a high priority. Residents must obtain adequate and supervised experience in administration, unit management, and teaching. Residents should have the opportunity to participate in structured, supervised research training. A program director may elect to offer a special research or academic track for selected residents. This may take the form of an elective or a research rotation. This inclusion of structured research training must not compromise the attainment of clinical competence.

C. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

D. Didactic instruction must be well organized, thoughtfully integrated, based on sound educational principles, and carried out on a regularly scheduled basis. In a progressive fashion, it must expose residents to topics appropriate to their level of training. Systematically organized formal instruction (prepared lectures, seminars, assigned reading, etc) must be an essential part of the

residency. Staff meetings, clinical case conferences, journal clubs, and lectures by visitors are desirable adjuncts but must not be used as a substitute for an organized didactic curriculum.

- E. The curriculum must include adequate and systematic training in the basic sciences relevant to physical medicine and rehabilitation such as anatomy, physiology, pathology, and pathophysiology of the neuromusculoskeletal, cardiovascular, and pulmonary systems; kinesiology; functional anatomy; physics; electronics; computer technology and instrumentation related to the field; physiologic responses to the various physical modalities and therapeutic exercises; and the procedures commonly employed by physiatry. This training should be correlated with clinical training but should, when appropriate, include the teaching services of basic scientists. An accessible anatomy laboratory for dissection and anatomy review is highly desirable.
- F. To ensure the stimulating educational atmosphere that a peer group provides, a minimum number of residents should be enrolled in a program at all times. It is impossible to exactly define how many residents are necessary to the "critical mass" needed to maintain vitality of a program; however, all programs should have residents in each year of training. In addition, each program should provide educational experiences that bring together all of the residents of the program at frequent and regular intervals. Failure to recruit any new residents for 2 consecutive years will result in RRC review and possible negative action.
- G. The clinical portion of the curriculum must include a sufficient variety, depth, and volume of clinical experiences.
- H. The training program must include a significant amount of time spent in responsibility for the direct clinical care of hospitalized patients as well as outpatients. Residents must devote at least one-third of their residency experience to work with hospitalized patients. It is undesirable for a program to devote more than two-thirds of a resident's time to the care of hospitalized patients.
- I. Clinical experiences should allow for progressive responsibility, with lesser degrees of supervision as the resident advances and demonstrates new competencies. Supervision must include faculty review of a clearly written patient history and physical examination and a meaningful continuous record of the patient's illness, background, and management strategies, as well as lucid presentations of the case summary.
- J. Provision must be made for the resident to review personally pertinent laboratory, biopsy, roentgenographic, and imaging materials for his or her patients and also to observe directly the various therapies in the treatment areas.
- K. The clinical curriculum must be planned to develop measurable competencies to aid in rehabilitation medicine in the following areas:
  1. History and physical examination pertinent to physical medicine and rehabilitation
  2. Assessment of neurological, musculoskeletal, and cardiovascular-pulmonary systems, to include evaluation of sensation, reflexes, muscle strength, muscle endurance, joint range of motion, functional capacities, gait analysis, mental status, peripheral vascular status, and heart and lung status
  3. Data gathering and interpreting of psychosocial and vocational factors
  4. Techniques for EMG, nerve conduction, and somatosensory evoked potential studies
  5. Prescriptions for orthotics, prosthetics, wheelchairs and ambulatory devices, special beds, and other assistive devices
  6. Prescriptions for and supervision of therapeutic modalities and testing performed by physical therapists, occupational therapists, speech therapists, psychologists, and vocational

counselors; use of applicable instruments, as well as the interpretation of results of those instruments

7. Evaluation of cardiopulmonary systems as related to the psychiatric responsibilities for cardiopulmonary rehabilitation
  8. Analysis of growth and development pertinent to the rehabilitation of children
  9. Collaboration with other medical professionals and members of the allied health team, including management techniques consistent with the resident's team leadership role
- L. The resident must have the opportunity to learn to diagnose, assess, and manage the conditions commonly encountered by the physiatrist to provide for the rehabilitation of at least the following:
1. Acute musculoskeletal pain syndromes
  2. Chronic pain management
  3. Congenital or acquired myopathies, neuropathies, and motor neuron and motor system diseases
  4. Head and other trauma and sports injuries
  5. Hereditary developmental and acquired central nervous system disorders, including cerebral palsy, stroke, myelomeningocele, multiple sclerosis
  6. Spinal cord trauma and diseases, including management of neurogenic bladder and bowel and decubitus ulcer prevention and treatment
  7. Amputations in patients of all ages
  8. Sexual disturbance common to the physically impaired
  9. Postfracture care
  10. Pulmonary and cardiac disorders commonly seen by physiatrists
  11. Diseases, impairments, and functional limitations common to the geriatric population
  12. Rheumatologic disorders treated by the physiatrist
  13. Medical conditions or complications commonly seen in the rehabilitation patient
- M. The resident should have a demonstrable, organized formal system for his or her evaluation with periodic review by faculty members, in-service examination, postrotation evaluation, and external examinations, such as those provided by the American Academy of Physical Medicine and Rehabilitation. The resident should be provided with regular formal counseling sessions and access to his or her evaluation folder. The resident's rights must be protected by due-process procedures. The resident should be aware of his or her and the institution's obligations and rights. The resident should possess a written agreement encompassing the following:
1. The educational experience to be provided, including the nature of assignments to other programs or institutions
  2. Resident responsibilities
  3. Stipend and/or compensation
  4. Vacation, professional leave, and sick leave
  5. Practice privileges and other activities outside the educational program
  6. Professional liability coverage and other insurance benefits
  7. Individual educational plans tailored to meet the resident's personal needs or career plans
  8. Guarantee of due process
- N. One measure of the quality of a program may be the performance of its residents on the examination of the American Board of Physical Medicine and Rehabilitation.

## V. Board Certification

All provisions of the institutional requirements must also be met for approval. Residents who plan to seek certification by the American Board of Physical Medicine and Rehabilitation should communicate

with the executive director of the board through their program directors to be certain regarding qualification for admission to the certifying examination.

ACGME: October 1989 Effective: July 1995

# Program Requirements for Residency Education in Plastic Surgery

## I. Introduction

### A. Definition of the Specialty

Training in the specialty of plastic surgery deals with the resection, repair, replacement, and reconstruction of defects of form and function of the integument and its underlying anatomic systems, including the craniofacial structures, the oropharynx, the trunk, the extremities, the breast, and the perineum. It includes aesthetic (cosmetic) surgery of structures with undesirable form. Special knowledge and skill in the design and transfer of flaps, in the transplantation of tissues, and in the replantation of structures are vital to these ends, as is skill in excisional surgery, in management of complex wounds, and in the use of alloplastic materials. Residency training in plastic surgery is designed to educate and train physicians broadly in the art and science of plastic and reconstructive surgery and to develop a competent and responsible plastic surgeon with high moral and ethical character capable of functioning as an independent surgeon. A variety of educational plans will produce the desired result.

### B. Scope of Training (Including Prerequisites)

1. All prerequisite residency training must be taken within programs accredited by the following organizations: the Accreditation Council for Graduate Medical Education (ACGME), the Royal College of Physicians and Surgeons of Canada, or the American Dental Association.
2. The curriculum for residency training in plastic surgery is 2 years. A program may be accredited for more than 2 years (such as in the integrated model or the independent model using a 3-year format) when it is demonstrated that there is a clear educational rationale, consonant with the Program Requirements for Plastic Surgery and the objectives for residency training, that cannot be met in a 2-year curriculum or when the program director has delineated a program with special goals that exceed those defined in the program requirements.
3. Training Models: the Residency Review Committee (RRC) for Plastic Surgery recognizes two training models, independent and integrated.
  - a. Independent Model
 

In the independent model of training, residents complete 2 or 3 years of concentrated plastic surgery training, with no less than 12 months of senior/chief responsibility, after successful completion of one of the following prerequisite curricula:

    1. A minimum of 3 years of clinical training with progressive responsibility in the same program in general surgery. Transitional year or rotating internships may not be used to fulfill this requirement.
    2. A complete neurological surgery, orthopaedic surgery, otolaryngology, or urology residency.
    3. Satisfactory completion of a residency program in oral and maxillofacial surgery approved by the American Dental

Association (ADA) is an alternate pathway for prerequisite training prior to a plastic surgery residency. This pathway is available only to those individuals holding a DMD/MD or DDS/MD degree. Training must also include a minimum of 24 months of progressive responsibility on surgical rotations under the direction of the general surgery program director after receipt of the MD degree. Rotations in general surgery during medical school, prior to receiving the MD degree, will not be considered as fulfilling any part of the 24-month minimum requirement.

b. Integrated Model

In the integrated model, residents complete 5 or 6 years of ACGME-accredited plastic surgery training following receipt of an MD or DO degree from an institution accredited by the Liaison Committee on Medical Education (LCME) or the American Osteopathic Association.

1. The integrated curriculum must contain no less than 5 years of clinical surgical training under the authority and direction of the plastic surgery program director.
2. Of these 5 or 6 years, no less than 24 months must be concentrated plastic surgery training with no less than 12 months of senior/chief responsibility on the clinical service of plastic surgery.
3. Additional clinical experiences appropriate to the training of a plastic surgeon should be provided in anesthesiology, burn management, critical care medicine, emergency medicine, cardiothoracic surgery, general surgery, neurological surgery, oncologic surgery, orthopaedic surgery, otolaryngology, pediatric surgery, trauma management, and vascular surgery.
4. Accreditation by the ACGME is required for all years of the training program.
5. The program director must obtain the approval of the sponsoring institution and the RRC for the length of training prior to implementation and at each subsequent review of the program.
6. Prior to entry into the program, each resident must be notified in writing of the required length of training. The required length of training for a particular resident may not be changed without mutual agreement during his or her program unless there is a break in his or her training or the resident requires remedial training. All such changes must have prior approval of the RRC.
7. Residents must complete the length of training for which they have enrolled (ie, although residents may transfer from one program to another, they may not change from one model of training to another without RRC prior approval).
8. Experience beyond the approved residency that may be required by the American Board of Plastic Surgery or other certifying body (eg, a period of time in independent practice) is not reviewed by the RRC.

## II. Institutional Organization

### A. Sponsoring Institutions

An educational program in plastic surgery must have one sponsoring institution within a single geographic location with primary responsibility for the entire program. Appropriate institutions include medical schools, hospitals, and medical foundations. The sponsoring institution must provide sufficient faculty, financial resources, and academic support to enable the program to comply with the requirements for accreditation. This support must include sufficient operating time to ensure adequate resident surgical experience.

### B. Participating Institutions

When there is a cooperative educational effort involving multiple institutions, the commitment of each institution to the program must be documented in an affiliation agreement that conforms to ACGME Institutional Requirements I.C.

1. Participating institutions include the sponsoring institution and other affiliated institutions approved by the RRC for clinical training.
2. Participating institutions must promote the educational goals of the program rather than simply enlarging the program, and they must not be added primarily for the purpose of meeting service needs.
3. Programs using multiple hospitals must ensure the provision of a unified educational experience for the residents. Affiliations that merely duplicate experiences otherwise available within the program are not acceptable.
4. Participating institutions that are geographically distant from the sponsoring institution are not desirable. These are acceptable only if they offer special resources, which are unavailable locally, that significantly augment the overall educational experience of the residents.
5. The number and distribution of participating institutions must not preclude the satisfactory participation of residents and faculty in conferences and other educational activities of the program.

### C. Appointment of Residents

1. The RRC will approve a total number of residents to be trained in the program by training year. The number will be based primarily upon the number, qualifications, and commitment of the faculty; the volume and variety of the patient population available for educational purposes; the totality of institutional resources committed to resident education; and the state of the program's compliance with the Institutional and Program Requirements at the time of the most recent accreditation review of the program.
2. Programs may not enroll more residents at any level of training than the number of residents approved by the RRC for that year of training, except when a resident's training is extended because the program director has determined the need for additional training to meet the minimum requirements for competency. In this circumstance, the program director must notify the RRC in writing of the decision to extend a resident's training. Otherwise, any increase (including temporary increases) in the number of residents at any level of training or increase in the total number of residents must receive prior approval of the RRC. Requests for changes in the approved resident complement of a program must include a strong educational rationale. Requests based primarily on service considerations will not be approved.
3. Vacancies
  - a. In an independent training model, a vacancy in resident complement, if filled, must be at the same level in which the vacancy occurs, unless otherwise approved by the RRC.
  - b. In an integrated training model, the program director may appoint a new resident at a level that overlaps that of another resident in the program, provided that (1) each appointment does not adversely affect the training experience of residents already in the program and (2) commencing at the time when the resident whose departure created the vacancy would have completed training, the average number of residents graduating yearly will not exceed the number approved by the RRC over the accredited length of the program.

## III. Faculty Qualifications and Responsibilities

The program director and the teaching staff are responsible for the general administration of a program, including those activities re-

lated to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program.

1. Qualifications of the program director include:
  - a. An experienced, clinically active, competent teacher, clinician, and administrator.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Plastic Surgery or suitable equivalent qualifications in plastic surgery, as determined by the RRC.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
  - e. Frequent changes in leadership or long periods of temporary leadership are undesirable and may adversely affect the accreditation status of the program.
2. Responsibilities of the program director include:
  - a. Familiarity with the current institutional requirements and program requirements approved by the ACGME. These requirements must be met for approval of a program.
  - b. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - c. Prompt notification of the executive secretary of the RRC in writing of any major change in the program that may significantly alter the educational experience for the residents, including:
    1. Changes in leadership of a section, division, or department of plastic surgery, such as appointment as a permanent or acting program director, section head, division head or chief, or department chairman.
    2. Changes in administrative structure that affect the status of the program/division or department of plastic surgery within the institution.
  - d. Obtaining prior approval of the RRC for the following changes in the program to determine if an adequate educational environment exists to support these changes. On review of a proposal for a major change in a program, the RRC may determine that a site visit is necessary.
    1. The addition or deletion of any participating institution to which residents rotate for 3 months or longer (including individual rotations of less than 3 months, which taken collectively total 3 months or longer)
    2. The addition or deletion of any rotation for 3 months or longer
    3. Any change in the approved resident complement of the program
    4. Any change in the length or format of the training program
  - e. Developing, maintaining, and communicating written guidelines specifically delineating the supervisory responsibilities of the faculty and attending staff in each hospital or facility utilized by the training program, to include promulgation of regular call schedules for the attending and resident staffs.
  - f. Ensuring that the educational environment, the volume and variety of patient population, and the concept of progressive surgical responsibility are scrupulously followed.

- g. Selecting residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- h. Selecting and supervising the teaching staff and other program personnel at each institution participating in the program.
- i. Annually collecting, compiling, and retaining records of the number and types of plastic surgery operative procedures performed in all institutions and facilities utilized in the clinical education of residents. This information must be provided as requested in the format and form specified by the RRC.
- j. Annually compiling a comprehensive record of the number and type of operative procedures performed by each resident completing the program. This record must include all of the procedures in which the plastic surgery resident was either surgeon or assistant during that year and must be signed by both the resident and the program director as a statement of its accuracy. This information must be provided as requested in the format and form specified by the RRC. These records must be maintained by the program director.
- k. Having documentation on file of the satisfactory completion of prerequisite training before the candidate begins plastic surgery training.
  1. Verifying the credentials of a transferring resident prior to accepting the resident into the program. Verification should include documentation of all rotations for which the transferring resident has been given credit by the previous program director. The program director who accepts a transferring resident should modify the individual's course of study as needed to ensure that the resident completes all training requirements prior to graduation.
  - m. Regularly evaluating the residents and the program, as noted in Section VI of these Program Requirements.
  - n. Advising resident applicants of the prerequisite requirements of the American Board of Plastic Surgery.
  - o. Implementing fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - p. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - q. Preparing an accurate statistical and narrative description of the program as requested by the RRC.

#### B. Number and Qualifications of Faculty

1. There must be sufficient numbers of qualified faculty and/or attending staff available at all times at each of the participating institutions to supervise and instruct residents to ensure optimal patient care and resident education.
2. The faculty of plastic surgeons must be certified by the American Board of Plastic Surgery or possess suitable equivalent qualifications in plastic surgery, as determined by the RRC.
3. The faculty and attending staff should possess qualifications that contribute to the training program, including high moral and ethical standards, and should demonstrate an appropriate commitment in time and energy to fulfill the teaching assignments.
4. There must be evidence of scholarly activity among the plastic surgery faculty. Such evidence should include a high order of teaching skills, participation in clinical and/or basic research, involvement in plastic surgery and/or other medical scientific organizations and their meetings, and publication in refereed journals, monographs, and books.



5. A member of the faculty of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
6. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
7. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the faculty, and the quality of supervision of residents.

### **C. Program Research and Scholarly Activity**

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
6. Provision of support for resident participation in scholarly activities.

### **D. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## **IV. Facilities and Resources**

### **A. Inpatient Facilities**

1. Although inpatient facilities may vary from one participating institution to another, the plastic surgery inpatient service should have an adequate number of beds, support personnel, and proper equipment to ensure quality patient care and education.
2. Operating suites as well as diagnostic and treatment facilities must contain technologically current equipment.

### **B. Outpatient Facilities**

Appropriately equipped outpatient facilities, including operating suites, clinics, and office space, must be available for resident participation in the regular preoperative evaluation, treatment, and postoperative follow-up of patients for whom the resident has responsibility.

### **C. Library Facilities**

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### **D. Other Facilities and Resources**

Within the participating institutions of the program, the following must be adequate and readily available:

1. Laboratory services
2. Diagnostic imaging
3. Medical library resources, including current texts and journals relevant to the practice of plastic surgery, that are accessible to residents on a 24-hour basis
4. Adequate space and resources for conferences, including appropriate audiovisual equipment
5. Data information systems sufficient to support research activities and enable the program to meet its record-keeping and data-reporting needs
6. Sufficient technical and clerical support personnel to meet the needs of the educational program

## **V. Educational Program**

### **A. Program Goals and Objectives**

The director and faculty of a program must prepare and comply with written educational goals for the program.

1. Program Design  
All educational components of a residency program should be related to program goals.
  - a. The program design and/or structure must be approved by the appropriate review committee as part of the regular review process.
  - b. Participation by an institution providing more than 3 months of training must be approved by the RRC.
2. Program Evaluation  
The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### **B. Clinical Components**

Knowledge of surgical design, surgical diagnosis, embryology, surgical and artistic anatomy, surgical physiology and pharmacology, wound healing, surgical pathology and microbiology, adjunctive oncological therapy, biomechanics, rehabilitation, and surgical instrumentation is fundamental to this specialty. The judgment and technical capability for achieving satisfactory surgical results are mandatory qualities for the plastic surgeon.

1. Specific training should be provided in the following areas:
  - a. Congenital defects of the head and neck, including clefts of the lip and palate, and craniofacial surgery
  - b. Neoplasms of the head and neck, including the oropharynx, and training in appropriate endoscopy
  - c. Craniomaxillofacial trauma, including fractures
  - d. Aesthetic (cosmetic) surgery of the head and neck, trunk, and extremities
  - e. Plastic surgery of the breast
  - f. Surgery of the hand/upper extremities

- g. Plastic surgery of the lower extremities
  - h. Plastic surgery of congenital and acquired defects of the trunk and genitalia
  - i. Burn management, acute and reconstructive
  - j. Microsurgical techniques applicable to plastic surgery
  - k. Reconstruction by tissue transfer, including flaps and grafts
  - l. Surgery of benign and malignant lesions of the skin and soft tissues
2. There must be a well-organized and well-supervised outpatient clinic. This clinic must operate in relation to an inpatient service used in the program.
    - a. Residents must have the opportunity to see patients, establish provisional diagnoses, and initiate preliminary plans prior to the patients' treatment.
    - b. An opportunity for follow-up care must be provided so that the results of surgical care may be evaluated by the responsible residents.
    - c. These activities must be carried out under appropriate faculty supervision. If residents participate in preoperative and postoperative care in a private office, the program director must ensure that the resident functions with an appropriate degree of responsibility with adequate supervision.
    - d. Adequate experience should be provided in office practice procedures and management.
  3. The institutions in the program must have an adequate number and variety of adult and pediatric surgical patients available for resident education. Experience in all 12 categories of surgical experience is important and must not be limited by excessive clinical responsibility in any one or several categories or by excessive nonclinical activities.
  4. Generally equivalent and adequate distribution of categories and cases among the residents must be demonstrated.
  5. Resident experience in patient management should demonstrate graduated and progressive responsibility.
  6. Senior plastic surgery residents may be expected to serve as intermediate supervisors when documented prior experience makes it appropriate, but they must always have supervision available from faculty or staff.

### C. Didactic Components

The scope of plastic surgery is so broad that a well-organized, comprehensive, and effective educational curriculum is necessary to ensure that all residents experience training in all the various areas of the specialty, including pertinent related basic science applications. The written curriculum should reflect careful planning of all years of the program, with evidence that the cyclical presentation of core specialty knowledge is being supplemented by the addition of current information, including practice management, ethics, and medical-legal topics as related to plastic surgery.

1. Conferences should be organized by the faculty and held to allow discussion of topics selected to broaden knowledge in the wide field of plastic surgery and to evaluate current information.
2. Conferences should embrace the scope of plastic surgery training as outlined in sections I.A and V.B.1.a-1 of these program requirements.
3. Teaching conferences must include basic science subjects, such as anatomy, physiology, pathology, embryology, radiation biology, genetics, microbiology, and pharmacology.
4. There should be regular, documented attendance of plastic surgery conferences by residents and staff. Residents on off-service rotations should attend the conferences of that rotation.
5. Periodic review of the morbidity and mortality experiences of the service must be documented.
6. Participation in and presentation of educational material at conferences is expected of residents. Adequate time for preparation

should be permitted, both to maximize the educational experience for the residents and to emphasize the importance of the experience.

### D. Resident Policies

1. Supervision
 

It is incumbent on the program director to ensure that there is adequate supervision for all resident patient care and educational activities.
2. Working Conditions and Environment
  - a. The program director must establish an environment that is optimal both for resident education and for patient care, while ensuring that undue stress and fatigue among residents are avoided. It is his or her responsibility to ensure assignment of appropriate in-hospital duty hours so that residents are not required to perform excessively difficult or prolonged duties regularly.
  - b. It is desirable that residents' work schedules be designed so that on average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night.
  - c. During these on-call hours, residents should be provided with adequate sleeping, lounge, and food facilities.
  - d. There must be adequate backup so that patient care is not jeopardized during or following assigned periods of duty.
  - e. Annual vacation time shall be additional time off.
  - f. Support services must be such that residents do not spend an inordinate amount of time in noneducational activities that can be discharged properly by other personnel.
  - g. Different rotations may require different working hours and patterns. A distinction must be made between on-call time in the hospital and on-call availability at home vis-a-vis actual hours worked. The ratio of hours worked and on-call time will vary, particularly at the senior levels, and therefore necessitates flexibility.
3. Residency training in plastic surgery is a full-time responsibility; activities outside the educational program must not interfere with the residents' performance in the educational process as determined by the program director and must not interfere with the residents' opportunities for rest, relaxation, and study.
4. Appointment of Individuals for Special Training
  - a. The appointment of other individuals for special training or education must not detract from the educational opportunities of the residents. The appointment of such individuals must be reported to the RRC.
  - b. Addition of such individuals by a program director and/or institution requires a clear statement of the areas of training, clinical responsibilities, duration of the training, and the impact of these individuals on the training of the residents, regardless of the level of training of the resident. This statement is to be supplied to the RRC at the time the program is reviewed.
  - c. If individuals so appointed, in the judgment of the RRC, detract from the education of the residents, the accreditation status of the program may be adversely affected.

### E. Other Required Components

1. Training must take place in an environment of inquiry and scholarship. Residents must be taught to understand and apply the scientific method to clinical medicine through scholarly activity. Residents should have genuine opportunities to engage in scholarly activities such as participation in ongoing clinical and/or basic research projects with which appropriate faculty are involved, preparation of reports for publication (eg, case reports, summaries of current scientific knowledge, or reviews of recent

developments in plastic surgery), and participation in scientific meetings.

2. Recognizing the comprehensive nature of the specialty of plastic surgery, there should be clinical resources for the education of plastic surgery residents in anesthesiology, burn management, emergency medicine, cardiothoracic surgery, general surgery, neurological surgery, orthopaedic surgery, otolaryngology, pediatric surgery, surgical critical care, surgical oncology, trauma management, and vascular surgery.

## VI. Evaluation

### A. Evaluation of Residents

Residents should be evaluated at the completion of each rotation by the faculty member who is responsible for the resident's supervision and training. The progress of each resident, including personal characteristics and ethics, knowledge, skills, and professional growth, must be evaluated by the program director in consultation with the faculty in a semiannual, written review using appropriate criteria and procedures. The semiannual review should accomplish the following:

1. The evaluations must document any efficiencies to be corrected prior to completion of the residency program.
2. The evaluations must be communicated in a timely manner to the individual resident in a confidential conference with the program director, with a discussion of remedial steps, if any. The review and comments should be signed by the resident and program director and be maintained on file by the program director for at least 5 years following the resident's completion of the program.
3. The record of evaluations for each resident must be maintained and must be accessible to the resident and other authorized personnel.
4. A final written evaluation for each resident who completes the program must be provided. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
5. There must be a written basis for annual advancement of a resident and written procedures for redress of grievances and for due process.

### B. Faculty Evaluation

1. At least annually, all individual faculty members must be formally evaluated by the program director as well as by the residents. A mechanism for sharing the results of such evaluations with the faculty that preserves resident confidentiality in the evaluation process must be employed.
2. The program should demonstrate that such evaluations are used in improving the program.

### C. Internal Evaluation

There should be provisions for annual internal evaluation of the educational, research, and clinical aspects of the program. Residents should participate in this evaluation. A written summary of these evaluations should be made available at the time of the periodic survey and review of the program.

## VII. Board Certification

- A. One measure of the quality of a program is the performance of its graduates with respect to the American Board of Plastic Surgery certification process. Graduates of ACGME-approved programs are expected to complete this process successfully. A program will be judged deficient if during the most recent 5-year period

more than 50% of its graduates fail either the qualifying or the certifying examination on the first try.

- B. Residents who plan to seek certification by the American Board of Plastic Surgery should communicate with the Secretary of the Board to obtain current information regarding certification prior to beginning their training.

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## Program Requirements for the Subspecialties of Plastic Surgery

### I. General information

- A. A postgraduate fellowship is a prescribed post-plastic surgery residency educational experience of at least 1 year devoted to the enhancement of knowledge and skills in a defined area of plastic surgery. Postgraduate fellowship programs of graduate education in the subspecialties of plastic surgery may be accredited only in institutions that sponsor accredited residency programs in plastic surgery, or that are related by formal agreement to such institutions or programs. Accordingly, subspecialty programs will be considered for accreditation only if they function in direct association with a residency program in plastic surgery accredited by the Accreditation Council for Graduate Medical Education.
- B. Postgraduate fellowship education in plastic surgery is a component in the continuum of the educational process; therefore, such education will take place only after completion of an accredited residency in plastic surgery, except under very unusual circumstances and with the prior approval of the Residency Review Committee.
- C. Postgraduate fellowship programs will be considered for accreditation only in subspecialty areas that meet the requirements for accreditation as established by the Accreditation Council for Graduate Medical Education.
- D. The essentials enumerated in the Program Requirements for Residency Training in Plastic Surgery are also applicable to the postgraduate fellowships. In conformity with the Program Requirements, programs must provide an intellectual environment for acquiring the knowledge, skills, clinical judgment, and attitudes that are essential to the practice of the specific subspecialty. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program and when appropriate resources and facilities are present. Effective graduate education is not achieved when the educational program functions primarily to meet service commitments.

The following items, adapted from the Program Requirements for Residency Training in Plastic Surgery, merit emphasis:

1. The postgraduate fellowship program director must be qualified to supervise and to educate fellows appropriately in the specific subspecialty and must be certified by the American Board of Plastic Surgery or possess equivalent qualifications. The program director will be responsible for ensuring that adequate facilities and other necessary resources are available to provide an education of high quality. There should be a sufficient number of qualified faculty to provide the educational experience and to evaluate the progress and performance of the fellow. As with residency program directors in plastic surgery, it is essential that postgraduate fellowship program directors devote sufficient time and effort to the postgraduate fellowship program and related activities. It is desirable that the postgraduate fellowship program be appointed on a full-time basis.

2. A postgraduate fellowship must provide sufficiently advanced education to allow the fellow to acquire special skill and knowledge in a specific subspecialty. This education should consist of academic and technical components. The academic component should emphasize scholarship, self-instruction, teaching, development of analytic skills and surgical judgment, and research creativity. The technical component should ensure the ability of the fellow to perform skillfully the procedures required for the practice of the subspecialty.
- E. Programs will be evaluated according to the following postgraduate fellowship prerequisites:
1. A sufficient number of new and follow-up patients must be present to ensure appropriate inpatient and outpatient experience for each fellow.
  2. Subspecialty conferences, seminars, and literature review activities of high quality and of sufficient number must be regularly scheduled. Active participation of the fellow in the planning and the production of these meetings is essential.
  3. A fellow must have the opportunity to provide consultation with faculty supervision and should have clearly defined educational responsibilities for residents, medical students, and allied health personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.
  4. There must be close interaction between the parent residency program in plastic surgery and the postgraduate fellowship programs. Lines of responsibility for the plastic surgery resident and the fellow must be clearly defined. In addition, the fellow should maintain a defined interaction with residents and fellows in other disciplines.
  5. A postgraduate fellowship program should have an investigational component. A fellow must learn to design, to carry out, and to interpret research studies. Supervised participation in research projects should occur. Time and facilities must be available to research activity.
  6. A postgraduate fellowship must offer supervised training in the operative procedures and in the technical skills integral to the subspecialty discipline involved. Instruction and experience must be sufficient for the fellow to acquire an understanding of the common procedures of the subspecialty and their indications, risks, and limitations.
- F. Postgraduate fellowship program directors must have a clearly defined method for regular periodic assessment of the performance of the fellow. The assessment must include cognitive, motor, and interpersonal skills, and surgical judgment. There must be provision for regular communication of this information to the fellow and to the residency program director.
- G. The following policies and procedures pertain to the accreditation of postgraduate fellowship programs:
1. Program information forms to be used for accreditation of a postgraduate fellowship will be distributed to the director of the plastic surgery residency program. It will be the responsibility of the residency program director to collect information from directors of the postgraduate fellowship programs that are to be reviewed for accreditation. A site visitor will review the entire institutional program in plastic surgery, including the postgraduate fellowship programs being considered for accreditation. The statistical and narrative reports for all components of the program will be forwarded to the Residency Review Committee for Plastic Surgery (RRC-PS). The RRC-PS will review the institutional program in its entirety and will determine the accreditation of the plastic surgery residency program and the postgraduate fellowship programs.

2. Postgraduate fellowship programs will be accredited only if the residency program in plastic surgery is accredited. The accreditation status of postgraduate fellowship programs may equal but not exceed the accreditation status of the parent plastic surgery residency program. A plastic surgery residency program may achieve and retain accreditation whether or not the affiliated postgraduate fellowship programs are accredited. Loss of accreditation of the plastic surgery residency program will result in loss of accreditation of all postgraduate fellowship programs related to that residency.
3. The review cycle for postgraduate fellowship programs will be coordinated with review cycle for the plastic surgery residency program with provision for separate review of a postgraduate fellowship program when major changes occur.
4. Progress reports may be used to obtain additional information regarding postgraduate fellowship program progress and development.

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## Program Requirements for Residency Education in Hand Surgery

### I. Educational Program

#### A. Program Goals and Objectives

The program director and faculty must prepare and comply with written educational goals for the program.

##### 1. Program Design

All educational components of a residency program should be related to program goals.

- a. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
- b. Participation by any institution providing more than 2 months must be approved by the RRC.

#### B. Description of the Course of Study

1. Surgery of the hand includes the investigation, preservation, and restoration of all structures of the upper extremity that directly affect the form and function of the limb, wrist, and hand by medical, surgical, or physical methods.
2. Subspecialty education in hand surgery must be organized to provide experience of a sufficient level for the fellow to acquire the competency of a specialist. It must not be less than 1 continuous year and should ordinarily follow completion of full training in one of the parent disciplines: orthopaedic surgery, plastic surgery, or general surgery.
3. Clinical experience must include opportunities to observe and manage patients of all ages with a wide variety of disorders of the upper extremity, as well as to learn the effectiveness of therapeutic programs. The program must be structured to permit the fellow to develop diagnostic, procedural, and technical skills essential to the performance of hand surgery. It must provide for basic and advanced training and education as well as personal operative experience at the highest level to ensure the production of highly qualified surgeons within this specialized field.
4. The educational program must provide opportunities for fellows to develop clinical competence in the field of hand surgery. Examples of opportunities that are desirable for the development of knowledge and skills specific to hand surgery include but are not limited to trauma and its sequelae, neoplasia, vascular disorders, and degenerative and rheumatologic diseases. There must be experience in the development and execution of a treatment plan,

- including the appropriate technical skills, to manage patients with these disorders.
5. This opportunity must include experience in the clinical diagnosis and interpretation of laboratory data relative to the above disorders. Experience in microsurgery and other special technology relative to the management of hand problems must be provided, as well as experience in the special diagnostic skills such as electrodiagnosis and radiology relative to treating problems of the hand.
  6. The spectrum of education shall extend from the initial management of the patient through aftercare, rehabilitation, and the final evaluation.

## **II. Facilities and Resources**

A. Modern facilities to accomplish the overall educational program must be available and functioning. These include inpatient, ambulatory care, and laboratory resources for adult and pediatric patients and, specifically, support services in the diagnostic fields of pathology, radiology, physical and occupational therapy, orthotics, and prosthetics. There must be the opportunity for prolonged personal posthospital follow-up of patients cared for by the fellow.

B. It is desirable that the educational program be affiliated with a facility in which there is additional accredited training in surgery, plastic surgery, and orthopaedic surgery as well as other medical and surgical specialties and subspecialties. Available learning resources must include traditional libraries with current books and periodicals as well as facilities for viewing audiovisual material such as videotapes and sound-slide programs.

### **C. Library**

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### **D. Research and Scholarly Activity**

#### **1. Research**

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

#### **2. Scholarly Activity**

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the faculty. While not all members of a faculty must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

- a. Active participation in the faculty in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
- b. Participation in journal clubs and research conferences.
- c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.

- d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
- e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
- f. Provision of support for resident participation in scholarly activities.

## **III. Program Personnel**

The program director and faculty are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### **A. Program Director**

There must be a single program director responsible for the program.

#### **1. Qualifications of the program director include:**

- a. Requisite and documented clinical, educational, and administrative abilities and experience.
- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- c. Certification by the American Board of Plastic Surgery or suitable equivalent qualifications with documented qualifications and experience in hand surgery.
- d. Appointment in good standing to the medical staff of an institution participating in the program.

#### **2. Responsibilities of the program director include:**

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the faculty. It should be readily available for review.
- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the faculty and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the faculty. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
- f. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- g. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- h. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

**B. Faculty**

1. There must be a sufficient number of faculty with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching faculty must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the faculty must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participating in scholarly activities.
3. A member of the faculty of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the faculty, and the quality of supervision of residents.

**C. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

**IV. Evaluation****A. Program**

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

**B. Hand Surgery Resident**

The program director, with participation of members of the faculty, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
5. Provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

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# Program Requirements for Residency Education in Preventive Medicine

**I. Introduction**

Preventive medicine is a specialty of medical practice, the primary foci of which are (a) the study of disease processes as they occur in communities and in defined population groups and (b) the stimulation of practices with respect to the community and the individual that will advance health by promoting health-enhancing environments and behaviors, preventing disease and injury, making possible early diagnosis and treatment, and fostering habilitation and rehabilitation of persons with disabilities.

**A. Basic Components**

Preventive medicine has a group of common basic components, whatever the specific field of practice. A given component may be of major importance in some fields of practice and of lesser importance in others, but a basic capability is essential in each. These components are the:

1. Application of biostatistical principles and methodology;
2. Recognition of epidemiological principles and methodology;
3. Planning, administration, and evaluation of health and medical programs and the evaluation of outcomes of health behavior and medical care;
4. Recognition, assessment, and control of environmental hazards to health, including those of occupational environments;
5. Recognition of the social, cultural, and behavioral factors in medicine;
6. Application and evaluation of primary, secondary, and tertiary prevention;
7. Assessment of population and individual health needs.

**B. Program phases**

1. To impart the knowledge and develop the skills necessary to achieve these objectives, graduate education in preventive medicine must include three phases: the clinical phase, the academic phase, and the practicum phase. Each of these phases must be no less than 1 year in duration, except for the academic phase, as described in section III.B of the common program requirements.
2. A program may be accredited for one, two, or three phases. A program will not be accredited for the clinical phase if the clinical phase is accredited by another specialty.
3. The program director should counsel residents in the academic phase in the selection of assignments, services, or elective courses that will help provide the skills and knowledge needed in the resident's practicum experiences and intended fields of practice in preventive medicine. The program director must provide information that describes the program's accreditation status to each applicant and resident.

**II. Administration****A. Program Personnel**

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

1. Program Director Qualifications
  - a. The entire residency program should be under the supervision of one physician who is certified by the American Board of Pre-

ventive Medicine in the appropriate field of preventive medicine or who possesses suitable equivalent qualifications and who is judged by the Residency Review Committee (RRC) to be suitably qualified on the basis of knowledge and experience of at least 3 years in the field of preventive medicine after completion of residency training. A physician who is not certified in the appropriate field of preventive medicine but is judged by the RRC to possess suitable equivalent qualifications may serve as program director. The program director must devote sufficient time and effort to the program to ensure its educational quality. At all times, there must be continuity and direction in the education and supervision of residents.

- b. Requisite and documented clinical, educational, and administrative abilities and experience.
  - c. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the Program Director
- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - c. Selection and supervision of the faculty and other program personnel at each institution participating in the program.
  - d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
  - f. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - g. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - h. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

3. Faculty

- a. There must be a sufficient number of faculty with documented qualifications to instruct and supervise adequately all the residents in the program. Faculty members must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
- b. All members of the faculty must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.

- c. A faculty member at each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

- d. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
- e. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the faculty, and the quality of supervision of residents.

4. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

**B. Residency Advisory Committee**

There must be a residency advisory committee (RAC) consisting of members expert in the field, which must evaluate and advise on the content, conduct, and effectiveness of the training program and make appropriate recommendations.

1. A substantial number of the committee must be persons other than the primary faculty or staff of the sponsoring institution.
2. The program director shall be an ex-officio member and shall not chair the committee.
3. The chairman of the RAC shall be a physician.
4. Residents in the program should be represented on the Committee.
5. The RAC shall meet with the frequency required to discharge these responsibilities, but not less than semiannually, and should report at least annually to the head of the sponsoring institution.
6. Formal minutes of the RAC meetings shall be kept and shall be submitted to the RRC with the annual report.
7. The resident/s shall provide the chairman of the RAC with the residents' annual evaluation of the program.

**C. Participating Institutions**

Individual phases or parts of the training program may be offered at participating institutions. It is essential that agreements between the sponsoring and participating institutions be defined and that the agreements contain the educational objectives of the program.

1. New or updated affiliation agreements must be included with the annual report.
2. The program will keep all active agreements on file for review at the time of the site visit.
3. The program director is responsible for reviewing the agreements annually and for assuring updates as needed to ensure currency.
4. The reciprocal commitments of the residency program and the participating institutions must be explicit in a written agreement or contract indicating:
  - a. The educational objectives of the affiliation experience;
  - b. The scope of the affiliation with placement locations noted;
  - c. The resources, including space, support services and clinical facilities, of the affiliate that will be available to the residents;
  - d. The duties and responsibilities the residents will have in the affiliate;
  - e. The relationship that will exist between residents and staff of the residency program and the affiliate;
  - f. The supervisory relationship and identified supervisor who shall be qualified by certification or equivalent experience in the area, as determined by the program director. There must be

active participation by the residents at the affiliated site, and resident supervision on-site must be performed by a physician or appropriately qualified health professional.

### III. Educational Program

#### A. General Support

The residency program and its affiliates must maintain adequate facilities, including office and laboratory space and access to computer facilities. A basic collection of reference texts and periodicals in preventive medicine and public health shall be maintained. Support services, including secretarial, should be provided. Residents must be provided with adequate office facilities during assigned duty hours. All residents should be provided funds for travel to designated professional meetings.

#### B. Required Program Phases

##### 1. General Information

- a. The RRC will consider for accreditation programs that offer (a) the clinical, academic and practicum phases; (b) the academic and practicum phases, or (c) the practicum phase alone.
- b. Programs based in non-academic institutions which offer only a practicum year must have formal affiliation with a school of public health, a medical school offering an MPH or equivalent degree, or another program's accredited academic phase.
- c. Programs that offer the academic and practicum phases or the practicum phase only are to accept only individuals who have completed training in an accredited clinical phase.
- d. If the clinical phase is not taken as part of the preventive medicine residency program, the resident may meet the clinical phase requirement with a year in an accredited program in one of the recognized direct primary patient care specialties eg, family practice, pediatrics, internal medicine, and obstetrics and gynecology, or a transitional year program.

##### 2. Clinical Phase

The clinical phase constitutes a graduate year of clinical training and experience in direct patient care. A clinical year must provide broad experience in direct patient care, including ambulatory and inpatient hospital experience, and must be completed prior to the start of the practicum phase. If a clinical year is offered by the preventive medicine residency program, it must meet the following requirements for accreditation:

- a. In addition to the preventive medicine residency, there must be at least one Accreditation Council for Graduate Medical Education-accredited primary care residency at the same institution. Those disciplines considered to provide a broad scope of educational experience in fundamental skills are family practice, pediatrics, internal medicine, and obstetrics and gynecology.
- b. Other departments participating in the clinical year training shall be identified and have delineated roles. The qualifications of the participating faculty should be equivalent to those of the faculty in the accredited primary care residencies.
- c. The curriculum should consist of at least 3 months of hospital experience in internal medicine. In addition, there should be a balanced program of outpatient and inpatient care, to provide a broad range of exposure to other types of patients, including pediatrics, obstetrics and gynecology, and emergency medicine. Elective rotations should be determined by the needs of the individual resident and/or the requirements of the specialty program. A clinical year consisting exclusively of a series of outpatient clinic rotations will not be considered as offering an adequate breadth of training.
- d. The program should be approved by the institution's clinical coordinating committee or equivalent authority.

- e. The support departments of the sponsoring institutions, such as medical records and the medical library, must contribute to the education of residents in accordance with the *Essentials of Accredited Residencies in Graduate Medical Education*.
- f. All participating hospitals must be accredited by the Joint Commission on the Accreditation of Healthcare Organizations (JCAHO).

##### 3. Academic Phase

###### a. General Information

The academic phase consists of a course of study leading to the degree of Master of Public Health or an equivalent degree in an institution accredited by a nationally recognized accrediting agency. The course of study requires a minimum of 1 full academic year or its equivalent as determined by the RRC. The resident who is in a degree-granting institution must meet all requirements for the degree. When no degree is granted, a postbaccalaureate curriculum of equivalent content, depth, and rigor may be acceptable, provided the curriculum is approved by an appropriate body, such as the graduate school or academic senate of an institution accredited by a nationally recognized accrediting agency. In such a case, the written notification of approval must be supplied to the RRC.

###### b. Required Coursework

The required coursework shall in all cases include biostatistics, epidemiology, health services organization and administration, environmental and occupational health, and social and behavioral influences on health.

###### c. Research Activities

Adequate opportunities should be available for the resident to participate in research activities appropriate to the chosen field of training.

##### 4. Practicum Phase

The practicum phase is a year of continued learning and supervised application of the knowledge, skills, and attitudes of preventive medicine in the field of special study.

###### a. Duration

The practicum phase shall be the equivalent of 12 full months in duration. Programs that offer a combined 2-year academic/practicum program must provide a clearly delineated schedule to the RRC showing that adequate time is available to complete both the academic and the practicum components of the program. Academic work shall precede or be concurrent with activities of the practicum phase that apply the principles embodied in the academic program.

###### b. Content

The practicum phase shall offer both didactic and applied components, which shall be provided in settings in which there are well-organized programs appropriate to the particular field of preventive medicine. There shall be provision for the supervised application of the knowledge, skills, and attitudes of preventive medicine gained in the academic phase and in the didactic component of the practicum phase. The resident must assume progressive responsibility during the course of training.

#### C. Program Goals and Objectives

The director and teaching staff of a program must prepare and comply with written educational goals for the program.

##### 1. Program Design

All educational components of a residency program should be related to program goals.

- a. The program design and/or structure must be approved by the RRC as part of the regular review process.



- b. Participation by any institution providing more than 3 months of training in a program of less than 3 years in duration must be approved by the RRC.

## 2. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

## D. Duty Hours and Personal Responsibility

Resident hours on duty in a clinical setting shall be scheduled and monitored to avoid excessive stress and fatigue. Residents must have a keen sense of personal responsibility for continuing patient care and must recognize that their obligation to patients is not automatically discharged at any given hour of the day or any particular day of the week. In no case should a resident go off duty until the proper care and welfare of patients have been ensured. Duty hours and night and week-end call for residents must reflect the concept of responsibility for patients and provide for adequate patient care.

Residents must not be required regularly to perform excessively difficult or prolonged duties. When averaged over 4 weeks, residents should spend no more than 80 hours per week in all duties. Residents at all levels should, on average, have the opportunity to spend at least 1 day out of 7 free of hospital duties and should be on call no more often than every third night. There should be adequate opportunity to rest and sleep when on call for 24 hours or more. There should be adequate backup so that patient care is not jeopardized during or following assigned periods of duty.

## E. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

### 1. Scholarly Activity

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

- a. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
- b. Participation in journal clubs and research conferences.
- c. Active participation in regional or national professional and scientific societies, particularly through presentation at the organizations' meetings and publication in their journals.
- d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
- e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
- f. Provision of support for resident participation in scholarly activities.

### 2. Library

- a. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
- b. Library services should include the electronic retrieval of information from medical database.
- c. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participat-

ing in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## IV. Evaluation

### A. Resident Evaluation

The program director, with participation of the faculty, shall evaluate resident performance at least semiannually. The evaluations must be reviewed with the resident formally and in a timely manner. Where appropriate, interim evaluation is encouraged.

1. The resident's supervisor in the clinical and practicum phases shall provide a written evaluation to the program director and the resident on completion of the rotation.
2. The evaluations for each resident must be kept available for review by the individual resident and by the reviewer at the time of the survey.
3. The program director and faculty will certify that residents completing the program have fulfilled all established requirements based on the above evaluations. This final evaluation should be part of the resident's permanent record and should be maintained by the institution.
4. Each program must develop and use specific performance measures. A variety of acceptable techniques for performance assessment may be utilized. A record must be maintained of the instruments and processes used for assessment.
5. Evaluation of residents in the academic phase will be the responsibility of the sponsoring institution and will include a transcript or equivalent document provided to each resident. All academic activities should be coordinated with the individual resident's residency director.

### B. Program Evaluation

1. With the exception of the years when accreditation occurs, an annual report must be submitted to the RRC. The program director must describe each individual resident's activities and any significant change in program staffing, affiliations, or facilities for the year covered by the report. Minutes of the RAC meetings and new or updated interinstitutional agreements must be furnished with the report. The annual report forms will be furnished to the program directors by the executive secretary of the RRC.
2. Residents shall have the opportunity to provide written evaluation of the adequacy, quality, and appropriateness of each component of the educational program. This evaluation shall be provided to the chairman of the RAC annually.
3. A record must be maintained of periodic internal assessment of the program by the program director, faculty, and residents.
4. The RRC may consider the performance of graduates on the examinations of the American Board of Preventive Medicine as one measure of the quality of the training program.

## V. Board Certification

Residents should contact the Executive Director of the American Board of Preventive Medicine for information regarding Board Certification.

# Program Requirements for Residency Education in Public Health and General Preventive Medicine

## I. Introduction

### A. Scope of the Specialty

Public health and general preventive medicine is the specialty of preventive medicine that deals with health promotion and disease prevention in communities and in defined populations. Practitioners in this field are found in governmental and voluntary health agencies, academic and health-care institutions, group practice settings, and health service research organizations. Many of these specialists deal with public health practice, the direction and management of health-care institutions and delivery systems, the community's health, and the health status and demographics of population groups. Some of these specialists provide prevention interventions for individual patients, while others are involved in the health status of both groups and individuals.

### B. General Objectives

The achievement of knowledge and skills in the component functions of preventive medicine will enable the graduate practitioner to

1. Perform epidemiological investigations of acute and chronic diseases and injuries
2. Use appropriate statistical techniques in the design of studies and interpretation of findings relative to disease interventions performed on individuals and in monitoring and experimental protocols
3. Plan, administer, and evaluate programs to promote health and prevent disease in medical practice settings and in public health agencies
4. Design, perform, and evaluate clinical trials
5. Apply clinical interventions in the general population
6. Assess health risk factors in individual persons and groups and prescribe appropriate interventions
7. Assess and ameliorate the impact of environmental and occupational risk factors on individual persons and on groups
8. Assess the clinical and public health program needs of populations, eg, workers, communities, or military groups
9. Achieve maximum advantage through collaboration with other members of the health promotion and preventive medicine team
10. Develop budgeting and personnel management skills
11. Develop research skills in other areas appropriate to health promotion and disease prevention

## II. Required Phases

### A. Clinical Phase

The clinical phase is described in the common program requirements. If the resident has already chosen an area of special emphasis, the clinical phase should be designed to strengthen skills in that area.

### B. Academic Phase

The academic phase is described in the common program requirements. Program directors shall counsel residents and school authorities on coursework that should be taken as electives. Electives should be chosen according to the special emphasis and interest of the resident and the Program Requirements for Residency Education in Preventive Medicine.

## C. Practicum Phase

### 1. Description

- a. The purpose of the practicum phase is to give the resident experience in practicing general preventive medicine and public health in established programs under the guidance of skilled practitioners. The scope of that experience must be broad enough to ensure an appreciation for and ability to cope with a range of preventive medical problems in different settings. Additionally, the training must provide opportunity for concentrated experience in an area of the resident's special emphasis.
- b. This phase shall be the equivalent of 12 months' duration. Programs that offer a combined 2-year academic/practicum program must provide the Residency Review Committee (RRC) a clearly delineated schedule showing that adequate time is available to complete both the academic and practicum phases.
- c. Didactic education must be documented and must offer a broad range of topics such as the medical aspects of health promotion, disease prevention and surveillance, toxic exposure, health economics, clinical issues in prevention, management techniques, and current epidemiological issues.
- d. Residency programs are encouraged to make rotations in occupational medicine available to their residents.
- e. The program should include studies that offer each resident an opportunity to participate in data gathering and analysis procedures.
- f. The program must provide at least a 1-month experience in a public health agency, and this must be documented for each resident.
- g. The adequacy of highly fragmented assignments may require special documentation.
- h. Because the practitioners of public health and preventive medicine will need management skills, the program should include experience in budgeting, fiscal control, personnel practice, and administrative techniques, including automated record keeping and computer applications in the management of health services.
- i. Special attention should be given to the political process, governmental structure, and health policy. It is highly desirable that observation or participation in legislative and regulatory procedures as well as public relations be included.

### 2. Sponsoring and Participating Institutions

- a. The facilities in which training is provided need not conform to a rigid pattern. The sponsoring institution may be an educational institution, a research center, or an operating health agency. The affiliation(s) must be documented by written agreements, as specified in the common program requirements.
  1. If the sponsoring institution is an educational or research institution, it should have resources for developing a comprehensive graduate program in preventive medicine. In the case of a sponsoring institution that is not a public health agency, affiliation(s) must be negotiated with a health department, other health agency, or organization to ensure appropriate didactic and research opportunities.
  2. If the sponsoring institution is a health agency, it should offer a comprehensive experience in community or public health. The program may include communicable and chronic disease control, health-care administration, health protection and promotion, maternal and child health, environmental health and sanitation, and mental health. To ensure an appropriate didactic component, including the gathering and analyzing of data, affiliations must be negotiated with a medical school or school of public health and

that relationship documented in a written agreement, as specified in the common program requirements.

- b. In addition to the sponsoring institution, a practicum may be given in participating institutions that are chosen to meet particular needs of residents.
3. Facilities
    - a. The resources and structure of a participating institution should be well established and should serve a population or provide research and educational programs sufficiently comprehensive to ensure appropriate experience in public health and general preventive medicine.
    - b. The competence and interest of the professional and supervisory staff in residency education should be ensured to the satisfaction of the RRC.

## Program Requirements for Residency Education in Occupational Medicine

### I. Introduction

Occupational medicine is a specialty within preventive medicine that focuses on the relationships among the health of workers; the ability to perform work; the arrangements of work; and the physical, chemical, and social environments of the workplace. Practitioners in this field recognize that work and the environment in which work is performed can have favorable or adverse effects upon the health of workers as well as other populations; that the nature or circumstances of work can be arranged to protect worker health; and that health and well-being at the workplace are promoted when workers' physical attributes or limitations are accommodated in job placement.

The principal concerns of occupational medicine are

- A. The Workers: The appraisal, maintenance, restoration, and improvement of health through the application of the principles of preventive medicine, medical care, rehabilitation, and environmental medicine; and the matching of health or physical attributes of the worker with the requirements of jobs.
- B. The Workplace: The appraisal and design of work and the workplace for the purpose of controlling within safe limits exposures to potentially injurious substances or conditions; the evaluation of hazards or toxic materials in the workplace; and arranging work so that it conforms to the physiological requirements of workers.
- C. Information Management: The collection, collation, storage, and analysis of health data to facilitate epidemiologic study of health phenomena related to work or to health-enhancing activities; the dissemination of health-relevant information to workers, regulatory agencies, customers, and others who may benefit from such information; and the protection from inappropriate release of confidential medical information.
- D. Administration: The application of social, economic, and management principles to organize, implement, and assess activities designed to promote the health and well-being of workers; and the capability of dealing with relevant regulatory, legal, and industrial relations organizations.

### II. Educational Program

#### A. Phases

##### 1. Clinical Phase

The clinical phase is described in the common program requirements.

##### 2. Academic Phase

The requirements of the academic phase are described in the common program requirements. The academic phase shall include the required courses listed in the common program requirements as well as topics selected from the list of didactic components referenced in Section II.B.1 of the Program Requirements for Residency Education in Occupational Medicine.

##### 3. Practicum Phase

The practicum phase shall prepare the resident for the comprehensive practice of occupational medicine and shall afford opportunities for the resident to deal with clinical, scientific, social, legal, and administrative issues from the perspectives of workers and their representatives, employers, and regulatory or legal authorities.

- a. There shall be opportunities for the planned and supervised application of the knowledge and skills acquired in the prior phases of residency education. Residents shall have sufficient continuity of service in practicum activities to foster the assumption of authentic clinical and administrative responsibility and the development of mature judgment and resourcefulness.
- b. For at least 4 months the resident shall engage in supervised practice within the real world of work. Through interaction with occupational health personnel, workers, human resources and industrial relations personnel, line supervisors, worker representatives, and the medical community, the resident must gain experience in the clinical and administrative aspects of direct worker care and job assignment, medical screening and surveillance, health conservation and promotion, environmental assessment, employee assistance, and relevant regulatory compliance.

Appropriate practicum opportunities may be found in a variety of settings in which a comprehensive program of occupational medicine and related health and administrative services exists. Suitable sites may include heavy and light manufacturing; the utilities, services, and transportation sectors; and clinics that provide comprehensive services to workers and employers.

Diagnostic and referral clinics organized primarily for the diagnosis and assessment of occupational disease can have a vital role in the education of residents but do not afford the broad practicum opportunities specified above. This experience need not be obtained at a single site nor received in a single 4-month block; however, sufficient sustained attendance at each facility must occur to permit the assumption of significant clinical and administrative responsibility.

- c. A 4-month equivalent based on distributed time totaling 4 months can be acceptable, provided that less-than-full-time attendance does not compromise the assumption of responsibility. The program director must document the distributed time totaling 4 months to the satisfaction of the Residency Review Committee. The adequacy of highly fragmented assignments may require special documentation. Assignments that do not afford opportunity for the development of responsibility are not acceptable.
- d. Extensive time commitments to the care of minor employee complaints or to service functions characterized by highly repetitive or standardized procedures do not contribute to professional growth and must not be permitted to dilute the educational value of the practicum experience.
- e. Because the team approach is an important aspect of occupational medical practice, residents must have assignments that require collaborative work with industrial hygienists, nurses, and safety personnel, and also with counselors or others concerned with psychosocial issues.

- f. Residents are encouraged to engage in research during the practicum phase with the advice and supervision of the teaching faculty. However, the practicum must be primarily an educational experience that prepares the resident for the comprehensive practice of occupational medicine. The commitment of time to the development of new knowledge, however valuable, must not impair achievement of the fundamental objectives of the practicum by diluting the educational experience, diminishing peer interaction, or impeding the assumption of progressive clinical and administrative responsibility.

## B. Required Components

The following components are required and may be addressed in more than one phase of the program:

### 1. Didactic Component

A didactic component must be provided in the practicum phase. This component shall include structured lectures, journal clubs, symposia, etc, that focus on the following topics:

- a. Environmental physiology, including responses to heat, pressure, noise, and other physical stresses
- b. Occupational disease, including diagnosis, differential diagnosis, prevention, and treatment
- c. Toxicology, including basic principles, clinical applications, and risk assessment
- d. Industrial hygiene, including instrumentation, data interpretation, and basic environmental control measures
- e. Safety, including behavioral factors in accident causation and control and medical support of accident investigation
- f. Ergonomics
- g. Determination of fitness to work, placement of workers, and adaptations of work to accommodate handicaps
- h. Employee assistance programs, including substance abuse and rehabilitation
- i. Health education and health promotion, lifestyle risk factors as they are affected by the occupational environment
- j. Occupational health data management and analysis
- k. Management and administrative aspects of an occupational health program

1. Clinical preventive activities to improve the health of workers and their families

### 2. Clinical component

The clinical component shall include but not be limited to each of the following topics:

- a. Clinical care of workers in the prevention, diagnosis, treatment, and rehabilitation of work-related disorders
- b. Evaluation of the fitness of workers for normal or modified job assignments in a wide variety of work environments and the assessment of impairment and disability
- c. Counseling and education of workers and supervisors with respect to work or environmental hazards, health-related habits of living, and the arrangements of work

### 3. Administrative Component

The administrative component will provide the resident with opportunities for management responsibilities and shall include but not be limited to each of the following topics:

- a. The planning, administration, supervision, and evaluation of a broad program for the protection and promotion of the health and safety of workers in the work setting, including health risk assessment, accident evaluation, and risk reduction
- b. Application of administrative and scientific principles in the achievement of compliance with regulatory requirements and those of workers' compensation plans
- c. Acquisition, collation, storage, and analysis of health and environmental data

# Program Requirements for Residency Education in Aerospace Medicine

## I. Introduction

Aerospace medicine is a specialty of medical practice within preventive medicine that focuses on the health of a population group defined by the operating crews and passengers of air and space vehicles, together with the support personnel who are required to operate such vehicles. Segments of this population often work and live in remote, isolated, and sometimes closed environments under conditions of physical and psychological stress rarely encountered in terrestrial life. Specialty training for the physician in this field must, therefore, address the diagnosis, prevention, and treatment of disorders associated with these unique environments and with the adaptive systems designed to enhance performance and support life under such conditions.

## II. Educational Program

In addition to the common program requirements, the phases of a residency in aerospace medicine shall contain:

### A. Clinical Phase

The clinical phase is described in the common program requirements. Training should emphasize neuropsychiatry, ophthalmology, cardiopulmonary diagnosis, and emergency medicine. It is desirable that this year of clinical training be accomplished in a hospital or medical complex in which patients with aerospace-related medical problems are frequently encountered. Progressive patient responsibility should be assigned to residents. Supplemental clinical training in the areas mentioned above shall be provided during the practicum year, as described below.

### B. Academic Phase

The requirements of the academic phase are described in the common program requirements. Additional academic requirements for aerospace medicine are normally integrated into the curriculum leading to a postbaccalaureate degree. In addition to the coursework required in the common program requirements, course content should emphasize environmental physiology and toxicology with respect to the biological effects of altered pressure, temperature, atmospheric chemistry, and ionizing radiation. Facilities should be available for laboratory or clinical investigation of problems with direct application to the specialty, and supervised participation by the resident in a formal research project should be encouraged. Because of the paramount role of clinical care in an aerospace medicine practice, it is desirable that the academic faculty be either part of or formally affiliated with an accredited school of medicine.

### C. Practicum Phase

This year of supervised application should be accomplished in an institutional setting where operational aeromedical problems are routinely encountered and aerospace life support systems are under active study and development. Aircraft accident investigation and aircraft certification regulations must be included. Laboratory facilities should be equipped to provide simulated environments in which the effects of and adaptation to extreme conditions of temperature, barometric pressure, acceleration, weightlessness, and psychological stress can be studied. A flight training program should be available both to familiarize the resident with basic aeronautical skills and to provide a source of clinical material for the supervised management of common clinical problems encountered among flight personnel.

ACGME: June 1992 Effective: July 1995

# Program Requirements for Residency Education in Psychiatry

## I. Introduction

### A. Scope of Education

An approved residency program in psychiatry must provide an educational experience designed to ensure that its graduates will possess sound clinical judgment, requisite skills, and a high order of knowledge about the diagnosis, treatment, and prevention of all psychiatric disorders and the common medical and neurological disorders that relate to the practice of psychiatry. While residents cannot be expected to achieve the highest possible degree of expertise in all of the diagnostic and treatment procedures used in psychiatry in 4 years of training, those individuals who satisfactorily complete residency programs in psychiatry must be competent to render effective professional care to patients. Furthermore, they must have a keen awareness of their own strengths and limitations and of the necessity for continuing their own professional development.

### B. Duration and Scope of Education

#### 1. Admission Requirements

Physicians may enter psychiatry programs at either the first-year or second-year postgraduate level. Physicians may enter programs at the second-year postgraduate level only after successful completion of one of the following:

- a. A broad-based clinical year of accredited training in the United States or Canada in programs in internal medicine, family practice, or pediatrics;
- b. An Accreditation Council for Graduate Medical Education (ACGME)-accredited transitional year program;
- c. One year of an ACGME-accredited residency in a clinical specialty requiring comprehensive and continuous patient care.

#### 2. Length of the Program

- a. A complete psychiatry residency is 48 months. Twelve of those months may be spent in an ACGME-approved child and adolescent psychiatry residency. Accreditation by the ACGME is required for all years of the training program. Programs may not permit residents to use vacation time or other benefit time to advance the date of graduation from training. Although residency is best completed on a full-time basis, part-time training at no less than half time is permissible to accommodate residents with personal commitments (eg, child care).
- b. Any program that alters the length of training beyond these minimum requirements must present a clear educational rationale consonant with the program requirements and objectives for residency training. The program director must obtain the approval of the sponsoring institution and the Residency Review Committee (RRC) prior to implementation and at each subsequent review of the program.
- c. Prior to entry into the program, each resident must be notified in writing of the required length of training for which the program is accredited. The required length of training for a particular resident may not be changed without mutual agreement during his or her program, unless there is a break in his or her training or the resident requires remedial training.
- d. Programs should meet all of the Program Requirements for Residency Education in Psychiatry. Under rare and unusual circumstances, programs of either 1 year's or 2 years' duration may be approved, even though they do not meet all of the above requirements for psychiatry. Such 1- or 2-year programs

will be approved only if they provide some highly specialized educational and/or research programs. Also, such programs will be approved only if they ensure that residents will complete the didactic and clinical requirements outlined in the program requirements.

#### 3. Program Format by Year of Training

##### a. First Year of Training

A psychiatric first postgraduate year must include at least 4 months in internal medicine, family practice, and/or pediatrics. This training must be in a clinical setting that provides comprehensive and continuous patient care.

1. Neurology rotations may not be used to fulfill this 4-month requirement.
2. One month, but no more, of this requirement can be fulfilled by an emergency medicine rotation, as long as the experience is predominantly with medical evaluation and treatment, as opposed to surgical procedures.
3. For residents transferring into a program, there must be documentation in the training record that they have met this requirement in either current or prior training.
4. A psychiatric first postgraduate year should not include more than 6 months in psychiatry and must not include more than 8 months in psychiatry.
5. A minimum of 2 months of neurology, or its full-time equivalent on a part-time basis, is required prior to completion of training. It is highly desirable that this experience occur during a psychiatric first postgraduate year.
6. It is highly desirable that the Department of Psychiatry maintain contact with residents during the first postgraduate year while they are on services other than psychiatry.

##### b. The Second Through Fourth Years of Training

Although some of the training described below may be offered in the first postgraduate year, all must be completed prior to graduation from the program.

1. The program must have an explicitly described educational curriculum covering the broad spectrum of clinical psychiatry as outlined in V.B.1.a-o.
2. The formal didactic instruction must include regularly scheduled lectures, teaching rounds, seminars, clinical conferences, and required reading assignments covering the topics identified in Section V.
3. There must be an educationally sound balance among time spent in direct patient care, clinical and didactic teaching, and supervision. Formal educational activity shall have high priority in the allotment of the resident's time and energies. Service needs and clinical responsibilities must not prevent the resident from obtaining the requisite didactic educational activities and formal instruction.

## II. Institutional Organization

### A. Sponsoring Organization

1. Programs should be conducted under the sponsorship of an institution that meets the institutional requirements that apply to residency programs in all specialties, as outlined in the *Essentials of Accredited Residencies*.
2. The administration of the sponsoring institution(s) should be understanding of and sympathetic to the attainment of educational goals and should evidence the willingness and ability to support these goals philosophically and financially. The latter includes a commitment by the institution and by the program that embraces appropriate compensation for faculty and residents, adequate offices and educational facilities, and support services, as well as opportunities for research.

3. It is important that each affiliated institution offer significant educational opportunities to the overall program. The reasons for including each institution within the program must be stated. The number and distribution of participating training sites must not preclude satisfactory participation by residents in teaching and training exercises. Geographic proximity will be one factor in evaluating program cohesion, continuity, and "critical mass." Affiliated training sites will be evaluated on the basis of whether they contribute to a well-integrated educational program with respect to both didactic and clinical experiences.

#### B. Selection and Appointment of Residents

1. The program director is responsible for maintaining a process for selecting resident physicians who are personally and professionally suited for training in psychiatry. It is highly desirable that each program have a residency selection committee to advise the program director.
2. The program should document the procedures used to select residents. Application records should contain complete information from medical schools and graduate medical education programs. A documented procedure should be in place for evaluating the credentials, clinical training experiences, past performance, and professional integrity of residents transferring from one program to another, including from an adult to a child and adolescent psychiatry program. This procedure must include solicitation and documentation of relevant information from the training directors of the previous programs participated in by the transferring resident. This documentation must specify all clinical and didactic experiences for which the resident has been given credit. Those residents selected at the second postgraduate year or above must have satisfied the training objectives cited above for reaching that level of training.
3. The residency program director must accept only those applicants whose qualifications for residency include sufficient command of English to facilitate accurate, unimpeded communication with patients and teachers.
4. A transferring resident's educational program must be sufficiently individualized so that he or she will have met all the educational and clinical experiences of the program, as accredited, prior to graduation.
5. The RRC will determine the size of the program's permanent resident complement based on the program's clinical and academic resources.
6. To promote an educationally sound, intellectually stimulating atmosphere and effective graded responsibility, programs must maintain a critical mass of at least three residents at each level of training. Programs that fall below this prescribed critical mass will be reviewed, and if this deficiency is not corrected, they will be subject to negative action.
7. Programs in which the number of residents exceed the resources of patient population, faculty, or facilities for adequate training will be found deficient on the basis of size.
8. Any permanent change in the number of approved positions requires prior approval by the RRC.<sup>1</sup> Prior approval is not required for temporary changes in resident numbers due to makeup or remedial time for currently enrolled residents or to fill vacancies. Approval of permanent increases will require documentation that didactic and clinical training, including supervision, will not be compromised.

1. Programs seeking interim approval of a permanent increase in the number of approved resident positions should contact the executive secretary of the RRC.

### III. Faculty Qualifications and Responsibilities

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program. Each residency program must be under the direction of an experienced, fully trained, and qualified psychiatrist whose major responsibility is to maintain an excellent educational program. The residency program director must possess the necessary administrative, teaching, and clinical skills and experience to conduct the program. Continuity of leadership over a period of years is important to the stability of a residency program. Frequent changes in leadership or long periods of temporary leadership usually have a negative effect on an educational program and may adversely affect the accreditation status of the program. The program director must:

1. Be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
2. Be certified by the American Board of Psychiatry and Neurology or possess equivalent qualifications in psychiatry satisfactory to the RRC.
3. Have an appointment in good standing to the medical staff of an institution participating in the program.
4. Devote at least one-half of his or her time to the administration and operation of the educational program, including didactic, supervisory, and clinical teaching activities. Programs with multiple institutions, many residents, and/or a large clinical population will require additional time.

#### B. Responsibilities of the Program Director

1. The program director must have appropriate authority to oversee and to organize the activities of the educational program. The responsibilities of this position should include but not be limited to the following:
  - a. Resident appointments and assignments in accordance with institutional and departmental policies and procedures.
  - b. Supervision, direction, and administration of the educational activities.
  - c. Coordination of training in each geographically separate institution.
  - d. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
  - e. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff.
  - f. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
  - g. Provision of a written final evaluation for each resident who completes the program, as specified in Section VI.A.7.
  - h. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to applicants, residents, and members of the teaching staff. It should be readily available for review.
  - i. Provision of written information to applicants and residents regarding financial compensation, liability coverage, and the

policies regarding vacations, sick leave, and parental leave, as well as other special leaves.

- j. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - k. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - l. Maintenance of a permanent record of evaluation for each resident and having it accessible to the resident and other authorized personnel. These will be made available on review of the program.
  - m. Preparation of an accurate statistical and narrative description of the program as requested by the RRC for Psychiatry.
  - n. Notification in writing of the executive secretary of the RRC within 60 days of any major change in the program that may significantly alter the educational experience for the residents, including:
    1. Changes in leadership of the department or the program.
    2. Changes in administrative structure, such as an alteration in the hierarchical status of the program/department within the institution.
    3. Changes in the resident complement that would bring the number of residents below the required critical mass of three residents per year for 2 consecutive years.
2. The program director must obtain prior approval for the following changes in the program for the RRC to determine if an adequate educational environment exists to support these changes:
- a. The addition of any participating institution to which residents rotate for 6 months or longer.
  - b. The addition or deletion of any rotation of 6 months or longer.
  - c. Any increase in the approved number of resident positions in the program.
  - d. Any change in the total length of the program.

On review of such proposals or important changes in a program, the RRC may determine that a site visit is necessary.

### **C. Education Policy Committee**

The director of the residency program should have an educational policy committee composed of members of the psychiatry program teaching staff that includes representation from the residents as well as a member of the teaching staff from each ACGME-approved subspecialty residency that may be affiliated with the psychiatry residency. There should be a written description of the committee, including its responsibility to the sponsoring department or institution and to the program director. This committee should participate actively in:

1. Planning, developing, implementing, and evaluating all significant features of the residency program, including the selection of residents (unless there is a separate residency selection committee)
2. Determining curriculum goals and objectives
3. Evaluating both the teaching staff and residents

### **D. Number and Qualifications of the Faculty**

All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, commitment to their own continuing medical education, and participation in scholarly activities.

1. There must be a sufficient number of teaching staff to instruct and supervise adequately all the residents in the program. Mem-

bers of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities. The residency must be staffed by a sufficiently wide variety and appropriate number of capable psychiatrists and other mental health professionals with documented qualifications to achieve the goals and objectives of the training program.

2. The faculty psychiatrists should be certified by the American Board of Psychiatry and Neurology or have equivalent qualifications in psychiatry satisfactory to the RRC.
3. A written record of the educational responsibilities of all staff and faculty members (whether full-time or part-time) who participate directly in the education of residents is essential. That record should include the qualifications and experience of the faculty member and the nature, as well as the frequency, duration, and site, of the teaching activity.
4. There must be evidence of scholarly activity among the faculty psychiatrists. Scholarly activity is defined as professional activities that serve to enhance the profession or professional knowledge. While not all members of a faculty need be investigators, scholarly activities should be present on a continuous basis. There should also be evidence of participation in a spectrum of academic and professional activities within the institution as well as within local and national associations. Such evidence should include:
  - a. Documentation of teaching excellence
  - b. Participation in clinical and/or basic research
  - c. Involvement in relevant medical scientific organizations and their meetings
  - d. Publications in refereed journals, monographs, and books
5. The faculty must participate regularly and systematically in the training program and be readily available for consultation whenever a resident is faced with a major therapeutic or diagnostic problem.
6. The faculty psychiatrists should actively participate in the planning, organization, and presentation of conferences as well as clinical teaching and supervision.
7. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
8. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
9. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### **E. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## **IV. Program Facilities and Resources**

### **A. Clinical Facilities and Resources**

1. All programs must have adequate patient populations for each mode of required training and, minimally, must include organized clinical services in inpatient, outpatient, emergency, consultation-liaison, and child and adolescent psychiatry.

2. Training programs must have available to them adequate inpatient and outpatient facilities, clinics, agencies, and other suitable placements where the residents can meet the educational objectives of the program. The program should specify the facilities in which the goals and objectives are to be implemented.
3. All residents must have available offices adequate in size and decor to allow them to interview patients and accomplish their duties in a professional manner. The facility must also provide adequate and specifically designated areas in which residents can perform basic physical examinations and other necessary diagnostic procedures.

#### B. Other Educational Resources

1. The administration of the facility must provide ample space and equipment for educational activities. There must be adequate space and equipment specifically designated for seminars, lectures, and other teaching exercises.
2. The program must have available audiovisual equipment and teaching material such as films, audio cassettes, and videotapes, as well as the capability to record and play back videotapes.
3. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Library services should include the electronic retrieval of information from medical databases.
4. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

This library should provide:

- a. A substantial number of current basic textbooks in psychiatry, neurology, and general medicine
- b. A number of the major journals in psychiatry, neurology, and medicine sufficient for an excellent educational program
- c. The capability to obtain textbooks and journals on loan from major medical libraries
- d. Capability to perform MEDLINE or other medical information searches (or ready access to a library that has this capacity).
5. Each clinical service must have a mechanism that ensures that charts are appropriately maintained and readily accessible for regular review for supervisory and educational purposes. Randomly selected charts will be reviewed at the time of survey.

#### V. Educational Program

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the RRC for Psychiatry as part of the regular review process.

##### A. Objectives of Training

###### 1. First Year

The training obtained during the first postgraduate year should provide residents with medical skills most relevant to psychiatric practice. These include being able to

- a. Undertake the initial clinical and laboratory studies of patients presenting with a broad range of common medical and surgical disorders
- b. Diagnose common medical and surgical disorders and formulate appropriate initial treatment plans
- c. Provide limited, but appropriate, continuous care of patients with medical illnesses and make appropriate referrals
- d. Be especially conversant with medical disorders displaying symptoms likely to be regarded as psychiatric and with psychi-

atric disorders displaying symptoms likely to be regarded as medical

- e. Be especially cognizant of the nature of the interactions between psychiatric treatments and medical and surgical treatments
  - f. Relate to patients and their families, as well as other members of the health-care team with compassion, respect, and professional integrity
- ###### 2. Second Through Fourth Years

The program must provide a well-planned, high-quality curriculum that includes specific, assessable objectives for program components as well as criteria for graduation. These must be written and provided to each resident and faculty member. Residents must be taught to conceptualize all illnesses in terms of biological, psychological, and sociocultural factors that determine normal and disordered behavior. They must be educated to gather and organize data, integrate these data with a comprehensive formulation of the problem to support a well-reasoned differential diagnosis, formulate a treatment plan, and implement treatment and follow-up. The program must provide residents with sufficient opportunities to develop professionalism, knowledge, clinical skills, and professional principles.

- a. The didactic curriculum should include:
  1. Critical appraisals of the major theories and viewpoints in psychiatry, together with a thorough grounding in the generally accepted facts
  2. Presentation of the biological, psychological, sociocultural, economic, ethnic, gender, religious/spiritual, sexual orientation, and family factors that significantly influence physical and psychological development in infancy, childhood, adolescence, and adulthood
  3. Presentation of the etiologies, prevalence, diagnosis, treatment, and prevention of all of the psychiatric conditions in the current standard diagnostic statistical manual, to include the biological, psychological, sociocultural, and iatrogenic factors that affect the long-term course and treatment of psychiatric illness
  4. Comprehension of the diagnosis and treatment of neurologic disorders commonly encountered in psychiatric patients, such as neoplasms, dementia, headaches, head trauma, infectious diseases, movement disorders, multiple sclerosis, Parkinson's disease, seizure disorders, and stroke and related disorders
  5. The use, reliability, and validity of the generally accepted diagnostic techniques, including physical examination of the patient, laboratory testing, imaging, neurophysiologic testing, and psychological testing
  6. The financing and regulation of psychiatric practice, including information about the structure of governmental and private organizations that influence mental health care
  7. Medical ethics as applied to psychiatric practice
  8. The history of psychiatry and its relationship to the evolution of modern medicine
  9. The legal aspects of psychiatric practice
  10. When and how to refer
  11. Research methods in the clinical and behavioral sciences related to psychiatry
- b. Clinical training should provide sufficient experiences in:
  1. The elements of clinical diagnosis with all age groups (of both sexes and including some ethnic minorities), such as interviewing; clear and accurate history taking; physical, neurological, and mental status examination; and complete and systematic recording of findings



2. Relating history and clinical findings to the relevant biological, psychological, and social issues associated with etiology and treatment
3. Formulating a differential diagnosis and treatment plan for all conditions in the current standard nomenclature, taking into consideration all relevant data
4. The major types of therapy, including short- and long-term individual psychotherapy, psychodynamic psychotherapy, family therapy, group therapy, cognitive and behavior therapy, crisis intervention, pharmacological and other somatic therapies, and drug and alcohol detoxification
5. Providing continuous care for a variety of patients from different age groups, seen regularly and frequently for an extended time, in a variety of treatment modalities
6. Psychiatric consultation in a variety of medical, surgical, and community settings
7. Providing care and treatment for the chronically mentally ill with appropriate psychopharmacologic, psychotherapeutic, and social rehabilitative interventions
8. Psychiatric administration, especially leadership of interdisciplinary teams
9. Providing psychiatric care to patients who are receiving treatment from nonmedical therapists and coordinating such treatment
10. Knowledge of the indications for and limitations of the more common psychological tests
11. Critically appraising the professional and scientific literature
12. Ability to teach psychiatry to students in the health professions

## B. Curriculum

### 1. Clinical Experience

Carefully supervised clinical care of patients is the core of an adequate program. The clinical services must be so organized that residents have major responsibility for the care of a significant proportion of all patients assigned to them and that they have sufficient and high-quality supervision. The number of patients for whom residents have primary responsibility at any one time must be small enough to permit residents to provide each patient with appropriate treatment and to have sufficient time for other aspects of their educational program. At the same time, the total number must be large enough to provide an adequate depth and variety of clinical experiences.

The amount and type of patient care responsibility a resident assumes must increase as the resident advances in training. Each resident must have major responsibility for the diagnosis and treatment of a reasonable number and adequate variety of patients with both acute and chronic illnesses representing the major psychotic and nonpsychotic categories of psychiatric illness. Adequate experience must also be ensured in the diagnosis and management of the medical and neurological disorders encountered in psychiatric practice. Each resident must have supervised experience in the evaluation and treatment of patients of both sexes, of various ages from childhood to old age, and from a variety of ethnic, racial, social, and economic backgrounds.

It is desirable that residents have didactic learning and supervised experiences in the delivery of psychiatric services in the public sector (such as community mental health centers and public hospitals and agencies) and in managed-care health systems. The clinical experiences are to be designed to develop the requisite skills as outlined in Section V.A.2.b, above. Specific clinical experiences must include:

- a. Neurology. Supervised clinical experience in the diagnosis and treatment of neurological patients. This 2-month experience

(or its equivalent if done on a part-time basis) may occur on either an inpatient and/or an outpatient basis. The training must provide opportunities to conduct initial evaluations, to participate in the subsequent diagnostic process, and to follow patients during the treatment and/or evolution of their neurological illness. The training in neurology should provide sufficient didactic and clinical experience to develop expertise in the diagnosis of those neurological conditions that might reasonably be expected to be encountered in psychiatric practice and that must be considered in the differential diagnosis of psychiatric conditions.

- b. Inpatient. Significant responsibility for the assessment, diagnosis, and treatment of an appropriate number and variety of general adult psychiatric inpatients for a period of not less than 9 months but no more than 18 months (or its full-time equivalent if done on a part-time basis) in 4 years of training. In general, it is highly desirable that the minimum general, adult inpatient experience be 12 months in duration, although it is recognized that in some settings other training opportunities might lead to the absolute minimum of 9 months. Inpatient rotations on specialized clinical services such as substance abuse, geriatrics, research units, day and/or partial hospitalization, and child and adolescent psychiatry will not be included in assessing the required minimum 9-month inpatient experiences for residency training, unless the rotation on such specialized units is comparable in breadth, depth, and experience to training on general inpatient units. Those rotations not fulfilling the above requirement will be included in assessing the maximum allowable 18-month inpatient experience.
- c. Outpatient. An organized, continuous, supervised clinical experience in the assessment, diagnosis, and treatment of outpatients of at least 1 year (or its full-time equivalent if done on a part-time basis) that emphasizes a developmental and biopsychosocial approach to outpatient treatment. This must include experience with a wide variety of disorders, patients, and treatment modalities, with experience in both brief and long-term care of patients, using individual psychotherapy (including psychodynamic, cognitive, behavioral, biological, and social rehabilitation approaches to outpatient treatment). Long-term psychotherapy experience must include a sufficient number of patients seen at least weekly for at least 1 year, under supervision. Other long-term treatment experiences should include patients with differing disorders and chronicity and should include some patients who are chronically mentally ill.
- d. Child and adolescent psychiatry. An organized clinical experience under the supervision of qualified child and adolescent psychiatrists in the evaluation, diagnosis, and treatment of children, adolescents, and their families. Such experiences should be no less than 2 months full-time equivalent and involve a sufficient number and variety of patients, by both age and psychopathology, treated with a variety of interventional modalities. Residents should have experiences in determining the developmental status and needs for intervention with the children of some of their adult patients and in consulting with these patients regarding the referral of their children for psychiatric services. Residents must have patient care responsibility under the supervision of qualified child and adolescent psychiatrists. While adolescent inpatient units may be used to satisfy a portion of this requirement, rotations to student health services may not.
- e. Consultation/liaison. Supervised psychiatric consultation/liaison responsibility of a minimum of 2 months full-time equivalent

lent, involving patients on other medical and surgical services. While on-call experiences may be a part of this training, such experiences alone will not be sufficient to constitute adequate training in consultation/liaison psychiatry.

- f. **Emergency psychiatry.** Supervised responsibility on an organized, 24-hour psychiatric emergency service that is responsible for evaluation, crisis management, and triage of psychiatric patients. Instruction and experience should be provided in learning crisis intervention techniques, including the evaluation and management of suicidal patients. A psychiatric emergency service that is a part of or interfaces with other medical emergency services is desirable because of the opportunities for collaboration and educational exchange with colleagues in other specialties. There must be organized instruction and supervised clinical experience in emergency psychiatry that lead to the development of knowledge and skills in the emergency evaluation, crisis management, and triage of patients. This should include the assessment and management of patients who are a danger to themselves or others, the evaluation and reduction of risk to caregivers, and knowledge of relevant issues in forensic psychiatry. There should be sufficient continued contact with patients to enable the resident to evaluate the effectiveness of clinical interventions. While on-call experiences may be a part of this training, such experiences alone will not be sufficient to constitute adequate training in emergency psychiatry.
  - g. **Community psychiatry.** Supervised responsibility in community-based mental health activities. This should include consultation with at least one community agency.
  - h. **Geriatric psychiatry.** Supervised clinical management of geriatric patients with a variety of psychiatric disorders, including familiarity with long-term care in a variety of settings.
  - i. **Addiction psychiatry.** Supervised clinical management of patients with alcoholism and drug abuse, including detoxification and long-term management in inpatient and/or outpatient settings and familiarity with self-help groups.
  - j. **Forensic psychiatry.** Supervised experience in evaluation of patients with forensic problems under the supervision of a psychiatrist.
  - k. Supervised clinical experience in the evaluation and treatment of couples, families, and groups.
  - l. Techniques for evaluation and management of danger (of the patient dangerous to self and others) should be taught in every aspect of patient care.
  - m. **Psychological testing.** Supervised experience with the more common psychological test procedures, including neuropsychological assessment, in a sufficient number of cases to give the resident an understanding of the clinical usefulness of these procedures and of the correlation of psychological test findings with clinical data. Under the guidance of a qualified clinical supervisor, residents should have experience with the interpretation of the psychological tests most commonly used, and some of this experience should be with their own patients.
  - n. Supervised experience in utilization review and total quality management.
  - o. Supervised, active collaboration with psychologists, psychiatric nurses, social workers, and other professional and paraprofessional mental health personnel in the treatment of patients.
2. **Didactic Components**  
The didactic and clinical curriculum must be of sufficient breadth and depth to provide residents with a thorough and well-balanced presentation of the generally accepted theories, schools of thought, and major diagnostic and therapeutic procedures in the field of psychiatry.
- a. The curriculum must include a significant number of interdisciplinary clinical conferences and didactic seminars for residents in which psychiatric faculty members collaborate with neurologists, internists, and colleagues from other medical specialties and mental health disciplines.
  - b. Didactic instruction must be systematically organized, thoughtfully integrated, and based on sound educational principles, and must include prepared lectures, seminars, and assigned readings that are carried out on a regularly scheduled basis. In a progressive fashion, it should expose residents to topics appropriate to their level of training as outlined in Section V.A.2, above. Staff meetings, clinical case conferences, journal clubs, and lectures by visitors are desirable adjuncts, but they must not be used as substitutes for an organized didactic curriculum.
  - c. The curriculum must include adequate and systematic instruction in neurobiology, psychopharmacology, and other clinical sciences relevant to psychiatry; child and adult development; major psychological theories, including learning theory and psychodynamic theory; and appropriate material from social and behavioral sciences such as sociology and anthropology. The curriculum should address development, psychopathology, and topics relevant to treatment employed with psychiatric illness, including the chronically mentally ill.
  - d. The residency program should provide its residents with instruction about American culture and subcultures, particularly those found in the patient community associated with the training program. This instruction should include such issues as sex, race, ethnicity, religion/spirituality, and sexual orientation. Many physicians may not be sufficiently familiar with attitudes, values, and social norms prevalent among various groups of contemporary Americans. Therefore, the curriculum should contain enough instruction about these issues to enable residents to render competent care to patients from various cultural backgrounds. This instruction must be especially comprehensive in those programs with residents whose cultural backgrounds are significantly different from those of their patients.
  - e. Didactic exercises should include resident presentation and discussion of clinical case material at conferences attended by faculty and fellow residents. This training should involve experiences in formulating and discussing the theoretical and practical issues involved in the diagnosis and management of the cases presented.
3. **Supervision**  
Clinical training must include adequate, regularly scheduled, individual supervision. Each resident must have at least 2 hours of individual supervision weekly, in addition to teaching conferences and rounds, in the PG-2 through PG-4 years of training. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
4. **Clinical Records**  
Clinical records must reflect the residents' ability to:
- a. Record an adequate history and mental status, physical, and neurological examinations
  - b. Organize a comprehensive differential diagnosis
  - c. Proceed with appropriate laboratory and other diagnostic procedures
  - d. Develop and implement an appropriate treatment plan accompanied by regular and relevant progress notes
  - e. Prepare an adequate discharge summary and plan

### C. Resident Policies

1. The program should not allow on-call schedules and activities outside the residency to interfere with education, performance, or clinical responsibility. The program should ensure:
  - a. One day out of 7 free of program duties;
  - b. On average, on-call duty no more than every third night;
  - c. Adequate backup if patient care needs create resident fatigue sufficient to jeopardize patient care or resident welfare during or following on-call periods.
2. Each resident must be given a copy of the *Essentials of Accredited Residencies* at the beginning of training.
3. Readily available procedures for assisting the resident to obtain appropriate help for significant personal or professional problems should be in place.

### D. Other Required Components

1. Scholarly Activity of the Residents and Faculty  
Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The following components of a scholarly environment should be present:
  - a. The program must promote an atmosphere of scholarly inquiry, including the provision of access to ongoing research activity in psychiatry. Residents must be taught the design and interpretation of research studies, including the responsible use of informed consent, research methodology, and interpretation of data. The program must teach expertise in the critical assessment of new therapies and developments as described in the literature. Residents must be advised and supervised by faculty members qualified in the conduct of research. Programs must have a plan to foster the development of skills for those residents interested in conducting psychiatric research. This plan should include opportunities for conducting research under the supervision of a mentor and training in the principles and methods of research.
  - b. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - c. Participation in journal clubs and research conferences.
  - d. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - e. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - f. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - g. Provision of support for resident participation in scholarly activities.
2. Progressive Responsibility  
Under supervision, resident clinical experience in patient management should demonstrate graduated and progressive responsibility.
3. Teaching Opportunities  
An important part of the education of the resident is the development of teaching skills. Residents should have ample opportunity to teach students in the health professions.
4. Electives  
All programs should provide residents an opportunity to pursue individually chosen electives.

### 5. Resident Logs

There must be a record maintained of specific cases treated by residents, in a manner that does not identify patients but that illustrates each resident's clinical experience in the program. This record must demonstrate that each resident has met the educational requirements of the program with regard to variety of patients, diagnoses, and treatment modalities. In the case of transferring residents, the records should include the experiences in the prior as well as the current program. This record should be reviewed periodically with the program director or a designee, and be made available to the surveyor of the program.

## VI. Internal Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### A. Evaluation of Residents

All programs should state specifically and as clearly as possible the objectives and competencies required for successful completion of the program. These objectives and criteria should be made available to residency applicants.

1. Regular, systematic, documented evaluation of the knowledge, skills and professional growth of each resident, using appropriate criteria and procedures, must be maintained, including complete records of evaluations containing explicit statements on the resident's progress toward meeting educational objectives and his or her major strengths and weaknesses. Each evaluation should be communicated to the resident in a timely manner.
2. The program must provide opportunity for and document regularly scheduled meetings between the resident and the program director or designated faculty members. These meetings should be of sufficient frequency, length, and depth to ensure that the residents are continually aware of the quality of their progress toward attainment of professional expertise. These evaluation sessions should be held at least semiannually and preferably more frequently. The program should give residents opportunities to assess the program and the faculty in a manner that ensures resident confidentiality. Provision should be made for remediation in cases of unsatisfactory performance.
3. The program must formally examine the cognitive knowledge of each resident at least annually in the PG-2 through PG-4 years, and conduct an organized examination of clinical skills at least twice during the 4 years of training.
4. Residents should be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
5. A written set of due-process procedures must be in place for resolving problems that occur when a resident's performance fails to meet required standards. These procedures must conform to those policies and procedures adopted by the sponsoring institution for the provision of due process to all residents training in sponsored programs and must include the criteria for any adverse action, such as placing a resident on probation, or for terminating a resident whose performance is unsatisfactory. The procedures should be fair to the resident, to patients under care, and to the training program. A copy should be provided to residents at the beginning of training.
6. On any resident's departure from a program (including by graduation), the program director must prepare a letter describing the nature and length of the rotations for which the resident has been given credit. If a resident departs the program without receiving full credit for all educational experiences, the reasons for

withholding credit must be specified in the letter. The resident must be given the letter, and a copy must be retained in the resident's permanent file.

- When a resident leaves the program (including by graduation), the program director will affirm in the training record that there is no documented evidence of unethical behavior, of unprofessional behavior, or of serious question of clinical competence. Where there is such evidence, it will be comprehensively recorded, along with the responses of the resident. The evaluation should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

#### B. Program Evaluation

- Participation in and performance of graduates on examinations for certification by the American Board of Psychiatry and Neurology may be one measure of the quality of a program used by the RRC in its evaluation of each program. Therefore, it is highly desirable that programs use such information as one measure of their quality control.
- Programs must demonstrate that they have an ongoing mechanism to evaluate the effectiveness of their didactic and clinical teaching.

### VII. INQUIRIES CONCERNING ACCREDITATION AND CERTIFICATION

- All inquiries concerning the accreditation of psychiatry residencies should be addressed to Executive Secretary, Residency Review Committee for Psychiatry, 515 N State St/Ste 2000, Chicago, IL 60610.
- All inquiries as to whether a physician is qualified to be admitted for examination for certification in psychiatry should be addressed to Executive Vice President, American Board of Psychiatry and Neurology, 500 Lake Cook Rd/Ste 335, Deerfield, IL 60015.

ACGME: June 1994 Effective: July 1995

## Program Requirements for Residency Education in Addiction Psychiatry

### I. Introduction

#### A. Definition of the Subspecialty

Addiction psychiatry is the psychiatric subspecialty that focuses on the prevention, evaluation, and treatment of substance abuse and dependence as well as related education and research efforts. In addition, the addiction psychiatrist will be fully trained in the techniques required in the treatment of the larger group of patients with the dual diagnosis of addictive disorders and other psychiatric disorders. Subspecialty training in addiction psychiatry is a component in the continuum of the educational process in psychiatry, taking place on satisfactory completion of an Accreditation Council for Graduate Medical Education (ACGME)-accredited psychiatry residency.

#### B. Duration and Scope of Education

- The training period in addiction psychiatry must be 12 months. Any program that extends training beyond these minimum requirements must present a clear educational rationale consonant with the special requirements and objectives for residency training in addiction psychiatry.

- The addiction psychiatry resident must have satisfactorily completed an ACGME-accredited psychiatry residency prior to entering the program.
- Training in addiction psychiatry that occurred during the general residency training will not be credited toward this 1-year requirement.
- Training is best accomplished on a full-time basis. If it is undertaken on a part-time basis, the 12-month program must be completed within a 2-year period.
- Prior to entry, each addiction psychiatry resident must be notified in writing of the required length of training for which the program is accredited. The required length of training for a particular individual may not be changed without mutual agreement during his or her program unless there is a break in his or her training or the individual requires remedial training.

#### C. Educational Goals and Objectives

- The program must offer advanced training such that the knowledge, skills, clinical judgment, and attitudes essential to the practice of addiction psychiatry at the consultant level are provided.
- Clinical experience must include the opportunity to evaluate and follow a variety of patients of both sexes, including adolescents and adult and geriatric age groups spanning a broad range of diagnoses, as enumerated in program requirements V.A.1.a-d. Residents must provide both primary and consultative care in both inpatient (including intensive care) and outpatient settings for patients whose conditions encompass a wide variety of types of substance abuse. Where the primary site of training is devoted to the care of patients with only a particular form of substance abuse, appropriate affiliations must be arranged to ensure that adequate exposure to a sufficient number and variety of substance-abusing patients is provided.
- Programs must be based on a structured written curriculum with well-defined goals and objectives. Clinical, basic science, and research conferences, as well as seminars and critical literature review activities pertaining to substance abuse, must be conducted regularly and as scheduled. The curriculum must include sufficient didactic content so that the graduates will have comprehensive understanding of the pharmacology of all commonly abused substances, as well as the actions of pharmacological agents used to treat these conditions. Clinical experience and didactics should be integrated to provide appropriate progressive learning.
- Training must focus on the biopsychosocial and functional concepts of diagnosis and treatment as applied to inpatient, outpatient, and other community settings. Iatrogenic aspects of illness, as well as sociocultural, ethnic, economic, ethical, and legal considerations that may affect or interact with the psychiatric care of these patients, must be included in the program.
- The program should present the epidemiology of substance abuse, such as social, cultural, and familial factors affecting the availability and use of addicting substances.

### II. Institutional Organization

- The program must be administratively attached to and sponsored by a core residency program in psychiatry that holds full accreditation from the ACGME. Ongoing general psychiatry programs that have been comprehensively reorganized and reaccruited on a provisional basis may be exempted from this requirement. The program must function in close relationship to the psychiatry residency.
- The presence of residents in addiction psychiatry must not dilute or otherwise detract from the didactic or clinical experience available to general psychiatry residents. The Residency Review Committee (RRC) shall approve the size of the resident comple-

ment. Any permanent changes in resident complement will require prior approval by the RRC.

- C. The program must take place in facilities approved by the appropriate state licensing agencies and, where appropriate, by the Joint Commission on the Accreditation of Healthcare Organizations.
- D. There shall be a clear educational rationale for the inclusion of each participating institution. The number of and distance between participating institutions shall not impair training and participation in conferences and other organized educational aspects of the program.
- E. There must be current, written affiliation agreements between the sponsoring institution of the addiction psychiatry program and each of the participating institutions that conform to institutional requirements I.C.1-5. There should be an additional agreement between the addiction psychiatry program director and the individual responsible for addiction psychiatry education in each participating institution that specifies:
  - 1. The addiction psychiatry program goals and objectives and the means by which they will be accomplished.
  - 2. The resources and facilities in the institution(s) that will be available to addiction psychiatry residents.
  - 3. Information on professional liability insurance, fringe benefits, and vacations.
  - 4. The duties and responsibilities the addiction psychiatry residents will have in each institution.
  - 5. The relationship that will exist between addiction psychiatry residents and the residents and faculty in other programs, as appropriate.
  - 6. The supervision each addiction psychiatry resident will receive from the faculty in each institution.
  - 7. The provision of due process to all parties in the event of a dispute, disciplinary action, or termination.

### III. Faculty and Staff

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program. The program director should be an active clinician and must devote sufficient time to the program to ensure achievement of the educational goals and objectives. The program director should be primarily based at the main program teaching site.

##### 1. Program Director Qualifications

The Program director must be:

- a. Certified by the American Board of Psychiatry and Neurology (ABPN) with Added Qualifications in Addiction Psychiatry or have equivalent qualifications in addiction psychiatry satisfactory to the RRC.
- b. Appropriately qualified by training and experience in psychiatric education and administration to direct and supervise the program.
- c. Licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- d. Appointed in good standing to the medical staff of an institution participating in the program.
- e. Participate in scholarly activities appropriate to the subspecialty, such as local, regional, and national specialty societies; research; presentations; and publications.

##### 2. Program Director Responsibilities

The program director will be the person who has primary responsibility for the administration of the program. Frequent changes in leadership or long periods of temporary leadership are undesirable and may adversely affect the accreditation status of the program. The program director shall be responsible for:

- a. Preparing a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Supervising the recruitment, selection, and appointment process for applicants, including compliance with appropriate credentialing policies and procedures in accordance with institutional and departmental policies and procedures. The director must receive documentation from the prior general psychiatry program to verify satisfactory completion of all educational and ethical requirements for graduation before appointment to the program.
- c. Ensuring the provision of written descriptions of departmental policies regarding salary and benefits, due process, sickness and other leaves, call responsibilities, and vacation time to all residents on appointment to the program. All residents must be provided with written descriptions of the malpractice coverage provided for each clinical assignment.
- d. Monitoring the progress of each addiction psychiatry resident, including the maintenance of a training record that documents completion of all required components of the program as well as evaluations of residents' clinical and didactic work by supervisors and teachers. This record shall include a patient log for each addiction psychiatry resident, which shall document that each resident has completed all clinical experiences required by the program requirements and the educational objectives of the program.
- e. Supervising residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff.
- f. Regularly evaluating, with participation of members of the teaching staff, the residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
- g. Selecting and supervising the teaching staff and other program personnel at each institution participating in the program.
- h. Monitoring the quality of all didactic and clinical experiences, including the collection and review of periodic written confidential evaluations by residents of all such experiences and supervision.
- i. Maintaining all other training records, including those related to appointment; departmental processes regarding due process, sickness, and other leaves; call responsibilities; and vacation time.
- j. Providing a written final evaluation that documents the satisfactory completion of all program requirements for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- k. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff

should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- l. Implementing fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- m. Notifying the RRC promptly of any major changes in the program or its leadership. Participation by any institution providing more than 3 months of training must be approved by the RRC.
- n. Preparing timely, accurate program information forms and related materials in preparation for review by the RRC.
- o. Reporting to the RRC by September 1 of each year the name of each resident in the program.

#### **B. Number and Qualifications of the Physician Faculty**

All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.

1. There must be a sufficient number of physician faculty members with documented qualifications to maintain a quality didactic and clinical educational program and to ensure adequate instruction and supervision of all residents in the program. In addition to the program director, there must be at least one other faculty member certified by the ABPN with Added Qualifications in Addiction Psychiatry or its equivalent. Programs with large patient populations, multiple institutions, and large resident complements will be expected to have additional faculty appropriate to their size and structure.
2. These individuals must be additionally qualified by experience in addiction psychiatry to provide the expertise needed to fulfill the didactic, clinical, and research goals of the program.
3. The faculty must devote sufficient time to the educational program in addiction psychiatry to ensure fulfillment of its goals and objectives and to meet their supervisory and teaching responsibilities.
4. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  - a. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - b. Participation in journal clubs and research conferences.
  - c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - f. Provision of support for resident participation in scholarly activities.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.

6. The director of addiction psychiatry training at each participating institution shall be appointed by or with the concurrence of the addiction psychiatry program director to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

#### **C. Multidisciplinary Team Exposure**

Addiction psychiatry residents must be provided with meaningful patient care experiences as part of an interdisciplinary care team. The resident should work in settings that include representatives from clinical disciplines such as social work, psychology, psychiatric nursing, therapeutic activities, pharmacology, and nutrition, as well as clinicians in anesthesia (including pain management), emergency medicine, family practice, geriatrics, internal medicine, neurology, obstetrics-gynecology, surgical specialties, and pediatric/adolescent medicine as appropriate for the care of the patient. In addition, residents should work with others such as substance abuse counselors and, where appropriate, with teachers.

#### **D. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### **IV. Facilities and Resources**

All elements of the program must be located in designated facilities based on written affiliation agreements between the participating institutions and the administration of the program.

#### **A. Inpatient Care Facility**

The department sponsoring the program must be a part of, or affiliated with, at least one acute-care general hospital with a full range of services, including medical and surgical services, intensive care units, emergency department, diagnostic laboratory, and imaging services. If the acute-care hospital is specialized and does not itself have the full spectrum of services described above, the program must document that it has access for training purposes to other affiliated acute-care facilities that have the services not present at the specialized facility.

#### **B. Partial Hospitalization and Day Treatment Center**

Programs must have access to a partial hospitalization or other day-care program. Such programs may be located in community-based institutions or within the sponsoring department of psychiatry in its acute-care hospital. Exposure to self-help and other community programs (such as 12-step programs widely used by substance-abusing patients) must be provided.

#### **C. Ambulatory Care Service**

The program must provide experience in a multidisciplinary ambulatory care facility such as a methadone maintenance clinic, an alcohol treatment clinic, or other specialized outpatient program.

#### **D. Library**

Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

1. Library services should include the electronic retrieval of information from medical databases.
2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### **E. Ancillary Support Services**

At all participating facilities, there must be appropriate support services to ensure an adequate educational experience. This in-

cludes support personnel in all categories and physical resources to ensure that residents have sufficient time and place to carry out their clinical and educational functions.

#### F. Patient Population

The number and variety of new and follow-up patients spanning the life cycle from adolescence to old age must be sufficient to ensure an adequate outpatient and inpatient experience, as specified in I.C.2 and V.A.1-7. The spectrum of patients should include diverse socioeconomic, educational, and cultural backgrounds.

#### G. Additional Educational Environment

The program must provide opportunities for the residents to render continuing care and to exercise leadership responsibilities in organizing recommendations from the treatment team, including the integration of recommendations from consulting medical specialists and other professionals in allied disciplines.

#### H. Faculty Supervision

Residents must be supervised in the performance of procedures integral to the specialty of addiction psychiatry. Supervision must include observation, assessment, and substantiation of the residents' knowledge and skills in clinical evaluation, technical proficiency, and professional attitudes. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.

#### V. Educational Program

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the RRC for Psychiatry as part of the regular review process. The training program must provide opportunities for residents to develop advanced clinical knowledge and skills in the field of addiction psychiatry. These objectives will be accomplished by a combination of supervised clinical experience and formal didactic conferences. The curriculum must ensure the opportunity for residents to achieve the cognitive knowledge, interpersonal skills, professional attitudes, and practical experience required of an addiction psychiatrist providing acute and chronic care for the substance-abusing patient. All major dimensions of the curriculum must be structured educational experiences guided by written goals and objectives as well as by specified teaching and evaluation methods. The goals and objectives of each major component of the curriculum must be provided to the residents in writing on entering the program.

#### A. Clinical Experiences

The training program must include the following clinical components:

1. Evaluation, consultation, and treatment of
  - a. Patients with primary alcohol and/or drug abuse and their families.
  - b. Medical and surgical patients in the emergency department, intensive care units, and general wards of the hospital with acute and chronic drug and/or alcohol abuse and dependency, including acute intoxication and overdose.
  - c. Psychiatric inpatients and outpatients with chemical dependencies and comorbid psychopathology, to include a broad range of psychiatric diagnoses, such as affective disorders, psychotic disorders, organic disorders, personality disorders, and anxiety disorders, as well as patients suffering from medical conditions commonly associated with substance abuse such as hepatitis and acquired immune deficiency syndrome.
  - d. Medication-dependent patients with chronic medical disorders.

2. Exposure to the following substance abuse problems:
  - a. Alcohol
  - b. Opioids
  - c. Cocaine and other stimulants
  - d. Marijuana and hallucinogens
  - e. Benzodiazepines
  - f. Other drugs of abuse, including sedative/hypnotics and nicotine
  - g. Miscellaneous/unusual, eg, khat, nutmeg, designer drugs, organic solvents
3. Resident treatment of a minimum of five addicted outpatients with a variety of diagnoses requiring individual treatment for at least 6 months.
4. Rotations should provide residents with experience in evaluating acute and chronic substance-abusing patients in inpatient and outpatient settings. There should be an identifiable structured educational experience in neuropsychiatry relevant to the practice of addiction psychiatry that includes both didactic and clinical training methods. The curriculum should emphasize functional assessment, signs and symptoms of neuropsychiatric impairment associated with substance abuse, and the identification of physical illnesses and iatrogenic factors that can alter mental status, behavior, and management.
5. The program must provide specific experience in consultation to acute and chronic, medically ill substance-abusing patients being treated on medical, emergency, intensive care, and/or surgical services of a general hospital. Supervision of addiction psychiatry residents in their clinical evaluation of such patients, as well as in their consultative role, is essential. The program should provide residents with the opportunity to function at the level of a specialist consultant to physicians in the primary care specialties and to intensive care specialists.
6. Experience in working with multidisciplinary teams as a consultant and as a team leader.
7. Experience in working with patients who are concurrently participating in self-help programs.

#### B. Curriculum Content

The field of addiction psychiatry requires knowledge of neurology, pharmacology, psychiatry, general medicine, and psychology, as well as an understanding of the interaction of these disciplines. Programs must include both direct experience in clinical care and formal conferences. Instruction and experience must include the performance of the mental status examination, a neuropsychiatric evaluation instrument such as the Mini-Mental Status examination, community and environmental assessment, family and caregiver assessment, medical assessment, and physical and psychological functional assessments. These skills compose the basis for formal assessment of the addicted patient using a synthesis of clinical findings, historical and current information, and data from laboratory and other special studies. Residents must acquire knowledge and skills in the following areas:

1. Knowledge of the signs and symptoms of the use and abuse of all of the major categories of drugs enumerated in V.A.2.a-g, as well as knowledge of the types of treatment required for each.
2. Knowledge of the signs of withdrawal from these major categories of drugs and knowledge and experience with the range of options for treatment of the withdrawal syndromes and the complications commonly associated with such withdrawal.
3. Knowledge of the signs and symptoms of overdose, the medical and psychiatric sequelae of overdose, and experience in providing proper treatment of overdose.
4. Management of detoxification and acute hospital treatment of the chronic user of the major categories of drugs. Experience in working collaboratively with specialists in the emergency depart-

ment and intensive care units in the diagnosis and management of acute overdose symptoms.

5. Knowledge of the signs and symptoms of the social and psychological problems as well as the medical and psychiatric disorders that often accompany the chronic use and abuse of the major categories of drugs.
6. Experience in the use of psychoactive medications in the treatment of psychiatric disorders often accompanying the major categories of substance abuse.
7. Experience in the use of techniques required for confrontation of and intervention with a chronic drug abuser and in dealing with the defense mechanisms that cause the patient to resist entry into treatment.
8. Experience in the use of the various psychotherapeutic modalities involved in the ongoing management of the chronic drug-abusing patient, including individual psychotherapies, couples therapy, family therapy, cognitive-behavioral therapy, and group therapy.
9. Experience in working collaboratively with other mental health providers and allied health professionals, including nurses, social workers, psychologists, nurse practitioners, counselors, pharmacists, and others who participate in the care of substance-abusing patients.
10. Knowledge and understanding of the special problems of the pregnant drug abuser and of the babies born to substance-abusing mothers.
11. Knowledge of family systems and dynamics relevant to the etiology, diagnosis, and treatment of substance abuse disorders.
12. Knowledge of the genetic vulnerabilities, risk and protective factors, epidemiology, and prevention of substance-abuse disorders.
13. Familiarity with the major medical journals and professional-scientific organizations dealing with research on the understanding and treatment of substance abuse.
14. Critical analysis of research reports, as presented in journal clubs and seminars.
15. Experience in teaching and supervising student clinicians in the care of substance-abusing patients.
16. Understanding of the current economic aspects of providing psychiatric and other health-care services to the addicted patient.
17. Knowledge of quality assurance measures and cost effectiveness of various treatment modalities for substance-abusing patients.

### C. Conferences

Conferences in addiction psychiatry, such as grand rounds, case conferences, reading seminars, and journal club, should be specifically designed to complement the clinical experiences. Regular attendance by residents and faculty should be documented.

### D. Policies Regarding Residents, Supervision, and Participation

1. The program director must ensure, direct, and document proper supervision of all addiction psychiatry residents at all times by appropriately qualified faculty. The responsibility and independence allowed residents in patient contact should depend on their knowledge, skill, experience, and the complexity of the clinical problem. Residents must be provided with rapid, reliable methods for communicating with supervising physicians. Each resident must have a minimum of 2 hours of individual supervision of clinical activities weekly.
2. The program should carefully monitor and document any clinical activity outside the program that could potentially interfere with educational performance or clinical responsibility. The program must carefully monitor all on-call schedules and hours within the program to ensure a balanced and appropriate educational and clinical experience. This monitoring should ensure
  - a. one full day out of 7 free of program-related duties.

- b. on average, on-call duty no more than every third night.
  - c. adequate backup if patient care needs create resident fatigue sufficient to jeopardize patient care or resident welfare during or following on-call periods.
  - d. adequate faculty backup if residents encounter complex clinical situations while on call.
3. At all program facilities, residents must be afforded responsibilities commensurate with their postgraduate status and experience level in the provision of patient care.

### E. Other Program Components

#### 1. Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. As part of the academic environment, an active scholarly component must be included within the addiction psychiatry program. Faculty members should participate actively in basic, clinical, and/or health services research.

The program should provide each resident with a meaningful, individually supervised opportunity to participate in research or scholarly activity.

#### 2. Presence of Other Training Programs

The addiction psychiatry program should provide peer interaction between its residents and those of other medical specialties. To achieve this goal, an ACGME-accredited training program in at least one nonpsychiatric specialty should be present within the participating institutions of the program, such as neurology, internal medicine, or family practice. Peer interaction among the programs should occur in the course of clinical and/or didactic work, but is most satisfactory when organized around joint patient evaluation and/or care.

#### 3. Resident Teaching Experiences

The program should provide appropriate experiences designed to develop the administrative and teaching skills of the addiction psychiatry residents. As the residents progress through the program, they should have the opportunity to teach personnel such as other residents, medical students, nurses, and other allied health professionals.

## VI. Evaluation

### A. Evaluation of Residents

There must be at least quarterly written evaluations of the residents by all supervisors and the directors of clinical components of training. These must be discussed with the residents and placed in the training record. The program director shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.

### B. Faculty Evaluation

There must be in place a mechanism for the written confidential evaluation of all supervisors by addiction psychiatry residents, as well as of the didactic and clinical elements of the educational program.



### C. Program Evaluation

1. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.
2. Written evaluations by residents should be utilized in this process.
3. One measure of the quality of the program will be participation in and performance of its graduates on the Added Qualifications certifying examination conducted by the ABPN.

### VII. Certification

Those individuals planning to seek Added Qualifications certification through the ABPN should communicate with the administrative officer of the ABPN prior to beginning training to ascertain its requirements.

*ACGME: September 1994 Effective: July 1995*

## Program Requirements for Residency Education in Child and Adolescent Psychiatry

### I. Introduction

#### Scope of Training

Child and adolescent psychiatry is a specialty of medical practice within psychiatry. The goal of residency training in child and adolescent psychiatry is to produce specialists in the delivery of skilled and comprehensive medical care of children and adolescents suffering from psychiatric disorders. The child and adolescent psychiatrist must have a thorough understanding of the development and prevention of psychopathology as it appears from infancy through adulthood. He or she should also have the skills to serve as an effective consultant to primary care physicians and to community agencies and institutions serving children and adolescents.

Approved residencies in child and adolescent psychiatry must offer well-supervised and well-balanced clinical experiences with inpatients, outpatients, and consultees and must also provide a formal educational experience. The residency must provide a combination of didactic and clinical work that is both broad enough to ensure knowledge of the full spectrum of disorders of childhood and adolescence and yet intensive enough to ensure thorough diagnostic, treatment, and consultative skills. Diagnostic and therapeutic experiences must be provided in sufficient numbers and depth with preschool, grade school, and adolescent patients of both sexes and their families for the resident to understand the disorders and situations studied.

### II. Program Length and Prerequisites

- A. In addition to the postgraduate first year and a minimum of 2 years of accredited training in general psychiatry, 2 years' training in an Accreditation Council for Graduate Medical Education-accredited child and adolescent psychiatry program is required.
- B. To achieve greater flexibility in the sequence of residency training and to assist in recruitment, the 2-year child and adolescent psychiatry training experience may be initiated at any point be-

yond the PGY-I level in the psychiatry residency sequence. Training is best done full-time, and it must be done in no more than two blocks. If done in two blocks, the blocks must not be more than 5 years apart, and the shorter block must not be less than 6 months long. At the discretion of the program director, 1 year of training credit may be given for 2 years at half-time; 2 years of training credit may be given for 3 years at two-thirds time or 4 years at half-time.

- C. In general, training in child and adolescent psychiatry obtained as part of the curriculum for general psychiatry training may not count toward residency training in child and adolescent psychiatry. However, certain clinical experiences, including but not limited to pediatric neurology, forensic consultation, and pediatric consultation/liaison, may be designed to fulfill the special requirements in general psychiatry and child and adolescent psychiatry if approved by both program directors. The program director must document areas for which credit is given in both programs. These experiences may not be used to reduce the total length of time devoted to training in either general or child and adolescent psychiatry.
- D. Prior to entry into the program, each resident must be notified in writing of the required length of training for which the program is accredited. The required length of training for a particular resident may not be changed during his or her program without mutual agreement, unless there is an interruption in his or her training or the resident requires remedial training.

### II. Institutional Organization

#### A. Institutional Support

The administration of the sponsoring institution(s) should understand the educational goals and should evidence its willingness and ability to support these goals philosophically and financially.

#### B. Affiliation Agreements

1. In programs where more than one clinical site is used for the training of residents, there must be affiliation agreements between the sponsor of the child and adolescent psychiatry residency and each participating institution that conform to institutional requirements I.C.1-5.
2. In addition, each training program accredited for child and adolescent psychiatry must have a formal educational affiliation agreement with a psychiatry residency program that is accredited for at least 3 years of training. The written agreement of such affiliation must be signed by the residency directors of both programs, and copies must be filed with the Residency Review Committee (RRC).

#### C. Participating Institutions

It is important that each affiliated institution offer significant educational opportunities to the overall program. The number and distribution of participating training sites must not preclude satisfactory participation by residents in teaching and training exercises. Geographic proximity will be one factor in evaluating program cohesion, continuity, and "critical mass." Affiliated training sites will be evaluated on the basis of whether they contribute to a well-integrated educational program with respect to both didactic and clinical experiences.

#### D. Appointment of Residents

1. The program should document the procedures used to select residents in accordance with institutional and departmental policies and procedures. Application records should document information from graduate medical education programs. A documented procedure should be in place for checking the credentials, the clinical training experiences, and the past performance and pro-

professional integrity of residents transferring from one program to another, including from an adult to a child and adolescent psychiatry program. This procedure must include solicitation and documentation of relevant information from the training directors of the previous programs participated in by the transferring resident.

2. The residency program director must accept only those applicants whose qualifications for residency include sufficient command of English to permit accurate, unimpeded communication.
3. A program must have at least two residents in each of the 2 years of training. Peer interaction and the need for group discussion in seminars and conferences are crucial.
4. The number of residents from other graduate medical education programs and mental health disciplines who participate in the child and adolescent psychiatry educational curriculum should not be so large as to compromise the educational resources of the child and adolescent psychiatry residency.

### III. Faculty Qualifications and Responsibilities

There must be a single program director responsible for the program. The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director Qualifications

1. Qualifications of the program director include:
  - a. The residency program in child and adolescent psychiatry must be under the direction of a fully trained child and adolescent psychiatrist with documented clinical, educational, and administrative abilities and experience, who is certified in child and adolescent psychiatry by the American Board of Psychiatry and Neurology (ABPN) or who possesses suitable equivalent qualifications as determined by the RRC.
  - b. The program director must be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. The program director must be appointed to and in good standing with the medical staff of an institution participating in the program.
2. Responsibilities of the Program Director
 

The program director is responsible for selecting residents, planning the curriculum, evaluating individual resident progress, and maintaining records of these endeavors. The program director shall provide residents with the goals of training, their responsibilities, and the evaluation procedures. Responsibilities of the program director include:

  - a. Devotion of at least half-time to the training program, including teaching activities.
  - b. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to applicants, residents, and members of the teaching staff. It should be readily available for review.
  - c. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
  - d. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program in consultation with the chair or division chief.
  - e. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of pa-

tients. Such guidelines must be communicated to all members of the program staff.

- f. Regular evaluation, with participation of members of the teaching staff, of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician as specified in Section VI.
- g. The provision of a written final evaluation for each resident who completes the program and maintenance of a permanent record of evaluation for each resident that is accessible to the resident and other authorized personnel.
- h. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- i. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- j. Evaluation of faculty teaching and supervision in writing.
- k. The program director is responsible for providing applicants with written descriptions of the clinical rotations and educational program. Written information must be provided regarding financial compensation, liability coverage, and the policies regarding vacations, sick leave, and family leave, as well as other special leaves.
  1. Preparation of an accurate statistical and narrative description of the program as requested by the RRC for Psychiatry.
  - m. Notification requirements—the program leadership is responsible for notifying the executive secretary of the RRC within 30 days in writing of any major change in the program that may significantly alter the educational experience for the residents, including:
    1. Changes in leadership of the department or the program.
    2. Changes in administrative structure, such as an alteration in the status of the program/department within the institution.
    3. Any year there is a reduction in the critical mass of residents below two for each year of training.
    4. A reduction in the number of faculty below three full-time-equivalent positions in more than 1 year.
  - n. Prior approval requirements—the program director must obtain prior approval for the following changes in the RRC program to determine if an adequate educational environment exists to support these changes and if the program's clinical and academic resources are adequate to support these changes:
    1. The addition or deletion of any training site to which residents are assigned half-time or more for 6 months or longer for the full-time equivalent of at least 3 months.
    2. Any increase in the approved resident complement of the program.

#### B. Number and Qualifications of the Faculty

1. The residency must be staffed by an appropriate number of capable, qualified psychiatrists and other mental health professionals with sufficient breadth and depth of documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities. The faculty must include a total of at least three full-time-equivalent, fully trained child and adolescent psychiatrists who devote substantial time to the residency program.

2. The psychiatric faculty should be certified by the ABPN or have equivalent qualifications in psychiatry satisfactory to or determined by the RRC for Psychiatry.
3. Psychiatric faculty must participate regularly and systematically in the training program. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## IV. Facilities and Resources

- A. Training programs must have adequate facilities and affiliations to meet the educational objectives of the program. Adequate office space with readily accessible play materials must be available for each resident to see patients.
- B. Special space for physical and neurological examinations, as well as the appropriate medical equipment, must be readily available in the training facility.
- C. There must be adequate space and equipment specifically designated for seminars, lectures, and other educational activities. The program must have available such basic teaching aids as one-way mirrors and audiovisual equipment.
- D. The sponsoring institution must provide residents with ready access to a library that contains a substantial number of current basic textbooks and major journals in psychiatry, child and adolescent psychiatry, neurologic pediatrics, and general medicine, sufficient for an excellent educational program. The library must be capable of obtaining textbooks and journals on loan from major medical libraries and of carrying out MEDLINE and other medical information searches (or accessing a library that has this capacity), and it must be reasonably available to residents on weekends and during evening hours.

## V. Educational Program

### A. Goals

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. There must be sufficient, stable leadership, faculty, clinical facilities, and affiliations to provide a consistent educational experience. The program design and/or structure must be approved by the RRC as part of the regular review process.

### B. Curriculum

An approved program must have an explicitly described and distributed educational curriculum composed of formal didactic instruction and a program of graduated learning and supervised experience through the 2 years. The latter is to be marked by graduated and increased clinical responsibility for the diagnosis and treatment of preschool and grade-school children, adolescents, and their families.

Educational quality must have the highest priority in the allotment of the residents' time and energy. The clinical responsibilities of residents must not infringe unduly on didactic activities.

### C. Clinical Experience

1. Each resident must have responsibility for the evaluation and treatment of a sufficient number and adequate variety of patients representing the full spectrum of psychiatric illnesses in children and adolescents. The number of patients for which residents have primary responsibility at any one time must permit them to provide each patient with appropriate treatment and to have sufficient time for other aspects of their educational program. The depth and variety of clinical experiences must be adequate.
2. Clinical records, recorded by the child and adolescent psychiatry residents, should document an adequate individual and family history, mental status, physical and neurological examinations when appropriate, supplementary medical and psychological data, and integration of these data into a formulation, differential diagnosis, and comprehensive treatment plan.
3. Opportunities for the development of both conceptual understanding and clinical skills in the major types of therapy with children and adolescents, including short- and long-term individual psychotherapy, psychodynamic psychotherapy, family therapy, crisis intervention, and pharmacological therapies, must be provided. There must be opportunities for residents to be involved in providing continuous care for a variety of patients from different age groups, seen regularly and frequently for an extended time, in a variety of treatment modalities. Residents should have some experience with continuity of patient care across clinical programs providing different levels of care. Work with outpatients must include work with some child and adolescent patients for at least a year's duration.
4. Residents must receive training so that they have an opportunity to evaluate and to treat patients from various cultural backgrounds and socioeconomic levels.
5. Training must include supervised, active collaboration with other professional mental health personnel (ie, psychologists, psychiatric nurses, social workers) in the evaluation and treatment of patients.
6. There must be teaching about the appropriate uses and limitations of psychological tests. Residents should have the opportunity to observe some of their patients being tested.
7. There must be teaching and clinical experience in pediatric neurology, mental retardation, and other developmental disorders.
8. Residents should have experiences in the management of psychiatric emergencies and acute disturbances in children and adolescents.
9. Experience with 24-hour responsibility in working with acutely and severely disturbed children or young adolescents is an essential part of training. This experience must occur in settings with an organized treatment program, such as inpatient units, residential treatment facilities, partial hospitalization programs, and/or day treatment programs. This experience must be the full-time equivalent of not less than 4 nor more than 10 months.
10. Residents must have experience as consultants in situations in which they do not primarily engage in treatment but use their specialized knowledge and skills to assist others to function better in their roles. Training and experience in consultation to facilities serving children, adolescents, and their families should include:
  - a. Supervised consultation experience with an adequate number of pediatric patients in outpatient and/or inpatient medical facilities

- b. Supervised formal observation and/or consultation experiences in schools
  - c. Training and experience in legal issues relevant to child and adolescent psychiatry, including forensic consultation experience and court testimony
11. Administrative experiences, in which residents function in positions of leadership, are essential.

#### D. Didactic Curriculum

Didactic instruction must be well organized, thoughtfully integrated, based on sound educational principles, and carried out on a regularly scheduled basis. Systematically organized formal instruction (prepared lectures, seminars, assigned reading, etc) must be integral to the residency. Staff meetings, clinical case conferences, journal clubs, and lectures by visitors are desirable adjuncts, but must not be used as substitutes for an organized didactic curriculum.

1. Emphasis on developmental considerations is the hallmark of training in child and adolescent psychiatry. The teaching of developmental knowledge and the integration of biopsychosocial data into a comprehensive formulation of clinical problems are essential. Teaching about normal development should include observation of and interaction with normal children.
2. The didactic and clinical curriculum must be of sufficient breadth and depth to provide residents with a thorough and well-balanced presentation of the generally accepted theories; schools of thought; and major diagnostic, therapeutic, and preventive procedures in the field of child and adolescent psychiatry.
3. The curriculum must include adequate and systematic instruction in basic biological, psychological, and clinical sciences relevant to psychiatry; in psychodynamic theory; and in the application of developmental psychological theories relevant to the understanding of psychopathology. It must provide teaching about the full gamut of psychopathology in children and adolescents, including the etiologies, epidemiology, diagnosis, treatment, and prevention of all of the psychiatric conditions that affect children and adolescents.
4. There must be teaching in ethical aspects of child and adolescent psychiatric practice.
5. The opportunity for residents to be involved in research must be available.
6. The curriculum must include an adequate number of interdisciplinary clinical conferences and didactic seminars for residents, in which faculty psychiatrists collaborate in teaching with colleagues from other medical specialties and mental health disciplines.

#### E. Other Required Components

1. Scholarly Activity
 

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

  - a. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - b. Participation in journal clubs and research conferences.

- c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
- d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
- e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
- f. Provision of support for resident participation in scholarly activities.

#### 2. Teaching Opportunities

Opportunities for residents to teach community groups, medical students, and/or other residents should be available.

#### F. Resident Policies

##### 1. Supervision

Each resident must have at least 2 hours of individual supervision weekly, in addition to teaching conferences and rounds. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.

##### 2. Duty Hours

The program should carefully monitor any professional activity outside the residency and ensure that it does not interfere with education, performance, or clinical responsibility. The program should carefully monitor all on-call schedules and hours within and outside residency to prevent undue interference with education, performance, or clinical responsibility. The monitoring should ensure:

- a. On average, 1 full day out of 7 free of program duties.
- b. On average, on-call duty no more than every third night.
- c. Adequate backup if patient care needs create resident fatigue sufficient to jeopardize patient care or resident welfare during or following on-call periods.

#### VI. Internal Evaluation

The program will maintain records of all evaluations required in this section and these will be made available on review of program.

##### A. Evaluation of Residents

1. The program must provide opportunity for and document regularly scheduled meetings between the resident and the program director or designated faculty members. These meetings should be of sufficient frequency, length, and depth to ensure that the residents are continually aware of the quality of their progress toward attainment of program goals. At least semiannually, the program director must evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures. Provision should be made for remediation in cases of unsatisfactory performance.
2. Each evaluation must be communicated to the resident in a timely manner.
3. Residents must be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. In addition to periodic assessments, an annual evaluation procedure is required that must include a written examination of the knowledge base as well as a formal documented clinical skills examination.
5. Evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. At the time of the resident's graduation, the program director will affirm in the training record that there is no documented evidence of unethical behavior, unprofessional behavior, or clinical incompetence. Where there

is such evidence, it must be comprehensively recorded, along with the responses of the resident. This final evaluation should be part of the resident's permanent record maintained by the institution.

6. A written set of due-process procedures must be in place for resolving problems that occur if a resident's performance fails to meet required standards. These must include the criteria for any adverse action, such as placing a resident on probation, or for terminating a resident whose performance is unsatisfactory. The procedures should be fair to the resident, patients under care, and the training program. A copy should be provided to the residents at the beginning of training.

### B. Faculty Evaluation

The program director is responsible for the evaluation of faculty teaching and supervision, which must include an annual written assessment of faculty members by the residents.

### C. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

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## Program Requirements for Residency Education in Geriatric Psychiatry

### I. Introduction

#### A. Definition of the Subspecialty

Geriatric psychiatry is that area of psychiatry that focuses on prevention, diagnosis, evaluation, and treatment of mental disorders and disturbances seen in older adult patients. An educational program in geriatric psychiatry must be organized to provide professional knowledge and a well-supervised clinical experience.

#### B. Duration and Scope of Education

1. The training period in geriatric psychiatry must be 12 months. Any program that extends the length of the program beyond 12 months must present an educational rationale consistent with the program requirements and the objectives for resident education.
2. The geriatric psychiatry resident must have satisfactorily completed an Accreditation Council for Graduate Medical Education (ACGME)-accredited psychiatry residency prior to entering the program.
3. Training in geriatric psychiatry that occurred during general residency training will not be counted toward meeting this requirement.
4. Training is best accomplished on a full-time basis. If it is undertaken on a part-time basis, the 12-month program must be completed within a 2-year period.
5. Prior to entry into the program, each geriatric psychiatry resident must be notified in writing of the required length of training for which the program is accredited. The required length of training for a particular individual may not be changed without mutual

agreement during his or her program unless there is a break in his or her training or the individual requires remedial training.

### C. Educational Goals and Objectives

1. Geriatric psychiatry programs must provide advanced training for the resident to function as a consultant in the subspecialty. Programs must emphasize scholarship, self-instruction, development of critical analysis of clinical problems, and the ability to make appropriate decisions.
2. Clinical experience must include opportunities to assess and manage elderly inpatients and ambulatory patients of both sexes with a wide variety of psychiatric problems. Geriatric psychiatry residents must be given the opportunity to provide both primary and consultative care for patients in both inpatient and outpatient settings to understand the interaction of normal aging and disease as well as to gain mastery in assessment, therapy, and management.
3. The program must include training in the biological and psychosocial aspects of normal aging; the psychiatric impact of acute and chronic physical illnesses; and the biological and psychosocial aspects of the pathology of primary psychiatric disturbances beginning in or continuing into older age.
4. There must be a focus on multidimensional biopsychosocial concepts of treatment and management as applied both in inpatient facilities (acute and long-term care) and in the community or home settings. There must also be emphasis on the medical and iatrogenic aspects of illness as well as on sociocultural, ethnic, economic, ethical, and legal considerations that may affect psychiatric management.

### II. Institutional Organization

- A. The program must be administratively attached to and sponsored by a core residency program in psychiatry that holds full accreditation from the ACGME. Ongoing general psychiatry programs that have been comprehensively reorganized and reaccredited on a provisional basis may be exempted from this requirement. The program must function as an integral part of the psychiatry residency.
- B. The presence of residents in geriatric psychiatry must not dilute or otherwise detract from the didactic or clinical experience available to general psychiatry residents. The Residency Review Committee (RRC) shall approve the size of the geriatric psychiatry resident complement. Any changes in this complement will require prior approval by the RRC.
- C. The training program must take place in facilities that are approved by the appropriate state licensing agencies and, where appropriate, by the Joint Commission on the Accreditation of Healthcare Organizations.
- D. There shall be a clear educational rationale for the inclusion of each participating institution.
- E. There must be current, written affiliation agreements between the sponsoring institution of the geriatric psychiatry program and each of its participating institutions. These agreements must comply with institutional requirements Section I.C.1-5. There should be an additional agreement between the geriatric psychiatry program director and the individual responsible for geriatric psychiatry education in each participating institution that specifies:
  1. The geriatric psychiatry program goals and objectives for each rotation in the participating institution and the means by which they will be accomplished.
  2. The resources and facilities in the institution(s) that will be available to each geriatric psychiatry resident.
  3. Information on professional liability insurance, fringe benefits, and vacations, to be provided by each institution.

4. The duties and responsibilities the geriatric psychiatry resident will have in each institution.
5. The relationship that will exist between geriatric psychiatry residents and the residents and faculties in other programs, as appropriate.
6. The supervision each geriatric psychiatry resident will receive by the faculty in each institution.

### III. Faculty and Staff

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program. The program director should be an active clinician and must devote sufficient time to the program to ensure achievement of the educational goals and objectives. The program director should be primarily based at the main program teaching site.

##### 1. Qualifications of the Program Director

The program director must be:

- a. Certified by the American Board of Psychiatry and Neurology (ABPN) with Added Qualifications in Geriatric Psychiatry or have equivalent qualifications in geriatric psychiatry.
- b. Appropriately qualified by training and experience in psychiatric education and administration to direct and supervise the program.
- c. Licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- d. Appointed in good standing to the medical staff of an institution participating in the program.
- e. Participate in scholarly activities appropriate to the profession, such as local, regional, and national specialty societies; research; presentations; and publications.

##### 2. Program Director Responsibilities

The program director will be the person who has primary responsibility for the administration of the program. The program director shall be responsible for:

- a. Preparing a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Supervising the recruitment and appointment process for applicants, including compliance with appropriate credentialing policies and procedures in accordance with institutional and departmental policies and procedures. No applicant who has completed a general psychiatry residency in another program shall be appointed without written communication from the prior program director that verifies satisfactory completion of all educational and ethical requirements for graduation.
- c. Monitoring the progress of each geriatric psychiatry resident, including the maintenance of a training record that documents completion of all required components of the program as well as the evaluations of performance by supervisors and teachers. This record shall include a patient log for each geriatric psychiatry resident that shall document that each resident has completed all clinical experiences required by the program requirements and the educational objectives of the program.

- d. Supervising residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff.
- c. Regularly evaluating, with the participation of members of the teaching staff, the residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
- f. Selecting and supervising the teaching staff and other program personnel at each institution participating in the program.
- g. Monitoring the quality of all didactic and clinical experiences, including the collection and review of periodic written evaluation by the resident of all such experiences and supervision.
- h. Maintaining all other training records, including those related to appointment, the departmental processes regarding due process, sickness and other leaves, call responsibilities, and vacation time.
- i. Providing to each geriatric psychiatry resident the written goals and objectives for each component of the program at the beginning of that aspect of training.
- j. Ensuring that residents are provided written descriptions of the departmental policies regarding due process, sickness and other leaves, call responsibilities, and vacation time on appointment to the program. All residents must be provided with written descriptions of the professional liability coverage provided for each clinical assignment.
- k. Providing a written final evaluation that documents the satisfactory completion of all program requirements for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- l. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- m. Implementing fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- n. Notifying the RRC promptly of any major changes in the program or its leadership. Participation by any institution providing more than 3 months of training must be approved by the RRC.
- o. Preparing timely, accurate program information forms and related materials in preparation for review by the RRC.
- p. Reporting to the RRC by September of each year the name of each geriatric psychiatry resident in the program.

#### B. Number and Qualifications of the Physician Faculty

All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.

1. There must be a sufficient number of qualified physician faculty members with documented qualifications to maintain a quality didactic and clinical educational program and to ensure the adequate instruction and supervision of all residents in the program. In addition to the program director, there must be at least one

- other faculty member who is certified by the ABPN with Added Qualifications in Geriatric Psychiatry (or its equivalent).
2. These individuals must be additionally qualified by experience in geriatric psychiatry to provide the expertise needed to fulfill the didactic, clinical, and research goals of the program.
3. The faculty must devote sufficient time to the educational program in geriatric psychiatry to ensure fulfillment of its goals and objectives and to meet their supervisory and teaching responsibilities.
4. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  - a. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - b. Participation in journal clubs and research conferences.
  - c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  - f. Provision of support for resident participation in scholarly activities.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The director of geriatric training at each participating institution shall be appointed by or with the concurrence of the geriatric psychiatry program director to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

#### **C. Geriatric Care Team**

Geriatric psychiatry residents must be provided with meaningful patient care experiences as part of an interdisciplinary care team.

1. In addition to geriatric psychiatry, the geriatric care team should include representatives from related clinical disciplines such as psychology, social work, psychiatric nursing, activity or occupational therapy, physical therapy, pharmacology and nutrition.
2. A variety of individuals representing disciplines within medicine, such as family practice and internal medicine (including their geriatric subspecialties), neurology, and physical medicine and rehabilitation, should be available for participation on the geriatric care team as needed for patient care and teaching purposes.
3. It is highly desirable that geriatric psychiatry residents have access to professionals representing allied disciplines (such as ethics, law, and pastoral care) as needed for patient care and teaching purposes.
4. Geriatric psychiatry residents should be provided with opportunities to participate as members of medical geriatric teams in institutions where such teams are present.

#### **D. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## **IV. Facilities and Resources**

### **A. Acute-Care Hospital**

The psychiatry department sponsoring the program must be a part of or affiliated with at least one acute-care general hospital that has the full range of services usually ascribed to such a facility, including both medical and surgical services, intensive care units, emergency department, diagnostic laboratory and imaging services, and pathology department. If the acute-care hospital is specialized (eg, in geriatric or psychiatric care) and does not itself have the full spectrum of services described above, the program must document that it has access for training purposes to other affiliated acute-care facilities that have the remaining general services not present at the specialized facility.

### **B. Long-Term-Care Facility**

Inclusion of at least one long-term-care facility is an essential component of the geriatric psychiatry program. Such facilities may be either discrete institutions separate from an acute-care hospital or formally designated units or services within an acute-care hospital. Suitable training sites include both nonpsychiatric facilities (such as a nursing facility or chronic care hospital) and psychiatric facilities.

### **C. Ambulatory-Care Service**

The ambulatory-care service must be designed to render care in a multidisciplinary environment such as a geriatric clinic, psychiatric outpatient department, or community mental health center where nonpsychiatric medical specialists are also available.

### **D. Ancillary Support Services**

At all participating facilities, there must be sufficient administrative support to ensure adequate teaching facilities, appropriate office space, support personnel, and teaching resources.

### **E. Library**

Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.

1. Library services should include the electronic retrieval of information from medical databases.
2. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### **F. Patient Population**

There must be sufficient number and variety of patients in all institutions where training takes place to accomplish the educational goals. This should include not only the spectrum of psychiatric diagnoses but also experience with a diversity of patients by sex, socioeconomic, educational, and cultural backgrounds.

### **G. Additional Educational Environment**

The program must provide opportunities for the geriatric psychiatry resident to render continuing care and to exercise leadership responsibilities in organizing recommendations from the mental health team and in integrating recommendations and input from primary care physicians, consulting medical specialists, and representatives of other allied disciplines.

## **V. Educational Program**

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the RRC for Psychiatry as part of the regular review process. The

training program must provide opportunities for the residents to develop advanced clinical knowledge and skills in the overall field of geriatric psychiatry. These objectives will be accomplished by a combination of supervised clinical experiences and formal didactic conferences.

The curriculum must ensure the opportunity for geriatric psychiatry residents to achieve the cognitive knowledge, interpersonal skills, professional attitudes, and practical experience required of a geriatric psychiatrist in the care of the aged. Didactic as well as clinical learning opportunities must be available to the resident. All major dimensions of the curriculum must be structured educational experiences that are guided by written goals and objectives as well as by specified teaching and evaluation methods. The goals and objectives of each major component of the curriculum should be provided to the residents in writing on entering the program.

### A. Clinical Experiences

The training program must include the following clinical components:

#### 1. Geriatric Psychiatry Consultation Experience

Attaining skills as a consultant is an essential part of training. Consultation experiences should be formally available on the nonpsychiatric services of an acute-care hospital. They should include consultation to inpatient, outpatient, and emergency services. There should also be consultative experience in long-term-care facilities. Familiarity with the organizational and administrative aspects of home health-care services should be provided. Exposure to outreach services and crisis intervention services in both community and home settings should be provided.

#### 2. Long-Term-Care Experience

All geriatric psychiatry residents should have the opportunity to follow and treat a sufficient number of long-term-care patients at a senior level of responsibility. This experience should be of sufficient duration for the resident to understand the problems and learn the skills associated with long-term management and treatment. Emphasis during this experience should be placed on approaches to consultation, diagnosis, and treatment of the acutely and chronically ill elderly in a diversity of care settings, both medical and psychiatric, including those with less technologically sophisticated environments. Training should include instruction on the use of group and activity therapies; on the psychosocial impact of institutionalization; on teaching nonmental health professionals about mental health in the aged; on the bioethical dilemmas encountered when treating illness in the very old; and on working within facilities that may have limitations, such as a decreased staff-patient ratio.

#### 3. Other Medical Specialty Experience

There should be an identifiable, structured educational experience in neurology, physical medicine and rehabilitation, and geriatric medicine or geriatric family practice relative to the practice of psychiatry that includes both didactic and clinical training methods. The curriculum should address functional assessment, altered signs and symptoms of physical illness that occur in the elderly, and the identification of physical illnesses and iatrogenic factors that can alter mental status and behavior.

### B. Specialty Content

The program curriculum must address, as a minimum, the following content and skill areas:

1. The current scientific understanding of aging and longevity, including theories of aging, epidemiology and natural history of aging, and diseases of the aged. This includes specific knowledge of the effects of biologic aging on human physiology, with emphasis on altered pharmacokinetics, pharmacodynamics, and sensory acuity in the elderly and on the differences and gradations between normal and abnormal age changes, with particular reference to such areas as memory and cognition, affective stability, personality and behavioral patterns, and sexuality. There must be an understanding of successful and maladaptive responses to stressors frequently encountered in older adults, such as retirement, widowhood, role changes, interpersonal and health status losses, financial reverses, environmental relocations, and increased dependency.
2. The relevance of cultural and ethnic differences and the special problems of disadvantaged minority groups, as these bear on distinguishing and treating abnormal and maladaptive clinical changes as well as the use of psychosocial support services.
3. The epidemiology, diagnosis, and treatment of all major psychiatric disorders seen in the elderly. Such disorders, seen alone and in combination, typically include but are not limited to affective disorders, dementia, delirium, late-onset psychoses, medical presentations of psychiatric disorders, iatrogenesis, adjustment disorders, anxiety disorders, sleep disorders, sexual disorders, substance abuse disorders, personality disorders, and continuation of psychiatric illnesses that began earlier in life.
4. The performance of mental status examination, community and environmental assessment, family and caregiver assessment, medical assessment, and physical functional assessment. Such skills form the basis for formal multidimensional geriatric assessment, using the appropriate synthesis of clinical findings and historical as well as current information acquired from the patient and/or relevant others (such as family members, caregivers, and other health-care professionals). The multidimensional assessment is essential to short-term and long-term diagnostic and treatment planning; as such, training must be provided in formulating the various assessments into an appropriate and coherent treatment plan.
5. The formal and informal administrative leadership of the mental health-care team, including skills in communicating treatment plans to the patient and the family.
6. The selection and use of clinical laboratory tests; radiologic and other imaging procedures; and polysomnographic, electrophysiologic, and neuropsychologic tests, as well as making appropriate referrals to and consultations with other health-care specialists.
7. The initiation and flexible guidance of treatment, with the need for ongoing monitoring of changes in mental and physical health status and medical regimens. Residents should be taught to recognize and manage psychiatric comorbid disorders (eg, dementia and depression), as well as the management of other disturbances often seen in the elderly, such as agitation, wandering, changes in sleep patterns, and aggressiveness.
8. The recognition of the stressful impact of psychiatric illness on caregivers. Attention should be placed on the appropriate guidance of and protection of caregivers, as well as the assessment of their ability to function.
9. Recognition and assessment of direct or indirect elder abuse.
10. The appropriate use of community or home health services, respite care, and the need for institutional long-term care.
11. The management of the care of elderly persons with emotional or behavioral disorders, including the awareness of appropriate modifications in techniques and goals in applying the various psychotherapies (with individual, group, and family focuses) and behavioral strategies.
12. The indications, side effects, and therapeutic limitations of psychoactive drugs and the pharmacologic alterations associated with aging, including changes in pharmacokinetics, pharmacodynamics, drug interactions, overmedication, and problems with



compliance. Attention should be given to the psychiatric manifestations of iatrogenic influences such as the multiple medications frequently taken by the elderly.

13. The use of nonpharmacologic approaches, with particular reference to applications and limitations of behavioral therapeutic strategies, physical restraints, and the appropriate use and application of electroconvulsive therapy in the elderly.
14. The appropriate use of psychodynamic understanding of developmental problems, conflict, and adjustment difficulties in the elderly that may complicate the clinical presentation and influence the doctor-patient relationship or treatment planning.
15. The ethical and legal issues especially pertinent to geriatric psychiatry, including competence, guardianship, right to refuse treatment, wills, informed consent, patient abuse, and the withholding of medical treatments.
16. The current economic aspects of supporting services, including but not limited to Title III of the Older Americans Act, Medicare, Medicaid, and cost containment.
17. The research methodologies related to geriatric psychiatry, including biostatistics, clinical epidemiology, medical information sciences, decision analysis, critical literature review, and research design (including cross-sectional and longitudinal methods).

#### C. Conferences

Conferences in geriatric psychiatry, such as grand rounds, case conferences, readings seminars, and journal club should be specifically designed to augment the clinical experiences. Regular attendance by the residents and the faculty should be documented.

#### D. Resident Policies

1. The program director must ensure, direct, and document proper supervision of all geriatric psychiatry residents at all times by appropriately qualified faculty. The responsibility or independence given to residents in patient care should depend on their knowledge, skill, experience, and the complexity of the patient's illness. Residents must be provided with rapid, reliable methods for communicating with supervising physicians. Each resident shall have a minimum of 2 hours of individual supervision of clinical activities weekly.
2. The program should carefully monitor any activity outside the program that interferes with education, performance, or clinical responsibility. The program should carefully monitor all on-call schedules and hours within and outside the program to prevent interference with education, performance, or clinical responsibility. The monitoring should ensure:
  - a. One full day out of 7 free of program duties.
  - b. On average, on-call duty no more than every third night.
  - c. Adequate backup if patient care needs create resident fatigue sufficient to jeopardize patient care or resident welfare during or following on-call periods.
3. At all program facilities, the geriatric psychiatry residents must be given responsibilities commensurate with their postgraduate status and appropriate to their skill and experience in the provision of patient care. Residents must actively participate in a physician-directed geriatric team on both inpatient and outpatient services.

#### E. Other Program Components

1. **Scholarly Activity**  
Graduate medical education must take place in an environment of inquiry and scholarship; in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. As part of the academic environment, an active scholarly component must be included within the geriatric psychiatry program. Faculty members should participate actively in basic, clinical, and/or health services research. The program should provide each resident with a

meaningful, individually supervised opportunity to participate in research or scholarly activity.

#### 2. Presence of Other Training Programs

The program should provide peer interaction between its geriatric psychiatry residents and those of other medical specialties. To achieve this goal, there should be an ACGME-accredited training program in at least one relevant nonpsychiatric specialty, such as neurology, internal medicine, family practice, or physical medicine and rehabilitation within the participating institutions of the geriatric psychiatry program. Peer interaction among the programs should occur in the course of clinical and/or didactic work but is most satisfactory when organized around joint patient evaluation and/or care.

#### 3. Resident Teaching Experiences

The program should provide appropriate experiences designed to develop the administrative and teaching skills of the geriatric psychiatry residents. As the geriatric psychiatry residents progress through the program, they should have the opportunity to teach personnel such as other residents, medical students, nurses, and allied health professionals.

### VI. Evaluation

#### A. Evaluation of Residents

There must be at least quarterly evaluation of the geriatric psychiatry residents by all supervisors and the directors of clinical components of training. These evaluations must be discussed with the resident and placed in the training record. The program director shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.

#### B. Faculty Evaluation

Geriatric psychiatry residents must also be provided with a mechanism for the written evaluation of all supervisors and of the didactic and clinical components of the educational program.

#### C. Program Evaluation

1. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.
2. Written evaluations by residents should be utilized in this process.
3. One measure of the quality of the program will be the participation in and performance of its graduates on the Added Qualifications certifying examination conducted by the ABPN.

### VII. Certification

Those individuals planning to seek Added Qualifications certification through the ABPN should communicate with the administrative officer of the ABPN prior to beginning training to ascertain the requirements.

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# Program Requirements for Residency Education in Diagnostic Radiology

## I. Objective

Diagnostic radiology encompasses a variety of diagnostic imaging techniques, including all aspects of roentgen diagnosis, nuclear radiology, diagnostic ultrasound, magnetic resonance imaging, and the use of other forms of radiant energy. The residency program in diagnostic radiology shall offer a quality graduate medical education experience of adequate scope and depth in all of these associated diagnostic disciplines.

The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Diagnostic Radiology as part of the regular review process.

## II. Training Period

The program shall offer a minimum of 4 years of graduate medical education (including vacation and meeting time) in diagnostic radiology, of which at least 40 months of training must be in the parent or integrated institution(s). The minimum period of training in nuclear radiology shall be 6 months.

## III. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

#### 1. Qualifications of the Program Director

There must be a single program director responsible for the program. She or he must be a staff member who is a diagnostic radiologist or a radiologist and must contribute sufficient time to the program to fulfill all of the responsibilities inherent in meeting the educational goals of the program. The program director must have appropriate authority to organize and fulfill administrative and teaching responsibilities to achieve the educational goals. She or he shall be certified by the American Board of Radiology or possess suitable equivalent qualifications, as determined by the RRC. The program director must be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.) She or he also must hold an appointment in good standing to the medical staff of an institution participating in the program. A complete curriculum vitae of the program director shall be filed with the executive secretary of the RRC at the time of appointment and updated with each review of the program by the RRC.

#### 2. Responsibilities of the Program Director

The program director shall be responsible for the total training in diagnostic radiology, which includes the instruction and supervision of residents. The program director shall be responsible for evaluation of the teaching staff in concert with and with the approval of the department chair.

The program director is responsible for promptly notifying the executive secretary of the RRC in writing of any major changes in the program, including changes in leadership. Prior approval of

the RRC is required for the addition or deletion of a major participating hospital, for an increase in the number of residents in the program, and for a major change in the format of the program. On review of a proposal for major change in a program, the RRC may determine that a site visit is necessary.

The director is also responsible for the following:

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- f. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

### B. Other Teaching Staff

All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities. There must be a sufficient number of teaching staff to instruct and supervise adequately all the residents in the program. The teaching staff must be qualified in those areas in which they are assigned to instruct and supervise residents, and they must contribute sufficient time to the program to provide adequate instruction and supervision.

A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

At least one faculty member in each program must be designated to have primary responsibility for the educational content of each subspecialty area (see Section VII). No faculty member can have primary responsibility for the educational content of more than one subspecialty area, although faculty can have clinical responsibility and/or teaching responsibilities in several. Evidence for subspecialty commitment must be documented by each faculty member's clinical teaching and research in the particular area.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## IV. Program Design

All educational components of a residency program should be related to program goals. The program design and/or structure must be approved by the RRC as part of the regular review process.

Participation by any institution providing more than 6 months of training must be approved by the RRC. The residency program in di-

agnostic radiology must have one parent institution with primary responsibility for the entire program. When any institution(s) other than the parent is utilized for the clinical or basic science education of a resident in diagnostic radiology, letters of agreement must be provided by the appropriate institutional authority. Institutions may participate on an affiliated or an integrated basis. An integrated relationship is one where the program director (a) appoints the members of the teaching staff and is involved in the appointment of the chief of service at the integrated institution, (b) determines all rotations and assignments at the integrated institution, and (c) is responsible for the overall conduct of the educational program in the integrated institution. Rotations to integrated institutions are not limited in duration. However, rotations to affiliated institutions may not exceed 8 months in the 4-year diagnostic radiology program.

The purpose of another institution's participation and the educational contribution to the total training program shall be defined. Service responsibility alone at a participating institution does not constitute a suitable educational experience. Affiliation shall be avoided with institutions that are at such a distance from the parent institution as to make resident attendance at rounds and conferences impractical, unless there is a comparable educational experience at the affiliated institution.

## V. Facilities

The program must provide adequate space, equipment, and other pertinent facilities to ensure an effective educational experience for residents in diagnostic radiology, taking into account the modern facilities and equipment required in all of the subspecialty rotations (see Section VII).

Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Library services should include the electronic retrieval of information from medical databases. There must be access to an on-site library or to a collection of journals, references, and resource materials pertinent to progressive levels of education in diagnostic radiology and associated fields in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## VI. Clinical Resources

The program in diagnostic radiology must provide a sufficient volume and variety of patients, as defined in Section VII.

## VII. Training Content

The clinical training must provide for progressive, supervised responsibility for patient care and must ensure that the supervised resident performs those procedures commonly accepted in all aspects of diagnostic radiology. The training, in general, must include progressive study and experience in all diagnostic radiologic subspecialties as well as in diagnostic radiologic physics, radiation biology, radiation protection, and pathology.

The training program shall be divided into periods of experience, which must include the following subspecialty areas: chest radiology (including mammography), musculoskeletal radiology, gastrointestinal radiology, genitourinary radiology, neuroradiology, pediatric radiology, cardiovascular and interventional radiology.

Additionally, each resident should have documented supervised experience in interventional procedures, such as guided biopsies, drainage procedures, noncoronary angioplasty, embolization and infusion procedures, and percutaneous introduction techniques. These requirements may be met by a cooperative program with other departments and residencies.

Each resident must have basic life-support training, and advanced cardiac life-support training is recommended.

Acceptable experience in cardiovascular radiology requires, at a minimum, that the resident be present during interpretation of adult and pediatric angiographic and arteriographic evaluation of acquired and congenital conditions. Experience in cardiac echocardiography is recommended. Preferably, each resident shall have a defined rotation in cardiac catheterization as an observer or assistant and participate in the interpretation of those procedures. These requirements may be met by a cooperative program with the department of cardiology.

Computed tomography, diagnostic ultrasound, magnetic resonance imaging, and nuclear radiology must be included as separate rotations or integrated with the diagnostic radiology primary rotations. Experience in obstetrical ultrasound is required.

The program director must be able to document the experience of residents in the performance of neuroradiologic, vascular and interventional procedures; specialized procedures in musculoskeletal radiography, eg, arthrography; and image-assisted biopsy and drainage procedures. The experience of residents must not be significantly diminished by the presence of other residents such as fellows and postgraduate residents. Radiation biology, diagnostic radiologic physics, and radiation protection are required elements of the curriculum. In view of the importance of understanding pathology as a basis for radiologic diagnosis, emphasis should be placed on its study. Radiologic/pathologic conferences are required for those residents who do not participate in formalized extramural pathology teaching programs.

Radiologic education in different organ systems must provide the opportunity for residents to develop adequate knowledge regarding normal and pathologic physiology, including the biologic and pharmacologic actions of materials administered to patients in diagnostic studies.

Patient service commitments must not compromise the achievement of the program's educational goals and objectives.

## VIII. Resident Supervision/Duty Hours

The responsibility or independence given to residents should depend on their knowledge, manual skill, and experience. Additional personnel must be available within appropriate time intervals to perform or to supervise necessary technical procedures. Duty hours and night and weekend call for residents must reflect the concept of responsibility for adequate patient care. However, residents must not be required regularly to perform excessively difficult or prolonged duties. It is recommended that residents should be allowed to spend at least 1 full day out of 7 away from the hospital and should be assigned on-call duty in the hospital no more than, on average, every third night. It is the responsibility of the program director to monitor resident assignments to ensure adherence to this recommendation.

Resident stress should be monitored, including mental or emotional conditions inhibiting performance or learning, and drug- or alcohol-related dysfunction. The program director and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

## IX. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment

of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
2. Participation in journal clubs and research conferences.
3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in scholarly activities.

## X. Educational Environment

The education in diagnostic radiology must occur in an environment that encourages the interchange of knowledge and experience among residents in the program and with residents in other major clinical specialties located in those institutions participating in the program.

## XI. Training Complement

Peer contact and discussion are as important to the learning process as contact with teaching faculty. The number of diagnostic radiology residents in the program must be sufficient to provide for frequent and meaningful discussion with peers as well as to provide appropriate coverage for adequate patient care. Appointment of a minimum of eight residents with, on average, two appointed each year, is required for an efficient learning environment.

As noted above, prior approval of the RRC is required for an increase in the number of residents. The complement of residents must be commensurate with the total capacity of the program to offer an adequate educational experience in diagnostic radiology.

## XII. Evaluation

### A. Resident Evaluation

The program director is responsible for regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician. Evaluations of each resident's progress and competence should be conducted preferably at the end of each rotation, but not less than four times yearly. The evaluation must concern itself with intellectual abilities, attitudes and character skills, and clinical and technical competence. There must be provision for appropriate and timely feedback of the content of these evaluations to the resident. Residents should be advanced to positions of higher responsibility only on the basis of their satisfactory progressive scholarship and professional growth. The program must maintain a permanent record of the evaluation and counseling process for each resident. Such records must be accessible to the resident and other authorized personnel.

A written final evaluation for each resident who completes the program must be provided. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

### B. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews. The teaching staff should also periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

The RRC will consider the performance of a program's graduates on the examinations of the American Board of Radiology as one measure of the quality of the training program.

## XIII. Teaching File

A teaching file of images referable to all aspects of diagnostic radiology must be available for use by residents. This file shall be indexed, coded, and currently maintained.

## XIV. Conferences

Conferences and teaching rounds must be correlated and provide for progressive resident participation. There should be intradepartmental conferences as well as conferences with each major clinical department of sufficient frequency, and in which both residents and staff participate on a regular basis.

## XV. Information on Certification

Residents who plan to seek certification by the American Board of Radiology should communicate with the executive director of the Board to be certain of all requirements, including duration of training, for admission to the examination process.

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## Policies and Procedures for Residency Education in the Subspecialties of Diagnostic Radiology

Subspecialty programs must be administratively linked to an accredited core residency program in diagnostic radiology. (The only exception is pediatric radiology, as discussed below.) An application for accreditation of a new subspecialty program will be considered only if the core program has full accreditation. An application will not be accepted for review if the core program in diagnostic radiology is accredited on a provisional or a probationary basis, or if it has been accredited with a warning that adverse action will be taken if it is not in substantial compliance with the *Essentials of Accredited Residencies in Graduate Medical Education* at the time of the next review.

A subspecialty program in pediatric radiology may not necessarily be administratively linked to an accredited core residency program in diagnostic radiology if the pediatric radiology program is conducted in a children's hospital. In such a case, the subspecialty program may be considered free-standing and, therefore, not required to be under the sponsorship of a diagnostic radiology residency program.

An on-site survey of the proposed program is required for the initial review by the Residency Review Committee. Accreditation will be granted on the basis of the application and the written report from the on-site survey of the proposed program. Following the initial approval, the subspecialty program will be surveyed and reviewed in conjunction with the core diagnostic radiology program.

Subspecialty programs will be designated as "accredited" or "non-accredited." No other delineation of accreditation categories will be used. The accreditation status of the subspecialty program will be directly related to that of the core diagnostic radiology program, as follows:

Subspecialty programs may be cited for deficiencies and advised that either the deficiencies must be corrected by the specified time or accreditation will be withdrawn regardless of the accreditation status of the associated diagnostic radiology program.

If the associated diagnostic radiology program is accredited on a probationary basis, or accredited with a warning that adverse action will be taken, the subspecialty program will be informed that its accreditation status is also in jeopardy. Thereafter, accreditation of the subspecialty programs will be withdrawn if the Residency Review Committee finds that the sponsoring institution(s) is (are) not making satisfactory progress in addressing the adverse accreditation status of the core diagnostic radiology program.

Withdrawal of accreditation of the core diagnostic radiology residency program will result in simultaneous withdrawal of accreditation of the subspecialty program.

In the case of withholding of accreditation or withdrawing accreditation of subspecialty programs, the "Procedures for Appeal of Adverse Actions" apply.

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## Program Requirements for Residency Education in Neuroradiology

In addition to the requirements described below, the statements in the diagnostic radiology requirements concerning program goals and objectives, program director and faculty qualifications and responsibilities, research and scholarly activity, and evaluation mechanisms also pertain to the neuroradiology subspecialty programs.

### I. Definition and Objectives

The body of knowledge and practice of neuroradiology comprises both imaging and interventional procedures related to the brain, spine and spinal cord, head, neck, and organs of special sense in adults and children. Special training and skills are required to enable the neuroradiologist to function as an expert diagnostic and therapeutic consultant and practitioner. The objective of training in this subspecialty of radiology is to provide residents with an organized, comprehensive, and highly supervised full-time educational experience in the selection, interpretation, and performance of these examinations and procedures and to provide them with opportunities and skills for research in the field of neuroradiology.

A neuroradiology training program should function in direct association and/or affiliation with an Accreditation Council for Graduate Medical Education (ACGME)-accredited training program in general diagnostic radiology.

### II. Duration of Training

The program shall offer a minimum of 1 year of graduate medical education in neuroradiology. This year of training must follow successful completion of an ACGME-accredited program in diagnostic radiology or its equivalent.

### III. Program Director

The program director must be certified by the American Board of Radiology in diagnostic radiology or radiology or possess equivalent qualifications, and shall have had appropriate postresidency experience in neuroradiology, preferably fellowship training. The program director must be a member of the radiology staff and shall spend essentially all professional time in neuroradiology. He or she must devote sufficient time to the program to fulfill all of the responsibilities inherent in meeting the educational goals of the program. It is desirable that the program director hold a faculty position in an academic radiology department. The program director is responsible for establishing the curriculum. The program director shall select and supervise the residents and select other neuroradiology faculty members.

### IV. Teaching Staff

At a minimum, the neuroradiology faculty must include, in addition to the program director, one or more neuroradiologists whose total time commitment to neuroradiology is at least one half-time equivalent and who are able to devote adequate time to the program. Their expertise may be limited to a segment of neuroradiology or a related discipline, eg, interventional neuroradiology, pediatric neuroradiology, or head and neck radiology. The faculty must provide didactic teaching and supervision of the trainees' performance and interpretations of neuroradiologic procedures. The faculty should be a stimulus to scholarly activity and should be able to direct residents in the conduct of such activities. The effectiveness of the faculty should be periodically evaluated by the program director in consultation with the various faculty members and trainees. It is desirable that as many members of the teaching staff as possible hold faculty positions in academic radiology departments.

### V. Faculty/Resident Ratio

The total number of residents in the program must be commensurate with the capacity of the program to offer an adequate educational experience in neuroradiology. The minimum number of residents need not be greater than one, but two residents is desirable. To ensure adequate supervision and evaluation of a resident's academic progress, the faculty/resident ratio should not be less than one full-time faculty person for every two residents.

### VI. Educational Program

#### A. Curriculum

The program must offer the opportunity for residents to perform, consult, conduct, and interpret, under close supervision, invasive as well as noninvasive procedures in neuroradiology. The procedures shall include cerebral angiography; myelography; computed tomography (CT); magnetic resonance imaging (MRI); ultrasound of the central nervous system and vessels; and plain film radiography related to the brain, head, neck, and spine. It is also desirable that there be exposure to positron emission tomography and magnetic resonance (MR) spectroscopy. With regard to invasive procedures, residents must be given graduated responsibility in the performance of the procedures as competence increases. Responsibility for these procedures should include preprocedural and postprocedural patient care.

Clinical and educational experience in the basic clinical neurosciences (eg, neurosurgery, neurology, neuropathology, otolaryngology, and ophthalmology) and in the basic radiological sciences (eg, radiation and MR physics, radiation biology, and the pharmacology of radiographic contrast materials) must be provided. It is expected that there will be strong clinical services in neurological surgery and neurology in the institution sponsoring the neuroradiology

ogy program. The majority of the time in the program should be spent in clinical training in neuroradiology.

### B. Conferences and Didactic Training

There shall be intradepartmental conferences as well as conferences with related clinical departments in which residents and trainees participate on a regular basis. These should include one or more weekly departmental conferences in neuroradiology, as well as institutional conferences in clinical neurosciences that are held at least monthly. Residents should be encouraged to attend and participate in local extramural conferences and should attend at least one national meeting or postgraduate course in neuroradiology while in training.

Residents should be encouraged to present the radiologic aspects of cases that are discussed in clinical conferences related to allied disciplines such as neurosurgery and the neurological sciences. They should also prepare clinically or pathologically proved cases for inclusion in the teaching file.

There should be daily "film reading" conferences that should require trainees to reach their own diagnostic conclusions, which should then be reviewed and criticized by faculty/staff. These conferences need not be limited to clinically current cases but may be based on cases that are already within the teaching file. Diagnostic reports generated by residents should be closely reviewed for content, level of confidence, grammar, and style.

### VII. Clinical Resources

The program in neuroradiology must provide a sufficient volume and variety of patients with neurological, neurosurgical, ophthalmologic, otorhinolaryngologic, spinal, and other pertinent disorders so that trainees gain adequate experience in the full gamut of neuroradiologic examinations, procedures, and interpretations. The program must provide an adequate volume and variety of invasive cases (eg, neuroangiography, myelography, digital subtraction angiography [DSA], and therapeutic embolization) and noninvasive neuroradiologic examinations (eg, CT, MR, and plain film studies). The program director should require residents to maintain documentation of the invasive cases in which they have been the performing radiologist and should review the logs with them at least once in the course of the training year. Clinical experience may be supplemented by training through affiliations with other institutions.

The subspecialty program in neuroradiology must not have an adverse impact, such as by dilution of the available clinical material, on the education of the diagnostic radiology residents in the same institution.

### VIII. Supervision/Duty Hours

The responsibility or independence given to residents should depend on their knowledge, manual skill, and experience. Additional personnel must be available within appropriate time intervals to perform or to supervise necessary technical procedures. Duty hours and night and weekend call for residents must reflect the concept of responsibility for patients and provide for adequate patient care. However, residents must not be required regularly to perform excessively difficult or prolonged duties. It is the responsibility of the program director to ensure assignment of reasonable in-hospital duty hours.

### IX. Equipment and Space

The following equipment, which should be "state of the art," should be available: MR imager, CT scanner, film-screen and DSA equipment, a radiographic-fluoroscopic room(s) with tilt table suitable for performing myelography, and conventional radiographic and tomographic equipment. The examination rooms should be equipped for monitoring so that examinations may be performed in high-risk

patients. Adjacent to or within examination rooms there should be facilities for storing the catheters, gowns, embolic materials, contrast material, and other supplies needed for the conduct of neuroradiologic procedures. A room should be available near the angiographic room for sterilization and preparation of catheters, instrument trays, and other reusable supplies. There must be adequate space within the department to house these facilities.

Adequate areas for film display, interpretation of films, and consultation with clinicians must be available. There must be adequate office space and support space for neuroradiology faculty/staff and trainees.

The program should provide office space, office supplies, and secretarial help for the conduct of research projects. Assistance with literature searches, editing, statistical tabulation, and photography should be provided.

### X. Laboratory

The institution should provide laboratory facilities to support research projects. It is highly desirable to have an animal facility with radiographic-fluoroscopic equipment, particularly that which might be used for invasive diagnostic and therapeutic neuroradiologic procedures.

### XI. Library

There should be ready access to a library of general medical texts and periodicals. In particular, there should be periodicals and texts in the fields of neuroradiology, diagnostic radiology, head and neck radiology, neurology, neurosurgery, neuroanatomy, and orthopedic surgery. It is desirable that computerized literature search facilities also be available.

### XII. Evaluation of Residents

The evaluation of residents must be documented at frequent intervals through appropriate techniques, which include faculty appraisal, examination, quality assurance techniques, or a combination of these. Documented evaluation of performance and progress must be made available to the trainee, not less than four times during the training year.

### XIII. Resident Participation in Research

Residents should be encouraged to undertake investigative study of either a clinical or basic science nature. At least one project of such merit that it could be submitted for publication should be encouraged.

### XIV. Interchange With Residents in Other Specialties and With Students

Residents should be encouraged to participate in the research projects of residents and staff persons in other specialties. They should attend clinical conferences in other specialties and serve as consultants to these conferences. It is desirable that they participate in the clinical teaching of medical students and also in the preclinical curriculum in subjects such as anatomy and physiology.

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## Program Requirements for Residency Education in Nuclear Radiology

In addition to the requirements described below, the statements in the diagnostic radiology requirements concerning program goals and objectives, program director and faculty qualifications and re-

sponsibilities, research and scholarly activity, and evaluation mechanisms also pertain to the nuclear radiology subspecialty programs.

### **I. Objective**

Residency training programs in nuclear radiology must provide advanced training in the medical uses of radionuclides for in vivo imaging.

### **II. Definition**

Nuclear radiology is defined as a clinical subspecialty of radiology involving imaging by external detection of radionuclides and/or biodistribution by external detection of radionuclides in the body for diagnosis of disease.

A training program in nuclear radiology will be accredited only in those institutions that have an accredited training program in diagnostic radiology.

Programs in nuclear radiology will be reviewed and accredited in conjunction with review and accreditation of training programs in diagnostic radiology.

### **III. Training Period**

The training period in nuclear radiology shall be a minimum of 1 year in length. The resident must be full-time in nuclear radiology in each of the 12 months required for nuclear radiology training.

### **IV. Direction and Supervision**

The program director is responsible for the instructional program and for supervision of residents. The program director shall be certified by the American Board of Radiology with Special Competence in Nuclear Radiology, by the American Board of Nuclear Medicine, or possess suitable equivalent qualifications. It is desirable that faculty members be certified in boards appropriate to those areas in which they are assigned to instruct and supervise residents. They must contribute sufficient time to the program to provide adequate instruction and supervision.

### **V. Institutional Support**

Those aspects of institutional support that pertain to residencies in diagnostic radiology shall also apply to programs in nuclear radiology, eg, administrative support, facilities, and clinical resources.

### **VI. Educational Requirements**

1. The training program shall include graduated study, experience, and responsibility in all facets of nuclear radiologic diagnosis, medical nuclear and diagnostic radiological physics, radiobiology, health physics and protection, nuclear medical instrumentation, radiopharmaceutical chemistry and instrumentation, clinical applications of nuclear radiology, and pathology.
2. The program must provide adequate opportunity for a resident to participate in and personally perform a broad range of nuclear radiologic procedures.
3. Formal instruction in diagnostic radiologic and medical nuclear physics, radiobiology, and radiopharmaceutical chemistry is required.
4. Appropriate emphasis must be placed on the educational value of teaching rounds and conferences. In addition, there should be frequent interdepartmental teaching conferences.
5. A faculty (nuclear medicine physician)-to-resident ratio of 1:2 should adequately provide for teaching and supervisory responsibilities.
6. State-of-the-art nuclear imaging equipment should be available for instructional purposes.
7. The educational program must provide for well-balanced and progressive resident participation through examination of a diverse

patient population, with continuous teaching, and an active research effort in nuclear radiology.

### **VII. Research**

The program should provide an environment in which a resident is encouraged to engage in investigative work with appropriate faculty supervision. Documentation of this environment should be made in the application and indicated by papers published by residents and/or clinical faculty.

### **VIII. Literature Resources**

The program shall provide a sufficient variety of journals, references, and resource materials pertinent to the study of nuclear radiology. In addition, residents must have access to a general medical library.

### **IX. Teaching File**

A teaching file of images referable to all aspects of nuclear radiology must be available for use by residents. This file should be indexed, coded, and currently maintained.

Residents who plan to seek certification by the American Board of Radiology should communicate with the executive director of the board to ascertain the full requirements for this category of certification.

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## **Program Requirements for Residency Education in Pediatric Radiology**

In addition to the requirements described below, the statements in the diagnostic radiology requirements concerning program goals and objectives, program director and faculty qualifications and responsibilities, research and scholarly activity, and evaluation mechanisms also pertain to the vascular/interventional radiology subspecialty programs.

### **I. Definition and Objectives**

The training program in the subspecialty of pediatric radiology constitutes a supervised experience in the pediatric application and interpretation of roentgenography, computed tomography, ultrasonography, angiography, radionuclide scintigraphy, magnetic resonance imaging, and any other imaging modality customarily included within the specialty of diagnostic radiology. The program should be structured to enhance substantially the trainee's knowledge of the application of all forms of diagnostic imaging to the unique clinical/pathophysiologic problems of the newborn, infant, child, and adolescent. The fundamentals of radiobiology, radiologic physics, and radiation protection as they relate to the infant, child, and adolescent should be reviewed during the pediatric radiology training experience.

### **II. Organizational Considerations**

A program of pediatric radiology training should function whenever feasible in direct association and/or affiliation with an Accreditation Council for Graduate Medical Education (ACGME)-accredited program in diagnostic radiology. Pediatric radiology programs may be conducted in either a children's hospital or a general hospital.

### **III. Duration of Training**

The program shall offer 1 year of graduate medical education in pediatric radiology. Completion of an ACGME-accredited program in diagnostic radiology or its equivalent must precede advanced training in pediatric radiology.

#### IV. Program Director

The director of a pediatric radiology program should be a qualified educator and supervisor of trainees in pediatric radiology. He or she must be certified by the American Board of Radiology in radiology or diagnostic radiology or possess equivalent qualifications. The director must devote sufficient time to the program to fulfill all of the responsibilities inherent in meeting the educational goals of the program. The program director is responsible for establishing the curriculum as well as procedures for the evaluation of the resident's competency. The program director shall select and supervise the trainees and shall select other pediatric radiology faculty members. The director must be responsible for the adequacy of the facilities, including support resources necessary for ensuring the provision of an education of high quality.

#### V. Teaching Staff

There should be sufficient qualified professional personnel to constitute a teaching faculty. The faculty should comprise no less than two experienced pediatric radiologists, including the program director, who work full-time in clinical pediatric radiology and are able to devote adequate time to the program. The minimum faculty requirement may be met by the program director and one other full-time (ie, two or more individuals) equivalent faculty member. Although it is desirable that pediatric radiologists supervise special imaging (as, for example, angiography, nuclear medicine, computed tomography, and/or magnetic resonance imaging), in instances where they are not expert in a special imaging technique, other radiologists who are specialists in that imaging method should be part-time on the pediatric radiology faculty. Because such radiologists are usually not broadly experienced in the discipline and practice of pediatric radiology, pediatric radiologists should participate in the interpretation and correlation of the findings of these special imaging examinations.

There should be an ACGME-accredited residency in pediatrics to provide an appropriate patient population and educational resources in the institution. In addition to full-time pediatricians, there should be one or more pediatric surgeons, one or more pediatric cardiologists, and one or more pediatric pathologists. These pediatric specialists may serve as additional faculty.

#### VI. Faculty-to-Resident Ratio

A ratio of one pediatric radiologist for every two residents is recommended to provide adequate opportunity for teaching and supervision.

#### VII. Resident-to-Patient Ratio

The institution's pediatric population must include patients with a diversity of pediatric illnesses from which broad experience can be gained. The number of pediatric radiology residents in a program at any given time should reflect the patient census to assure each trainee of an adequate experience. The program must have sufficient volume and variety of patients to ensure that residents gain experience in the full range of pediatric radiologic examinations, procedures, and interpretations. A reasonable experience would be approximately 10,000 pediatric radiologic examinations per year per resident. The number of radiologic examinations available for the pediatric radiology resident should not be unduly diluted by the presence and rotation of diagnostic radiology residents and/or other trainees and fellows.

#### VIII. Curriculum

The training should consist of didactic and clinical experiences that encompass the scope of pediatric radiology, from the neonate to the adolescent. Every organ system should be studied in the contexts of

growth and development, congenital malformations, diseases peculiar to infants and children, and diseases beginning in childhood but causing substantial residual impairment in adulthood. The didactic component should promote scholarship, self-instruction, teaching, and research activity. It should foster the development of analytic skills and judgment. The clinical component should facilitate skillful technical performance of low-radiation-dose procedures on all organ systems that are examined in the practice of pediatric radiology. There should be experience with pediatric imaging in both inpatient and outpatient settings.

Residents must have graded responsibility and supervision in the performance of procedures and the perfection of technical skills. It is essential that the pediatric radiology trainee be instructed in common pediatric imaging technical procedures and their indications, limitations, judicious utilization, and risks, especially radiation dose considerations. Where the program is conducted in a general hospital, the pediatric radiology trainee must have training in special imaging examinations of pediatric patients. The scope of a 1-year training program in pediatric radiology shall include all diagnostic imaging applicable to the pediatric patient. Allowing for no more than 4 weeks' vacation, the clinical and didactic curriculum must include musculoskeletal, cardiopulmonary, gastrointestinal, and genitourinary pediatric radiology. In each organ system, there are indications for the use of ultrasound, computed tomography, and magnetic resonance imaging. The resident is responsible for following the imaging workup of the patient and must be substantially involved in the performance and interpretation of examinations that utilize each of these modalities. Correlation of radiologic findings with the clinical management aspects of pediatrics is essential.

The pediatric radiology resident should have at least 2 weeks of experience in each of the specialized areas of pediatric neuroradiology, pediatric vascular/interventional radiology, and pediatric nuclear medicine. This experience may be obtained through a combination of lectures, conferences, seminars, and involvement as the primary or secondary operator and by observing procedures. Supervised instruction should be provided by physicians with special expertise in those disciplines. It may be necessary to supplement the pediatric experience with experience in adult patients in vascular and interventional procedures owing to limited volume of pediatric studies in some institutions. The program must require residents to document training in vascular/interventional, neuroradiology, and nuclear medicine in a logbook.

Residents in pediatric radiology should serve as pediatric radiologic consultants under the supervision of staff pediatric radiologists. The teaching experience should include pediatric- and radiologic-oriented conferences with medical students, graduate medical staff, and allied health personnel.

#### IX. Supervision/Duty Hours

The responsibility or independence given to residents should depend on their knowledge, manual skill, and experience. Additional personnel must be available within appropriate time intervals to perform or to supervise necessary technical procedures. Duty hours and night and weekend call for trainees must reflect the concept of responsibility for patients and provide for adequate patient care. However, residents must not be required regularly to perform excessively difficult or prolonged duties. It is the responsibility of the program director to ensure assignment of reasonable in-hospital duty hours.

#### X. Didactic Teaching/Conferences

Study of clinical and basic sciences as they relate to radiology and pediatrics shall be a part of the didactic program. In addition to conferences, such studies are most effectively integrated with the per-



formance and interpretation of roentgenographic and other imaging examinations.

Subspecialty conferences, seminars, and academic review activities in pediatric radiology must be regularly scheduled. It is essential that the resident participate in the planning and presenting of these conferences. Attendance at multidisciplinary medical conferences is required.

### **XI. Experience in Inpatient and Outpatient Services**

The hospital must have sufficient inpatient and outpatient services, both generally and specifically, in the subspecialty areas of pediatrics. These services must be part of the teaching program and should require diagnostic imaging input for most of their patients.

### **XII. Resident Evaluation**

Evaluation on a regular basis of the competency of the residents should involve assessment of intellectual abilities, manual skills, attitudes, and interpersonal relationships, as well as decision-making skills and facility for critical analysis of clinical problems from an imaging perspective. There must be provision for appropriate confidential feedback of evaluation information to the resident. There should also be a regular opportunity for the resident to evaluate the training program and the faculty.

### **XIII. Resident Participation in Research**

The training program in pediatric radiology should have a research component that will offer the resident an opportunity to learn the fundamentals of design, performance, and interpretation of research studies, as well as how to evaluate investigative methods. Trainees should develop competence in critical assessment of new imaging modalities and of the radiologic literature and should be encouraged to participate actively in research projects.

### **XIV. Interchange With Residents in Other Specialties and With Students**

The training program should have close interaction with a diagnostic radiology residency. Shared experience with the residents in general pediatrics and in the pediatric subspecialties, ie, surgery, pathology, and cardiology, is strongly encouraged; where appropriate, supervision and teaching by expert faculty in these disciplines should occur.

### **XV. Facilities and Space**

Modern facilities and equipment in adequate space must be available and functioning to accomplish the overall educational program of pediatric radiology in a children's hospital. Diagnostic imaging modalities shall include roentgenography, computed tomography, ultrasonography, radionuclide scintigraphy, angiography, and magnetic resonance imaging. In general hospitals that treat patients of all ages, pediatric radiology often is a section of the radiology department; similarly, special imaging services of such departments are separate sections. In such cases, there should be recognition within the special imaging sections of the particular needs of the pediatric radiology program. There should be low-dose roentgenographic/fluoroscopic facilities specifically for children. The availability of all special imaging services for pediatric radiology residents is essential.

Laboratory and pathology services must be adequate to permit residents to enhance their educational experience during the diagnostic imaging and care of patients. The services should be available each day throughout the entire 24 hours.

## **XVI. Library**

Ancillary teaching resources should include access to a medical library with a variety of textbooks and journals in pediatrics, radiology, and related fields. A coded pediatric radiology teaching file that is continuously and actively enhanced with new in-house cases must be available for use by pediatric radiology residents. The American College of Radiology teaching file will only partially meet this requirement.

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## **Program Requirements for Residency Education in Vascular and Interventional Radiology**

In addition to the requirements described below, the statements in the diagnostic radiology requirements concerning program goals and objectives, program director and faculty qualifications and responsibilities, research and scholarly activity, and evaluation mechanisms also pertain to the vascular/interventional radiology subspecialty programs.

### **I. Definition and Objectives of Training**

Vascular and interventional radiology is a branch of medicine that diagnoses and treats diseases using percutaneous methods guided by radiologic imaging. The unique clinical and invasive nature of practice in vascular and interventional radiology requires special training and skills. The vascular and interventional radiologist must be familiar with the signs and symptoms of disorders amenable to diagnosis and/or treatment by these techniques. The significance of the symptoms must be understood, as well as the pathophysiology and natural history of the disorders. He or she must know the indications for and contraindications to vascular and interventional procedures and must be skilled in the clinical and technical aspects of their implementation. He or she must be familiar with the medical and surgical alternatives in these various disorders. The vascular and interventional radiologist must have a complete understanding of imaging methods, including percutaneous imaging-guided procedures, and the fundamentals of radiation physics, radiation biology, and radiation protection.

The objective of training in this subspecialty of radiology is to provide residents with an organized, comprehensive, supervised, full-time educational experience in vascular and interventional radiology, including the performance of vascular and interventional procedures and the integration of these procedures into the clinical management of patients. In addition, training should provide residents with opportunities and skills for research.

A program in vascular and interventional radiology must function in direct association and/or affiliation with an Accreditation Council for Graduate Medical Education (ACGME)-accredited training program in diagnostic radiology.

### **II. Duration of Training**

The program shall offer a minimum of 1 year of graduate medical education in vascular and interventional radiology. Training in vascular and interventional radiology must follow completion of an ACGME-accredited residency in diagnostic radiology or its equivalent.

### **III. Program Director**

The program director must be certified by the American Board of Radiology in diagnostic radiology or radiology, or possess equivalent qualifications, and shall have had appropriate postresidency experi-

ence in vascular and interventional radiology, preferably fellowship training. The program director must be a member of the radiology staff and shall spend essentially all professional time in vascular and interventional radiology. He or she must devote sufficient time to the program to fulfill all of the responsibilities inherent in meeting the educational goals of the program. It is desirable that the program director hold a faculty position in an academic radiology department. The program director is responsible for establishing the curriculum. The program director shall select and supervise the residents and select other vascular and interventional radiology faculty members.

#### IV. Faculty

The program faculty must include at least two full-time vascular and interventional radiologists, including the program director. While the expertise of any one faculty member may be limited to a particular aspect of vascular and interventional radiology, the training program must provide a broad experience, to include all aspects of vascular and nonvascular interventional radiology. The faculty must provide didactic teaching and direct supervision of residents' performance in the clinical patient management, procedural, interpretive, and consultative aspects of vascular and interventional radiology. The faculty also should be a stimulus to scholarly activities and should be able to direct residents in the conduct of such activities. The effectiveness of the faculty should be periodically evaluated by the program director in consultation with the various faculty members and residents. It is desirable that the faculty hold appointments in academic radiology departments.

#### V. Faculty-to-Resident Ratio

The total number of residents in the program must be commensurate with the capacity of the program to offer an adequate educational experience in vascular and interventional radiology. The minimum number of residents need not be greater than one. To ensure an adequate educational experience, as well as adequate supervision and evaluation of a resident's academic progress, the faculty-to-resident ratio must not be less than one full-time faculty person for every two residents.

#### VI. Educational Program

##### A. Curriculum

The training program must offer didactic and clinical experiences that encompass the full clinical spectrum of vascular and interventional radiology. Residents must have the opportunity to carry out all of the following under close supervision: perform clinical preprocedure evaluation of patients, interpret preliminary diagnostic studies, consult with clinicians on other services, perform diagnostic and therapeutic vascular and interventional procedures, generate procedural reports, and administer both short- and long-term post-procedure follow-up care. The continuity of care must be of sufficient duration to ensure that the resident is familiar with the outcome of all interventional procedures.

Both vascular and nonvascular interventional procedures, excluding the central nervous system (internal carotid, vertebral, and spinal arteries), must be included in the training program. Examples of vascular procedures include but are not limited to arteriography, venography, lymphography, angioplasty and related percutaneous revascularization procedures, embolotherapy, transcatheter infusion therapy, intravascular foreign body removal, and percutaneous placement of endovascular prostheses such as stents and inferior vena cava filters. Examples of nonvascular procedures include but are not limited to percutaneous imaging-guided biopsy, percutaneous gastrostomy, percutaneous nephrostomy, ureteral stenting, and other transcatheter genitourinary procedures for diagnosis and for

treatment of lithiasis, obstruction and fistula, percutaneous transhepatic and transcholecystic biliary procedures, percutaneous drainage for diagnosis and treatment of infections and other fluid collections, and miscellaneous percutaneous imaging-guided procedures such as ablation of neoplasms and cysts.

In supervising residents during vascular and interventional procedures, faculty members should reinforce the understanding gained during the diagnostic radiology residency training of x-ray generators, image intensifiers, film, screen-film combinations, film changers, film processing, ultrasonography, computed tomography, and other imaging modalities. Residents must be provided with instruction in the use of needles, catheters, and guide wires, then directly supervised and given graduated responsibility in the performance of procedures as competence increases. A thorough understanding of the clinical indications, risks, and limitations of vascular and interventional procedures is essential to the practice of vascular and interventional radiology. Residents must be instructed in these areas.

Residents also should be instructed in proper use and interpretation of laboratory tests and in methods that are adjunctive to vascular and interventional procedures, such as use of physiologic monitoring devices, noninvasive vascular testing, and noninvasive vascular imaging. There should be specific instruction in the clinical aspects of patient assessment, treatment, planning, and patient management related to vascular and interventional radiology. There also should be instruction in the use of analgesics, antibiotics, and other drugs commonly employed in conjunction with these procedures.

Residents should serve as consultants under the supervision of staff vascular and interventional radiologists. Direct interactions of residents with patients must be closely observed to ensure that appropriate standards of care and concern for patient welfare are strictly maintained. Communication, consultation, and coordination of care with the referring clinical staff and clinical services must be maintained and documented with appropriate notes in the medical record. Reports for the medical record generated by residents should be closely reviewed for accuracy of content, grammar, style, and level of confidence. Residents should also assist and train diagnostic radiology residents in the performance of procedures.

##### B. Conferences and Didactic Training

There shall be intradepartmental conferences as well as conferences with related clinical departments in which residents participate on a regular basis. These should include one or more weekly departmental conferences and at least one interdisciplinary conference per week at which attendance is required. In particular, interdepartmental conferences with the surgical specialties should be an important teaching component.

There must be documented regular review of all mortality and morbidity related to the performance of interventional procedures. Residents must participate actively in this review, which should be held not less than monthly. Residents should be encouraged to attend and participate in local extramural conferences and should attend at least one national meeting or postgraduate course in interventional radiology while in training.

Residents should be encouraged to present the radiologic aspects of cases that are discussed in multidisciplinary conferences. They also should prepare clinically or pathologically proven cases for inclusion in the teaching file.

#### VII. Patient Population

The institution's patient population must have a diversity of illness, from which a broad experience in vascular and interventional radiology can be obtained. There also must be an adequate variety and number of interventional procedures for each trainee. Each trainee must document his or her direct participation in a minimum of ap-

proximately 500 vascular and interventional procedures. The procedures should be recorded in a personal case log, which should be reviewed periodically with the program director. Clinical experience may be supplemented by training affiliations with other institutions. The subspecialty program in vascular and interventional radiology must not have an adverse impact on the educational experience of diagnostic radiology residents in the same institution.

### VIII. Supervision/Duty Hours

The responsibility or independence given to residents must depend on an assessment of their knowledge, manual skill, and experience. Additional personnel must be readily available to perform or to supervise necessary technical procedures. Duty hours and night and weekend call for residents must reflect the concept of responsibility for patients and provide for adequate patient care. However, residents must not be required regularly to perform excessively difficult or prolonged duties. Residents must have at least 1 full day out of 7 away from the hospital and should be assigned on-call duty in the hospital no more than 7 nights out of 14. It is the responsibility of the program director to ensure assignment of reasonable in-hospital duty hours.

### IX. Equipment and Space

Modern imaging/procedure rooms and equipment must be available and must permit the performance of all vascular and interventional radiologic procedures. Rooms in which vascular and interventional procedures are performed should be equipped with physiologic monitoring and resuscitative equipment. Adjacent to or within procedure rooms, there should be facilities for storing catheters, guidewires, contrast materials, embolic agents, and other supplies. There must be adequate space and facilities for film display, film interpretation, and consultation with other clinicians. There must be adequate office space and support space for vascular and interventional radiology faculty/staff and residents.

Pathology and medical laboratory services and consultation must be regularly and conveniently available to meet the needs of patients, as determined by the medical staff. At least one qualified medical technologist must be on duty or available at all times.

### X. Research Facilities

The institution should provide laboratory and ancillary facilities to support research projects. These laboratory facilities and research opportunities may be made available to vascular and interventional radiology residents through cooperative arrangements with other departments or institutions.

### XI. Library

Teaching resources must include a medical library with access to a variety of textbooks and journals in radiology, vascular and interventional radiology, and related fields. A coded vascular and interventional radiology teaching film file is desirable. The trainee should have access to computerized literature search facilities.

### XII. Evaluation of Residents

Evaluation of the competence and progress of each trainee must be made on a regular basis through appropriate techniques, including faculty appraisal, examination, quality assurance techniques, or a combination of these. This evaluation should include an assessment of intellectual abilities, technical skills, attitudes, and interpersonal relationships, as well as decision-making skills and clinical management skills. Documented evaluation of performance and progress must be made available to the trainee not less than four times during the training year.

### XIII. Trainee Participation in Research

Residents should be encouraged to undertake investigative study of either a clinical or basic science nature. In doing so, they may participate in research projects conducted by the faculty or other residents and should be encouraged to undertake at least one project as principal investigator. They should learn the fundamentals of experimental design, performance, and interpretation of results. Residents must be given the opportunity to develop their competence in critical assessment of new imaging modalities and of new procedures in vascular and interventional radiology. They should be encouraged to submit their work for presentation at national meetings and for publication in scientific journals.

### XIV. Interchange With Residents in Other Specialties and With Students

Residents should be encouraged to participate in research activities with residents and staff persons in other related specialties. They also should be encouraged to attend and participate in clinical conferences in other specialties and to serve as consultants at these conferences. It is desirable that they participate in the clinical teaching of radiology residents and medical students.

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## Program Requirements for Residency Education in Radiation Oncology

### I. Introduction

Radiation oncology is that branch of clinical medicine that utilizes ionizing radiation to treat patients with cancer and, occasionally, diseases other than cancer. The radiation oncologist is an integral part of the multidisciplinary management of the cancer patient and must collaborate closely with physicians in related disciplines and be familiar with their role in the management of the patient.

### II. Program Goals and Objectives

The objective of the residency training program is to educate and train physicians to be skillful in the practice of radiation oncology. To accomplish this goal, adequate structure, facilities, faculty, patient resources, and educational environment must be provided.

The director and teaching staff of a program must prepare and comply with written educational goals for the residency program. All educational components of the program should be related to program goals. The program design and/or structure must be approved by the Residency Review Committee (RRC) for Radiation Oncology as part of the regular review process.

### III. Length of Training

Programs shall offer at least 3 years of graduate medical education in radiation oncology; while the program may extend the duration of training beyond 3 years, the RRC will accredit 3 years as a maximum. Residents shall have completed a suitable first year of post-graduate training before entering a residency program in radiation oncology.

No less than 30 months of the radiation oncology program must be spent in clinical radiation therapy, and it is recommended that the remaining 6 months include 2 to 3 months of medical oncology and a 2- to 3-month rotation in pathology or an equivalent lecture experience in pathology. No more than 6 months may occur in rota-

tions to affiliated institutions outside the institution in which the program resides or outside those participating institutions united to form an integrated program.<sup>1</sup> For those who plan an academic career, an additional year of clinical or laboratory research is encouraged.

#### IV. Program Personnel

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

##### A. Program Director

###### 1. Qualifications

There must be a single program director responsible for the program. The program director must be a practicing radiation oncologist with the requisite and documented clinical, educational, and administrative abilities and experience. She or he must be certified by the American Board of Radiology or possess equivalent qualifications. The program director must be licensed to practice medicine in the state where the institution that sponsors the program is located (certain federal programs are exempted), and also must hold an appointment in good standing to the medical staff of an institution participating in the program. A complete curriculum vitae of the program director shall be filed with the executive secretary of the RRC at the time of appointment and updated with each review of the program by the RRC.

###### 2. Responsibilities of the Director

The program director is responsible for promptly notifying the executive secretary of the RRC, in writing, of any major changes in the program, including changes in leadership. Prior approval of the RRC is required for the addition or deletion of a major participating hospital, for an increase in the number of residents in the program, and for a major change in the format of the program. The director is also responsible for the following:

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

1. An institution is considered "integrated" when there is a written agreement between the parent institution and its program and the integrated institution specifying that the program director (a) appoints the members of the faculty and is involved in the appointment of the chief of service at the integrated institution, (b) determines all rotations and assignments at the integrated institution, and (c) is responsible for the overall conduct of the educational program in the integrated institution.

- f. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- g. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

##### B. Teaching Staff

The program must provide a minimum of three full-time radiation oncologists, one full-time radiation biologist or basic scientist, and one full-time medical physicist for the teaching of clinical radiation oncology, radiation biology, and physics. By full-time, the RRC intends that the individual devote essentially all professional time to the program. The radiation oncologists and the medical physicist should be certified by the American Board of Radiology or possess equivalent qualifications.

All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities. The teaching staff must supervise the residents and provide the opportunity for the residents to gradually accept more responsibility for patient care as training progresses. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.

A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.

The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.

##### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

##### V. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

- A. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
- B. Participation in journal clubs and research conferences.
- C. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
- D. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
- E. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in scholarly activities.

## VI. Training Content

- A. The program director is responsible for the structure and content of the educational program and must document that the resident has been trained in clinical radiation oncology, treatment planning, radiation physics, and radiobiology.

The clinical curriculum must provide the resident with an in-depth knowledge of clinical radiation oncology, including the indications for irradiation and special therapeutic considerations unique to each site and stage of disease. The program must train the resident in standard radiation techniques, as well as the use of treatment aids and treatment planning to optimize the distribution of radiation dose. The resident must also gain a knowledge of normal tissue tolerance to radiation and tumor dose-response. The use of combined modality therapy and unusual fractionation schemes should also be part of the clinical curriculum.

The resident must be trained in the use of external beam modalities, including superficial irradiation, megavoltage irradiation (cobalt 60, low- and high-energy x-rays), electron beam, simulation to localize anatomy, and computerized treatment planning. The faculty must ensure that the resident personally performs all technical procedures such as intracavitary and interstitial placement of radiation sources and that the resident keeps a detailed list of these procedures. The program director should be prepared to submit at the RRC's request the logs of patients irradiated, procedures performed, and modalities used for 3 years of clinical experience for all residents who completed training in the previous year. It is recommended that a resident perform or assist in no fewer than 10 interstitial implants and 10 intracavitary insertions during the course of training.

Programs that include the therapeutic use of hyperthermia, radiolabeled antibodies, intraoperative radiotherapy, and neutron beam and other heavy particle radiotherapy must provide instruction in physics and biology as they apply to these areas of clinical treatment.

- B. Residents must have the opportunity to be educated in the clinical and basic sciences through regularly scheduled lectures, case presentations, conferences, and discussions relevant to the practice of radiation oncology. The training program must provide curricula for the teaching of basic sciences essential to training in radiation oncology, including radiation biology and medical physics. The curriculum in medical physics should include laboratory demonstrations of radiation safety procedures, calibration of radiation therapy machines, the use of the computer for treatment planning, the construction of treatment aids, and the safe handling of sealed and unsealed radiation sources. It is recommended that the program also familiarize the resident with medical statistics and with pathology, with special emphasis on neoplasia and radiation effects.
- C. The training program should provide the resident with the educational opportunity for exposure to the potential value and limitations of other oncologic disciplines, such as medical oncology, surgical oncology, gynecologic oncology, pediatric oncology, and the various surgical subspecialties that play a role in the management of the patient. This will be accomplished by attendance at multidisciplinary and departmental conferences.

During their training, residents will be expected to engage in an investigative project under faculty supervision. This may take the form of laboratory research, clinical research, or the retrospective analysis of data from treated patients.

## VII. Training Complement

The RRC will accredit a program for a maximum number of residents commensurate with the total capacity of the program to offer

an appropriate educational experience in radiation oncology. There should not be more than 1.5 residents for every staff radiation oncologist during any resident's 30 months of training in clinical radiation therapy. If a program director wants to increase the number of residents in a program beyond the authorized number, prior approval must be obtained from the RRC.

## VIII. Duty Hours

While the actual number of hours worked by residents may vary, residents should have sufficient off-duty time to avoid undue fatigue and stress. It is recommended that residents should be allowed to spend, on average, at least 1 full day out of 7 away from the hospital, and should be assigned on-call duty in the hospital no more frequently than every third night. The program director is responsible for monitoring on-duty assignments for residents to ensure adherence to this recommendation.

Resident stress should be monitored, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

## IX. Evaluation

### A. Resident Evaluation

Evaluations of each resident's progress and competence must be conducted not less than four times during the training year. The evaluations must include an assessment of intellectual abilities, attitudes, and interpersonal relationships, as well as clinical competence and decision-making and clinical management skills. There must be provision for appropriate and timely feedback of the content of these evaluations to the resident. Residents should be advanced to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth. The program must maintain a permanent record of the evaluation and counseling process for each resident. Such records must be accessible to the resident and other authorized personnel.

The program director must provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

### B. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Resident should have the opportunity at least annually to evaluate the faculty and the program. Written evaluations by residents should be utilized in the program evaluation process.

The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

One measure of the quality of a program is the performance of its graduates on the examinations given by the American Board of Radi-

ology. The RRC may consider this information as part of the overall evaluation of the program.

### X. Facilities

A training program in radiation oncology must have adequate space and equipment to train residents in state-of-the-art radiation therapy. There must be access to two or more megavoltage machines, kilovoltage and/or electron beam capabilities, a dedicated therapy simulator, computerized treatment planning, a mold room and/or machine shop for the construction of treatment aids, and equipment to do interstitial and intracavitary brachytherapy. Compensation for the absence of any of this equipment in the parent program must be provided by training the resident in the missing technology through a rotation to another institution.

### XI. Clinical Resources

The training program in radiation oncology must provide a sufficient volume and variety of cancer patients, including those with pediatric, gastrointestinal, gynecologic, genitourinary tract, reticuloendothelial system, upper respiratory tract (including the head, neck, and lung), breast (both primary and metastatic), central nervous system, skin, bone, and soft-tissue tumors. Sufficient numbers of these patients should be treated by interstitial implants and intracavitary insertions to provide the resident with an adequate brachytherapy experience. Follow-up of the irradiated patient on an inpatient or outpatient basis is an essential part of resident training and must be demonstrated by the program to ensure that residents have the opportunity to learn about the problems of recurrent and disseminated tumors, late aftereffects, and complications of radiation therapy. To ensure adequate numbers and variety of patients for resident training, it is recommended that the parent institution or integrated program treat approximately 600 patients yearly and that the number of patients irradiated by the resident each year be no fewer than 125.

The residents' experience must not be significantly diminished by the presence of other trainees, such as fellows and postgraduate trainees or residents rotating from another accredited residency program.

Adequate medical support must be available in the specialties of medical oncology, surgical oncology and its subspecialties, gynecologic oncology, and pediatric oncology. There must be access to diagnostic radiology, nuclear medicine, pathology, a clinical laboratory, and a tumor registry.

### XII. Institutional Support

The administration of the institution(s) sponsoring the program in radiation oncology must provide funding for space, equipment, staff, nonprofessional personnel, and residents. It must assist the program director in teaching and recruiting faculty, as well as in selecting, evaluating, and dismissing residents whose performance is unsatisfactory. Assurances of due process for faculty and residents must be demonstrated.

### XIII. Affiliation Agreements

Extramural educational experience may be used to complement the training program, but the preponderance of the educational experience must take place in the parent institution. If residents are sent to an affiliated institution to obtain experience lacking in the parent institution, the program director should specify to the RRC the reason for the rotation and should document the number and types of patients available to the residents. Participation by any institution providing more than 3 months of training must be approved by the RRC. When resources of two or more institutions are utilized for the clinical or basic science education of a resident in radiation on-

colony, a letter of agreement must be approved by the institutional governing boards. Affiliations with institutions that do not add to the educational value of the program or that are at such a distance from the parent institution as to make resident attendance at rounds and conferences difficult should be avoided. Clinical responsibility alone does not constitute a suitable educational experience.

### XIV. Educational Environment

The education in radiation oncology must occur in an environment that encourages exchange of knowledge and experience among residents in the program and with residents in other oncology specialties located in the same institution. Other residency training programs, including medicine and surgery, must be ongoing in the institution.

### XV. Conferences

Conferences and teaching rounds must provide for progressive resident participation. Adequate frequency of conferences and attendance by residents, radiation oncologists, and other staff should be documented. Adequate conference room and audiovisual facilities must be provided.

There must be intradepartmental clinical oncology conferences, including new patient conferences, weekly chart reviews, and problem case conferences; other conferences should include morbidity and mortality, physics, dosimetry, radiation biology, and journal review.

Interdepartmental clinical oncology conferences should include medical oncology, hematologic oncology, gynecologic oncology, pediatric oncology, general surgical oncology, and the oncological surgical subspecialties.

### XVI. Library Resources

A sufficient variety of journals, reference books, and resource materials pertinent to radiation oncology and associated fields in oncology and basic sciences must be provided and be immediately accessible for resident study in a radiation oncology library. In addition, residents must have access to a general medical library. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends. Library services should include the electronic retrieval of information from medical databases.

Residents who plan to seek certification by the American Board of Radiology should communicate with the executive director of the board to ascertain the full requirements for certification.

*ACGME: September 1990 Effective: July 1995*

## Program Requirements for Residency Education in General Surgery

### I. General Characteristics of Accredited Programs

The training of surgeons for the practice of general surgery encompasses education in basic sciences, training in cognitive and technical skills, development of clinical knowledge and maturity, and acquisition of surgical judgment.

A. The program must provide the opportunity for residents to learn in depth the fundamentals of basic science as applied to clinical surgery. These include but are not limited to the elements of wound healing, hemostasis, hematologic disorders, oncology,

- shock, circulatory physiology, surgical microbiology, respiratory physiology, gastrointestinal physiology, genitourinary physiology, surgical endocrinology, surgical nutrition, fluid and electrolyte balance, metabolic response to injury (including burns), musculoskeletal biomechanics and physiology, immunobiology and transplantation, applied surgical anatomy, and surgical pathology.
- B. The program must provide experience in preoperative, operative, and postoperative care for patients in all areas that constitute the principal components of general surgery; specifically, diseases of the head and neck, breast, skin and soft tissues, alimentary tract, abdomen, vascular system, and endocrine system; the comprehensive management of trauma and emergency operations; and surgical critical care. Additional components that also must be encompassed in the teaching program, as described in II.A.5, are cardiothoracic surgery, pediatric surgery, plastic surgery, burn management, transplant surgery, endoscopy, urology, gynecology, neurosurgery, orthopaedics, and anesthesiology.
- C. Inasmuch as general surgery is a discipline of great breadth and often consultative in nature, the program must be conducted in institutions accredited by the Joint Commission on Accreditation of Healthcare Organizations and classified as general hospitals. These institutions, by definition, must include facilities and staff for a variety of services, including radiology and pathology. There must be at least one additional residency program in internal medicine, pediatrics, or family practice based in the parent or in one of the integrated institutions so that residents from this program rotate through all of the integrated institutions.
- D. The goal of a surgical residency program is to prepare the resident to function as a qualified practitioner of surgery at the high level of performance expected of a board-certified specialist; the educational components of the program, therefore, must be of the highest priority. Residents must be provided adequate time and sufficient facilities for study and be assured of a rotation schedule that provides an equivalent educational opportunity for each resident. While every residency carries with it a commitment of service to patients in the institution, the service responsibilities must support and not detract from the educational activities.

## II. Training Program

### A. Program Goals and Design

1. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to these goals.
2. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.

### B. Duration and Scope

Five years of graduate training in surgery after graduation from medical school is the minimum amount of time required for acquisition of necessary knowledge, technical skill, and judgment. Any program that extends training beyond these minimum requirements must present a clear educational rationale consonant with the program requirements and objectives for residency training. The program director must obtain approval of the RRC prior to implementation and at each subsequent review of the program. Prior to entry in the program, each resident must be notified in writing of the required length of training. All years must be in an accredited program under the guidance of the program director in surgery, regardless of rotations to other disciplines.

To be acceptable, a program must meet the following requirements:

1. Consist of at least 5 years, of which
  - a. not more than 12 months may be devoted to education in a single surgical discipline other than the principal components of surgery;
  - b. not more than 6 months in total may be allocated to nonsurgical clinical disciplines such as internal medicine, pediatrics, gastroenterology, anesthesiology, or surgical pathology;
  - c. at least 3½ years must be clinical surgery, with experience in endoscopy, surgical intensive care, and emergency room included under this category; and
  - d. 3 of the clinical surgery years must be concerned with the principal components of general surgery, as listed in I.B.
2. Commit the chief or final clinical year to the principal components of general surgery at the parent or integrated institution(s).
  - a. In the chief year, not more than 4 months may be devoted exclusively to any one principal component of general surgery.
  - b. In the chief year, residents must rotate only on services devoted to the principal components of general surgery, but they may have primary responsibility for surgical specialty cases if the patients are on a general surgical service.
  - c. In the chief year, with prior approval of the RRC, a rotation on a pediatric surgical service may be acceptable under the following conditions:
    1. That the resident's experience in the principal components of general surgery is adequate;
    2. That the resident is responsible for the preoperative, operative, and postoperative care of the pediatric surgical patient;
    3. That the volume and complexity of cases are appropriate for a chief resident.
3. Provide personal experience to each resident in performing a variety of rigid and flexible endoscopic techniques, including laryngoscopy, bronchoscopy, esophagoscopy, gastroscopy, colonoscopy, diagnostic and therapeutic laparoscopy, and intraoperative cholelithotomy, as well as new and evolving endoscopic techniques.
4. Provide sufficient experience in an emergency room and in intensive care units to manage patients with severe and complex illnesses and with major injuries requiring critical care.
5. Enable the resident to acquire an understanding of the principles of and to have a personal clinical experience in the surgical specialties, including:
  - a. preoperative, operative, and postoperative care in cardiothoracic surgery, pediatric surgery, plastic surgery, burns, and transplant surgery and
  - b. participation in the overall management of patients with common problems in urology, gynecology, neurological surgery, orthopedics, and anesthesiology.These experiences may be provided either by a rotation through that specialty or through patient care activities, which must be documented by means of an operative log, record, or registry. At the time of program review, a listing of the goals and objectives that each program maintains for each surgical specialty should be available, as well as a description of the process through which these goals are to be achieved for each resident.
6. Provide the opportunity for surgical residents to manage on the surgical services patients who may or may not require surgical intervention (eg, patients with pancreatitis, portal hypertension, multiple trauma, immunosuppression) and to acquire skill in such nonoperative management.
7. Provide teaching in critical thinking, design of experiments, and evaluation of data, as well as in technological advances that relate to surgery and the care of patients with surgical diseases.

8. Encourage participation by the residents in clinical and/or laboratory research.

### C. Volume and Complexity

Operative skill is essential for the surgeon and can be acquired only through personal experience and training. The program must provide for sufficient operative experience to train qualified surgeons, taking into account individual capability and rate of progress.

1. The volume and variety of the operative experience of each resident for the entire training program must be such as to ensure
  - a. a balanced experience in each of the principal components of general surgery, namely, head and neck; breast; skin and soft tissues; alimentary tract; abdomen; vascular system; endocrine system; the comprehensive management of trauma, burns, and emergency surgery; and surgical critical care.
  - b. a sufficient number and distribution of complex cases, as determined by the RRC, for the achievement of adequate operative skill and surgical judgment.
2. The program director must ensure that the operative experience of residents in the same program is comparable. While the overall number of major operations to be performed by each resident is not specified, an acceptable range is from 500 to 1000 major cases in all years and from 150 to 300 major cases in the chief year.

Operative experience of any one resident in excess of 450 cases for the chief year or 1500 cases for all years must be justified by the program director.

3. When previous personal operative experience justifies a teaching role, residents should act as teaching assistants and list such cases for the fourth and fifth years only.

### D. Responsibility

A resident is considered to be the surgeon when he or she can document a significant role in the following aspects of management: determination or confirmation of the diagnosis, provision of preoperative care, selection and accomplishment of the appropriate operative procedure, direction of the postoperative care, and accomplishment of sufficient follow-up to be acquainted with both the course of the disease and the outcome of its treatment. Participation in the operation only, without pre- and postoperative care, is inadequate.

### E. Educational Conferences

Educational conferences must be adequate in quality and quantity to provide a review of clinical surgery as well as of advances in surgery.

The conferences should be scheduled to permit the residents to attend on a regular basis. Participation by both residents and teaching staff must be documented.

The following types of conferences must exist within a program:

1. Weekly review of all current complications and deaths, including radiological and pathological correlation of surgical specimens and autopsies
2. A course or structured series of conferences to ensure coverage of the basic and clinical sciences fundamental to surgery in general; sole reliance on textbook review is inadequate
3. Regular organized clinical teaching, such as ward rounds and clinical conferences

### F. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.

3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

### G. Working Environment and Hours

Graduate education in surgery requires a commitment to continuity of patient care. This continuity of care must take precedence without regard to the time of day, day of the week, number of hours already worked, or on-call schedules. At the same time, patients have a right to expect a healthy, alert, responsible, and responsive physician dedicated to delivering effective and appropriate care.

The program director must establish an environment that is optimal both for resident education and for patient care, while ensuring that undue stress and fatigue among residents are avoided. It is his or her responsibility to ensure assignment of appropriate in-hospital duty hours so that residents are not required to perform excessively difficult or prolonged duties regularly. It is desirable that residents' work schedules be designed so that on average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. During these on-call hours, residents should be provided with adequate sleeping, lounge, and food facilities. There must be adequate backup so that patient care is not jeopardized during or following assigned periods of duty. Support services must be such that residents do not spend an inordinate amount of time in noneducational activities that can be discharged properly by other personnel.

Different specialties and different rotations may require different working hours and patterns. A distinction must be made between on-call time in the hospital and on-call availability at home vis-a-vis actual hours worked. The ratio of hours worked to on-call time will vary, particularly at the senior levels, and therefore necessitates flexibility.

Residency training in surgery is a full-time responsibility; activities outside the educational program must not interfere with the resident's performance in the educational process, as determined by the program director, nor must they interfere with the residents' opportunities for rest, relaxation, and study.

### III. Teaching Staff

The establishment of an inquiring and scholarly environment in the parent and integrated institution(s) is the primary responsibility of the teaching staff in a general surgery training program. Only in such a milieu can residents develop the facility for critical analysis and the further growth potential requisite for a lifetime of self-education after the completion of formal residency training. The teaching staff that is responsible for the direction and execution of the program must be well qualified to create and maintain such an environment and be of sufficient diversity of interest that the many facets of surgery are represented.

#### A. Program Director

There must be a single program director responsible for the program.

##### 1. Qualifications of the Program Director

- a. Requisite clinical, educational, and administrative abilities and experience, as well as adequate scholarly activity as documented in his or her curriculum vitae.
- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- c. Certification by the American Board of Surgery or suitable equivalent qualifications, as determined by the RRC.



- d. Appointment in good standing to the medical staff of the parent or one of the integrated institutions participating in the program.
  - e. Appointment, as a normal rule, for at least the duration of the program plus 1 year, that is, a minimum of 6 years. Persons appointed or elected for short durations or in an honorary capacity cannot serve as program directors.
2. Responsibilities of the Program Director
- The program director's responsibility is to support the residency training program by devoting his or her principal effort to its management and administration, as well as to teaching, research, and clinical care limited to the parent or integrated institution(s). Therefore, the program director shall:
- a. Prepare a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
  - b. Designate other well-qualified surgeons to assist in the supervision of the resident staff so that for each approved chief residency position there is at least one geographic full-time teaching staff member, in addition to the program director, whose major function is to support the residency program. These key staff members must be appointed for a period long enough to ensure adequate continuity in the supervision of the resident staff.
  - c. Be responsible for rotations and staff appointments of attending surgeons on the teaching services in the parent and in all integrated institutions.
  - d. Select residents for appointment to the program in accordance with institutional and departmental policies and procedures. The program director also shall make resident assignments and be responsible for the proper conduct of the educational activities; namely, for residents' supervision, direction, and administration in all participating institutions.
  - e. Provide residents with explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
  - f. Implement fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - g. Monitor resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - h. Provide complete and accurate program information forms and resident operative records to the RRC, so that an appropriate assessment of the program can be made.

#### B. Other Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Surgeons with teaching responsibilities should be certified by the American Board of Surgery or possess suitable equivalent qualifications, as determined by the RRC. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.

2. The teaching staff must include members with diverse expertise to meet the needs of the training program. All members of the staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

#### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### D. Scholarly Environment

The quality of the educational environment of the parent and integrated institutions is of paramount importance to the program. Staff activity at affiliated institutions cannot account for or substitute for the educational environment of the parent and integrated institutions. Adequate documentation of scholarly activity on the part of the program director and the teaching staff at the parent and integrated institutions must be submitted at the time of the program review. Documentation of scholarly activity is based on:

1. Participation in continuing surgical education
2. Participation in regional or national surgical scientific societies
3. Presentation and publication of scientific studies
4. Demonstration of an active interest in research as it pertains to their own special surgical interests. The RRC will consider documented involvement in the following as indications of the commitment of the staff to research:
  - a. Projects that are funded following peer review
  - b. Publications in peer-reviewed journals
  - c. Presentations at national and regional scientific meetings
  - d. Research protocols that have been approved by appropriate institutional committees or other organizations

While not all members of a teaching staff can be investigators, clinical and/or basic science research must be ongoing in the department of surgery of the parent and integrated institution(s). Research on the part of residents is not a substitute for the involvement of the program director and teaching staff. The staff as a whole must document active involvement in all phases of scholarly activity as defined above to be considered adequate to conduct a program of graduate education in surgery.

#### E. Supervision

The attending physician has both an ethical and a legal responsibility for the overall care of the individual patient and for the supervision of the resident involved in the care of that patient. Although they require less direction than junior residents, even the most senior residents must be supervised. A chain of command that emphasizes graded authority and increasing responsibility as experi-

ence is gained must be established. Judgments on this delegation of responsibility must be made by the attending surgeon, who is ultimately responsible for a patient's care, based on his or her direct observation and knowledge of each resident's skills and ability.

To ensure the fulfillment of these responsibilities, the following principles of supervision must be operative within a training program:

1. Supervision of residents must be specified in the bylaws, policies, procedures, rules, and/or regulations of the department.
2. Evidence that adequate supervision exists within a program must be provided to the site visitor at the time of program review in the form of signed notes in the patient charts and/or other such records, as well as through personal interviews of residents.
3. Proper supervision must not conflict with progressively more independent decision making on the part of the resident; thus, the degree of supervision may vary with the clinical circumstances and the training level of the resident. However, members of the teaching staff must always be immediately available for consultation and support to exercise their responsibilities properly.

#### IV. Outpatient Responsibilities

To be adequate, a program must document both inpatient and outpatient activities. Outpatient activities constitute an essential component for providing adequate experience in continuity of patient care. These activities should be conducted in such a way that the resident has an opportunity to examine patients preoperatively, has ample opportunity to consult with the attending surgeon regarding operative care, and has an opportunity to participate in the operation and in the immediate postoperative care until release from the facility. To participate in posthospital care, the resident has the responsibility for seeing patients personally in an outpatient setting and consulting with the attending surgeon regarding follow-up care.

#### V. Special Trainees

At the time of each program survey, or at other times on request of the RRC, the program must provide to the RRC a report on all special trainees of any training programs, both approved and unapproved, in the parent and integrated institutions that might affect the experience of the residents in the core program in general surgery. Examples of such programs include fellowships or residencies in vascular surgery, oncologic surgery, head and neck surgery, critical care, trauma, endoscopy, gastroenterology, transplantation, pediatric surgery, and endocrine surgery that provide clinical experience to trainees outside the general surgery residency program. The report must describe in detail the relationship of the special trainee(s) to the residents in the general surgery program. A program in which the experience of general surgery residents is adversely affected by the presence of other trainees will be subject to adverse action by the RRC.

In particular, the following are noted:

- A. A special trainee may not supervise chief residents.
- B. A chief resident and a special trainee may not have primary responsibility for the same patients.

#### VI. Affiliated and Integrated Institutions

An institution that cannot provide sufficient resources and clinical experience within its own facilities may make arrangements with other institutions through formal written agreements to provide additional resources and experience. All such agreements are subject to approval by the RRC, either as indicated below in item VI.C or at the time of program review.

- A. Institutions may be affiliated with the parent institution through an affiliation agreement, which must cover the areas specified in the institutional requirements. Affiliated institutions must pro-

mote the educational goals of the program, rather than simply enlarging the program, and must not be added primarily for the purpose of meeting service needs.

- B. Institutions may be integrated with the parent institution through an integration agreement that must specify, in addition to the institutional requirements, that the program director of the parent institution (1) appoint the members of the teaching staff at the integrated institution, (2) appoint the chief or director of the teaching service in the integrated institution, (3) appoint all residents in the program, and (4) determine all rotations and assignments of both residents and members of the teaching staff. As a general rule, institutions integrated with parent hospitals must be in such close geographic proximity as to allow all residents to attend joint conferences, basic science lectures, and morbidity and mortality reviews on a regularly documented basis in a central location. If the institutions are geographically so remote that joint conferences cannot be held, an equivalent educational program of lectures and conferences in the integrated institution must be fully documented.
- C. Prior approval must be obtained from the RRC (1) for a portion of the final year to be spent at an affiliated institution (2) for affiliations with rotations of 6 months or more as well as for all integrations and (3) for more than 1 year total to be spent away from the integrated institution(s).

#### VII. Number of Approved Residency Positions

- A. The number of positions in the training program must be approved by the RRC; this number will include all residents who are appointed for a full academic year in the training program. Any request for changes in the resident complement must be justified in terms of the educational goals of the program.
- B. The number of PGY1, PGY2, and PGY3 positions should be consistent with the number of chief residency positions as well as with the number of positions for providing prespecialty training to identifiable subspecialties. The RRC permits modest variations from the approved number of PGY1, PGY2, and PGY3 positions on a temporary (1-year) basis only. A modest variation is understood by the RRC as being within a 10% variation in the total number of PGY1, PGY2, and PGY3 residents.

#### VIII. Evaluation

- A. Programs of graduate education in surgery must be so constructed that there is a clear demonstration by the resident of acquisition of a solid foundation of fundamental surgical knowledge prior to progression in the program to the level of independent but supervised patient management and operative care. An objective test mechanism is required as a component of the process of demonstration of this cognitive capability. While each program may utilize its own test instruments, the American Board of Surgery In-Training Examination (ABSITE) is considered a most desirable example. However, results of the in-training examination should not be used as the only criterion of resident performance.

In addition to measuring the cognitive capability of the resident, the program must also have a system by which to measure the level of the resident's clinical qualifications as he or she progresses through the program. Any program that does not establish such a system of trainee evaluation that clearly documents the progress of each resident in meeting the cognitive and clinical goals of the program will not be considered acceptable.

- B. Including the evaluation processes indicated in the previous paragraph (VIII.A), the overall performance of each resident must be evaluated by the teaching staff at least every 6 months.
  1. A documented record of that evaluation must be prepared and maintained for subsequent review. This permanent record of

- evaluation for each resident is to be accessible to the resident and other authorized personnel.
2. All evaluations must be reviewed regularly with trainees.
- C. A written final evaluation for each resident who completes the program must be provided. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- D. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents of the teaching staff and the program should be utilized in this process.
- E. A program must strive for the highest possible quality of educational experience for the residents; it will be judged on this basis. One measure of the quality of a program is the performance of its graduates with respect to the American Board of Surgery certification process. Graduates of Accreditation Council for Graduate Medical Education-approved programs are expected to complete this process successfully. A program will be judged deficient if during the most recent 5-year period more than 50% of its graduates fail either the qualifying or the certifying examination on the first try.

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## Program Requirements for Residency Education in the Subspecialties of General Surgery

### I. General Information

- A. A graduate training program in a subspecialty of general surgery is an educational experience of at least 1 year, designed to develop advanced knowledge and skills in a specific clinical area. All educational components of the program should be related to program goals. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.

Subspecialty training is a component in the continuum of the education process and must be in addition to the requirements for complete residency training in general surgery. Ordinarily, the subspecialty training will follow completion of an accredited general surgery residency program.

- B. Graduate training programs in the subspecialties of general surgery may be accredited only in institutions that either sponsor a residency training program in general surgery or pediatric surgery accredited by the Accreditation Council for Graduate Medical Education or are integrated by formal agreement into such programs. The subspecialty programs will be approved only as an administratively integrated part of the approved core program in general surgery. Rotations to affiliated institutions can be approved for a period not exceeding 25% percent of the total program; adequate educational justification for such rotations must be provided to the RRC prior to implementation.

The description and regulations governing affiliated and integrated institutions in the Program Requirements for Residency Education in General Surgery also apply to the subspecialty programs of surgery.

- C. Subspecialty programs will not be approved if they have substantial negative impact on the training of the general surgery residents in the core program.

### II. Program Director and Teaching Staff

Subspecialty training programs must provide a scholarly environment for acquiring the necessary cognitive and procedural clinical skills essential to the practice of a specific subspecialty. This objective can be achieved only when the program director, the supporting faculty and staff, and the administration are fully committed to the educational program. It is also imperative that appropriate resources and facilities be present. Service obligations must not compromise educational goals and objectives.

#### A. Program Director

There must be a single program director responsible for the program.

##### 1. Qualifications of the Program Director

The subspecialty program director must be a surgeon who is qualified to supervise and to educate residents appropriately in the specific subspecialty.

- a. The director must either be certified in the subspecialty by the American Board of Surgery or possess equivalent qualifications.
  - b. The director must have an appointment in good standing to the medical staff of an institution participating in the program.
  - c. The director must be licensed to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
2. Responsibilities of the Program Director

It is the responsibility of the subspecialty program director to support the residency training program by devoting his or her principal effort to its management and administration, as well as to teaching, research, and clinical care limited to the integrated institutions. This general responsibility includes the following specifics:

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- f. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- g. Preparation of an accurate statistical and narrative description of the program.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### III. Educational Principles

The principles of education enumerated in the Program Requirements for Residency Education in General Surgery are also applicable to the subspecialty programs.

- A. The program directors for both the subspecialty and the core programs, as well as the institution itself, are responsible for ensuring that adequate facilities and resources are available to achieve the educational objectives.
- B. A postgraduate residency must provide advanced education so that the residents can acquire special skill and knowledge in a specific subspecialty. This education should consist of a cognitive and a technical component. The cognitive component should emphasize the scholarly attributes of self-instruction, teaching, skilled clinical analysis, sound surgical judgment, and research creativity. The technical component must provide appropriate opportunity for the residents to acquire the operative skills required for the practice of the subspecialty.
- C. The program director must establish an environment that is optimal both for resident education and for patient care, including the responsibility for continuity of care, while ensuring that undue stress and fatigue among residents are avoided. It is the program director's responsibility to ensure assignment of appropriate in-hospital duty hours so that residents are not subjected to excessively difficult or prolonged working hours. It is desirable that residents' work schedules be designed so that on average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Different specialties and different rotations may require different working hours and patterns. A distinction must be made between on-call time

in the hospital and on-call availability at home vis-a-vis actual hours worked. The ratio of hours worked to on-call time will vary, particularly at the senior levels, and therefore necessitates flexibility.

- D. During the on-call hours residents should be provided with adequate sleeping, lounge, and food facilities. There must be adequate backup so that patient care is not jeopardized during or following assigned periods of duty. Support services and systems must be such that the resident does not spend an inordinate amount of time in noneducational activities that can be discharged properly by other personnel.

### IV. Educational Components

Subspecialty programs must include the following educational components:

- A. A sufficient number of patients must be available to ensure appropriate inpatient and outpatient experience for each subspecialty resident, without adversely affecting the experience of residents in the general surgery core program. There must be adequate responsibility for continuity of care, to include prehospital and post-hospital experience.
- B. Subspecialty conferences, including review of all current complications and deaths; seminars; and clinical and basic science instruction must be regularly scheduled. Active participation of the subspecialty resident in the planning and the production of these meetings is essential.
- C. A resident must have the opportunity to provide consultation with faculty supervision. He or she should have clearly defined educational responsibilities for other residents, medical students, and professional personnel. These teaching experiences should correlate basic biomedical knowledge with the clinical aspects of the subspecialty.
- D. There must be close interaction between the core residency program in general surgery and the subspecialty program. Lines of responsibility for the general surgery residents and the subspecialty resident must be clearly defined. It is imperative that the educational program for the subspecialty resident not adversely affect the training of the general surgery residents, in terms of either operative experience or patient responsibility. In particular, the following are noted:
  1. A subspecialty resident may be a teaching assistant for residents other than general surgery chief residents.
  2. A chief resident in general surgery and a subspecialty resident may not have primary responsibility for the same patients.
 

The subspecialty resident should maintain a close working relationship with residents and fellows in general surgery and in other disciplines such as radiology, pathology, medicine, and pediatrics.
- E. A subspecialty program must offer supervised training to ensure the acquisition of the necessary preoperative, operative, and postoperative skills integral to the subspecialty discipline. Instruction and experience must be sufficient for the residents to acquire an understanding of the common procedures of the subspecialty and their indications, risks, and limitations.
- F. Adequate and appropriate supervision of subspecialty residents must be provided at all times in accord with their level of experience and expertise.

### V. Program Research and Scholarly Activity

Graduate medical education must take place in an environment of inquiry and scholarship, in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

- A. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the teaching staff. While not all members of a teaching staff must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
1. Active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  2. Participation in journal clubs and research conferences.
  3. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  4. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  5. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
  6. Provision of support for resident participation in scholarly activities.
- B. A subspecialty program should have an investigational component such that the residents may become familiar with the design, implementation, and interpretation of clinical research studies. Facilities should be made available for research activity.

## **VI. Library**

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

## **VII. Evaluation**

### **A. Residents**

There must be regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.

The program director, with participation of members of the teaching staff, shall:

1. At least semiannually evaluate the knowledge, skills and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
5. The provision of a written final evaluation is required for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

### **B. Program Director**

The subspecialty program director should be evaluated annually by the director of the core general surgery program regarding teaching, scholarly research productivity, patient care activities, and administrative capabilities.

### **C. Program**

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed by the program director, the core general surgery program director, and the Institutional Review Committee on a regular basis. Written evaluations by residents should be utilized in this process.

### **D. Efficacy of Program**

An important measure of the efficacy of the program is the performance of its graduates on the certification examinations offered by the American Board of Surgery. It is expected that 50% or more of the graduates of the program will become certified on their first attempt.

*ACGME: June 1992 Effective: July 1995*

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## **Program Requirements for Residency Education in Surgical Critical Care**

### **I. General Characteristics**

- A. Surgical critical care deals with complex surgical and medical problems in critically ill surgical patients. Institutions sponsoring graduate educational programs in surgical critical care must provide the educational resources to allow residents to develop advanced proficiency in the management of critically ill surgical patients and to develop the qualifications necessary to supervise surgical critical care units. The educational program must be an integral part of and enhance an accredited core program in general surgery.
- B. Completion of at least 3 clinical years in an accredited graduate educational program in the disciplines of general surgery, neurosurgery, urology, or obstetrics and gynecology is a prerequisite. A subspecialty educational program in surgical critical care is in addition to the requirements for critical care education set forth in the program requirements for these core programs. There should be an institutional policy governing the educational resources committed to critical care programs and ensuring cooperation of all involved disciplines. When more than one critical care program exists in an institution, it will be the responsibility of the institution to coordinate interdisciplinary requirements.

### **II. Duration and Scope of Training**

- A. Graduate education in surgical critical care shall be 12 months, of which 9 months must be spent in a surgical intensive care unit (ICU). The 12 months must be devoted to advanced educational activities related to the care of critically ill patients and to the administration of critical care units.
- B. A surgical critical care program must include primary educational activities in a surgical critical care unit with pediatric and/or adult patients, located in an institution that has been approved by the Residency Review Committee (RRC) for Surgery as an integrated institution (as defined in the Program Requirements for Residency Education in General Surgery) with a core general surgery or pediatric surgery residency program.

Training may take place in various settings, such as a general surgical ICU, a cardiothoracic ICU, a trauma care unit, a burn

unit, an organ transplant unit, a surgical nutrition unit, a neurosurgical ICU, a neonatal ICU, or a high-risk pregnancy ICU. At least 4 clinical months must be spent in a general surgical or cardiothoracic surgical unit with adult and/or pediatric patients.

### III. Objectives

- A. The completion of an accredited surgical residency training program qualifies the surgeon to care for the basic problems of critically ill surgical patients. Therefore, the surgical critical care program must enable the resident to acquire an advanced body of knowledge and level of skill in the management of critically ill surgical patients in order to assume a leadership role in teaching and in research in surgical critical care. This advanced body of knowledge and level of skill must include the mastery of (1) the use of advanced technology and instrumentation to monitor the physiologic status of patients in the neonatal, pediatric, child-bearing, or advanced years; (2) organizational and administrative aspects of a critical care unit; (3) ethical, economic, and legal issues as they pertain to critical care.
- B. In addition, individuals completing a training program in surgical critical care will be expected to be able to:
  1. Teach the specialty of surgical critical care.
  2. Conduct research in the various areas of surgical critical care, such as new instrumentation, identification of important physiological parameters, or evaluation of pharmacologic agents in critically ill patients.
  3. Administer a surgical critical care unit and appoint, train, and supervise specialized personnel; establish policy and procedures for the unit; and coordinate the activities of the unit with other administrative units within the hospital.

### IV. Organization of the Staff

- A. The critical care training program must be under the direction of a surgeon certified in surgical critical care by the American Board of Surgery or who has equivalent surgical training as well as the appropriate qualifications and documented experience in surgical critical care.
- B. The program director of the critical care program must be the director or codirector of one or more of the critical care units in which the clinical aspects of the critical care program take place and must be personally involved in clinical supervision and teaching of general surgery and surgical critical care residents in that unit.
- C. The program director shall have administrative responsibility for the surgical critical care educational program and shall appoint all residents and teaching staff to the program and determine their duties.
- D. In the teaching environment of the surgical critical care unit, it is recognized that the teaching staff in surgery, medicine, pediatrics, obstetrics and gynecology, anesthesiology, and other disciplines may all be involved in the care of specific patients; therefore, a collegial relationship must exist between the surgical director of the critical care educational program and the teaching staff to enhance the educational opportunities for all residents and trainees.
- E. The teaching staff must be specifically qualified in the care of critically ill surgical patients and must provide the program director with regular evaluations of the trainees. At least one surgeon qualified in surgical critical care must be appointed to the teaching staff for every surgical critical care resident enrolled in the program.
- F. The teaching staff must have real and demonstrated interest in teaching and set an example for trainees by documented engagement in scholarly pursuits, to include (1) participation in their

own continuing education in surgical critical care, (2) participation in regional and national surgical scientific societies, and (3) demonstration of an active interest in research as it pertains to critical care problems.

### V. Clinical and Educational Facilities and Resources

- A. The surgical critical care program must function in a unit that has sufficient numbers of knowledgeable personnel and the necessary equipment to care for critically ill surgical patients.
- B. Personnel should include specially trained nurses and technicians who are skilled in critical care instrumentation, respiratory function, and laboratory medicine.
- C. The critical care unit must be located in a designated area within the hospital, constructed and designed specifically for the care of critically ill patients.
- D. Equipment and personnel in the critical care unit should be centrally concentrated to provide efficient and expeditious operation.
- E. There should be a supporting laboratory available to provide complete and prompt laboratory evaluation.
- F. The objectives of a surgical critical care program can be achieved only when the program is based within an institution that has an accredited residency program in general surgery. It is desirable for the institution to have accredited residencies in the surgical specialties and in disciplines that particularly relate to surgery, such as internal medicine, radiology, pathology, and anesthesiology.
- G. An adequate hospital library must be readily available to provide easy access to information for patient care or scholarly pursuits.
- H. Conveniently located and adequate space for conferences and study are essential.
- I. The average daily census for the surgical critical care unit to which the resident is assigned shall permit a resident/patient ratio of one resident to five patients. The qualified surgical faculty-to-critical care resident ratio shall be at least one to one. These ratios are sufficient to provide an adequate clinical and supervisory base.
- J. To provide sufficient breadth in patient exposure, a critical care program that averages a daily census of at least 10 patients is required.
- K. The record-keeping system must maintain the records of patients in the critical care unit as retrievable parts of the hospital chart, so they can be available for evaluation.

### VI. Educational Program

#### A. Curriculum Overview

The program must provide the opportunity for residents to acquire advanced knowledge of the following aspects of critical care, particularly as they relate to the management of patients with hemodynamic instability, multiple system organ failure, and complex coexisting medical problems:

1. Cardiorespiratory resuscitation
2. Physiology, pathophysiology, diagnosis, and therapy of disorders of the cardiovascular, respiratory, gastrointestinal, genitourinary, neurologic, endocrine, musculoskeletal, and immune systems, as well as of infectious diseases
3. Metabolic, nutritional, and endocrine effects of critical illness
4. Hematologic and coagulation disorders
5. Critical obstetric and gynecologic disorders
6. Trauma, thermal, electrical, and radiation injuries
7. Monitoring and medical instrumentation
8. Critical pediatric surgical conditions
9. Pharmacokinetics and dynamics of drug metabolism and excretion in critical illness
10. Ethical and legal aspects of surgical critical care

11. Principles and techniques of administration and management
12. Biostatistics and experimental design

### B. Critical Care Skills

The program must provide supervised training that will enable the resident to gain competence in the application of the following critical care skills:

1. Respiratory: airway management, including endoscopy and management of respiratory systems
2. Circulatory: invasive and noninvasive monitoring techniques, including transesophageal and precordial cardiac ultrasound and application of transvenous pacemakers; computations of cardiac output and of systemic and pulmonary vascular resistance; monitoring and interpretation of electrocardiograms and management of cardiac assist devices
3. Neurological: the performance of complete neurological examinations; use of intracranial pressure monitoring techniques and of the electroencephalogram to evaluate cerebral function and application of hypothermia in the management of cerebral trauma
4. Renal: the evaluation of renal function; peritoneal dialysis and hemofiltration; knowledge of the indications and complications of hemodialysis
5. Gastrointestinal: utilization of gastrointestinal intubation and endoscopic techniques in the management of the critically ill patient; application of enteral feedings; and management of stomas, fistulas, and percutaneous catheter devices
6. Hematologic: application of autotransfusion, assessment of coagulation status, and appropriate use of component therapy
7. Infectious disease: classification of infections and application of isolation techniques, pharmacokinetics, drug interactions, and management of antibiotic therapy during organ failure; nosocomial infections; indications for applications of hyperbaric oxygen therapy
8. Nutritional: application of parenteral and enteral nutrition; monitoring and assessment of metabolism and nutrition
9. Monitoring/bioengineering: use and calibration of transducers, amplifiers, and recorders
10. Miscellaneous: use of special beds for specific injuries; employment of pneumatic antishock garments, traction, and fixation devices

### VII. Documentation of Experience

The program must document to the site visitor that residents in the surgical critical care program have had direct involvement in the management of a broad spectrum of critically ill surgical patients.

### VIII. Other Information

In addition to these requirements specific to surgical critical care, the Program Requirements for Residency Education in the Subspecialties of General Surgery also apply to all surgical critical care programs.

*ACGME: June 1992 Effective: July 1995*

## Program Requirements for Residency Education in Hand Surgery Related to General Surgery

### I. Educational Program

- A. Surgery of the hand includes the investigation, preservation, and restoration of all structures of the upper extremity that directly affect the form and function of the limb, wrist, and hand.

- B. Subspecialty education in hand surgery must be organized to provide experience for the trainee to acquire the competency of a specialist; it should not be less than 1 continuous year and should ordinarily follow completion of full training in one of the parent disciplines, ie, general surgery, orthopedic surgery, or plastic surgery.
- C. Clinical experience should include opportunities to observe and manage patients of all ages with a wide variety of disorders of the upper extremity as well as to learn the effectiveness of therapeutic programs. The program should be structured to permit the trainee to develop diagnostic, procedural, and technical skills essential to the performance of hand surgery. It should provide for basic and advanced training as well as personal operative experience to ensure the production of qualified surgeons within this specialized field.
- D. It is imperative that the educational program for the trainee not adversely affect the training in hand surgery of the general surgery residents, either in terms of operative experience or patient responsibility.

### II. Facilities and Resources

- A. Modern facilities to accomplish the overall educational program must be available and functioning. These include inpatient care, ambulatory care, and laboratory resources for adult and pediatric patients and, specifically, support services in the diagnostic field of pathology, radiology, physical and occupational therapy, orthotics, and prosthetics. This must include the opportunity for continuing personal posthospital follow-up of patients cared for by the trainee.
- B. A training program should be conducted in a facility in which there is accredited training in surgery, plastic surgery, and orthopedic surgery, as well as in other medical and surgical specialties and subspecialties.

### III. Specific Knowledge and Skills

The training program should provide opportunities for trainees to develop clinical knowledge and skill in the field of hand surgery. Examples of the knowledge and skills that are desirable include but are not limited to trauma and its sequelae, congenital and developmental disorders, infections and metabolic disorders, neoplasia, vascular disorders, and degenerative and rheumatologic diseases. The trainee will be expected in the course of training to acquire the capability of diagnosing, interpreting the laboratory data relative to, and executing a treatment plan with the appropriate technical skills for managing the above disorders. The trainee must obtain experience in microsurgery and other special technology relative to the management of hand problems. The trainee must acquire knowledge in interpretation of the special diagnostic skills, such as electrodiagnosis and radiology, relative to treating problems of the hand. The trainee will be expected to obtain a fundamental understanding of these problems as they relate to the patient's initial management, including full rehabilitation services, aftercare, and final evaluation.

### IV. Special Features

Special features will include but are not necessarily limited to replantation, biology, methodology, prosthesis, prosthetics, rehabilitation, microsurgery (neurological and vascular), tendon transfer, and grafts.

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## Program Requirements for Residency Education in Pediatric Surgery

### I. General Characteristics of Accredited Programs

A residency program in pediatric surgery must provide a structured curriculum and adequate clinical experience in the fundamental areas of surgery related to infants and children. The goal is to prepare residents to function as qualified practitioners of pediatric surgery at the high level of performance expected of board-certified specialists. The educational components of the program, therefore, must be of the highest priority. Residents must be provided adequate time and sufficient facilities for study. While every program carries a commitment of service to patients, the service responsibilities must support and not detract from the educational activities.

### II. Teaching Staff

The staff responsible for the organization and performance of the pediatric surgical program must be well qualified and diversified, so as to represent the many facets of pediatric surgery.

#### A. Program Director

The program director must be dedicated to and actively engaged in surgical education and must be responsible for the proper conduct of the educational activities of the program. The program director must:

1. Be institutionally based and be appointed for at least the duration of the program plus 1 year
2. Be qualified in surgery, certified by the American Board of Surgery, and hold a current Certificate of Special Qualifications in Pediatric Surgery or have equivalent qualifications
3. Be responsible for rotations and staff appointments of attending surgeons on the teaching services
4. Make resident appointments and assignments and be responsible for the proper conduct of the educational activities, particularly for the supervision and direction of the residents
5. Provide complete and accurate program information forms and resident operative records to the Residency Review Committee (RRC) so that an appropriate assessment of the program can be made.

#### B. Other Teaching Staff

1. The teaching staff must include, at a minimum, one other pediatric surgeon who possesses the qualifications listed for the program director in IIA.2.
2. The key staff members must be appointed for a period long enough to ensure continuity in the supervision of the program. They must be formally organized and meet regularly.
3. It is essential that the members of the teaching staff provide exemplary models to the trainees by their dedication to patient care and education. Participation and productivity in scholarly pursuits by the teaching staff is a required attribute of an accredited program.

### III. Institution

In addition to the essentials outlined in the institutional requirements, institutions with an approved training program in pediatric surgery must have the following characteristics:

- A. There shall be inpatient pediatric surgical admissions adequate to provide educational experience for the program. Intensive care units for both infants and older children are essential.
- B. Pediatric surgical outpatient care sessions must meet on a regular basis. They shall include initial evaluation of ambulatory patients with surgical conditions as well as both short-term and ongoing follow-up management of these patients.

- C. An emergency department in which infants and children can be efficiently managed 24 hours a day is essential. The pediatric surgical staff will ordinarily serve as consultants for this department. The pediatric surgical service must direct the care of all patients with traumatic or thermal injuries involving multiple organ systems.
- D. To provide the necessary breadth of experience, an accredited residency training program in pediatrics is required within the primary institution. Residency programs or other equivalent clinical expertise in other specialties, particularly radiology and pathology, are highly desirable.
- E. The department of radiology must have one or more staff with training, interest, competence, and experience in the radiologic evaluation of infants and children. The department should be staffed and organized to permit efficient and complete evaluation of patients 24 hours a day. The department should be furnished and equipped to provide up-to-date imaging capability, including such procedures as ultrasonography and computerized scanning. Facilities for nuclear medicine, magnetic resonance imaging, and interventional radiography should be available within the institution.
- F. The department of pathology should have one or more staff with special training, interest, competence, and experience in pediatric pathology. The department should provide efficient and expert surgical pathology service, and surgical pathology consultation must be available at all times. The department of pathology must participate in the pediatric surgical educational program, including the conduct of appropriate conferences at which the current surgical pathology material is presented and discussed. These conferences must be attended by both staff and residents of the pediatric surgical service.
- G. Within the department of anesthesiology there must be anesthesiologists with special training, interest, competence, and experience in the anesthesia of infants and children. The number of such anesthesiologists must be consistent with the volume of surgical cases in the pediatric age group.
- H. The institutional library must contain a representative and authoritative collection of books and journals on pediatric surgery, pediatrics, general surgery, other surgical specialties, radiology, and the basic sciences. The library shall be managed and supervised by a well-qualified medical librarian. The *Index Medicus* must be part of the library, and access to computerized literature search facilities is highly desirable.

### IV. Duration of Training

- A. Before beginning a residency in pediatric surgery, each resident must have satisfactorily completed a program in general surgery accredited by the Accreditation Council for Graduate Medical Education (ACGME) or the Royal College of Physicians and Surgeons of Canada. He or she must be admissible to examination by the American Board of Surgery (or its equivalent) or be certified by that board.
- B. The residency program in pediatric surgery must be accredited for 2 years, 18 months of which must be devoted to clinical pediatric surgery. The remaining required 6 months may be devoted to related clinical disciplines designed to enhance the educational experience or may be devoted to scholarly activities. The last 12 months of the clinical training must be at the chief pediatric surgical resident level with a high degree of responsibility for patient management, including semi-independent operative experience under appropriate supervision.



## V. Scope and Content of Program

A. The program must provide both clinical experience and education in the fundamental areas of surgery related to infants and children.

1. Residents must be given responsibility for surgical management so that they may attain detailed knowledge of congenital, neoplastic, infectious, and other acquired conditions of the gastrointestinal system and other abdominal organs; of the blood and vascular system; of the integument; of the diaphragm and thorax, exclusive of the heart; of the endocrine glands; of the gonads and reproductive organs; and of the head and neck.
2. In addition, an opportunity for similar experience in traumatic conditions of the abdomen, chest, head and neck, and extremities must be provided. Particularly, the resident must have sufficient experience to become expert in the management of children who have sustained injuries to multiple organs. The resident also must have sufficient opportunity to manage on the surgical service patients who may or may not require surgical intervention and to acquire skill in such nonoperative management.
3. The resident also should have sufficient exposure in endoscopy to become competent in endoscopy of the airway and gastrointestinal tract, including laryngoscopy, bronchoscopy, esophagoscopy, and gastroduodenoscopy. Experiences in lower intestinal endoscopy, laparoscopy, and cystoscopy are desirable.
4. The resident must gain adequate understanding of the principles and operative experience in the management of the more common problems in urologic surgery.
5. The resident must have the opportunity to gain adequate knowledge of the basic principles of cardiothoracic surgery, gynecology, neurologic surgery, orthopedics, otorhinolaryngology, anesthesia, vascular surgery, transplant surgery, and the management of burns. While rotations on these services are highly desirable, the program may enable the resident to acquire an understanding of the principles of these subspecialties by a structured curriculum that adequately deals with these surgical areas.
6. The resident must gain experience and competence in the complete care of the critically ill infant or child, including the following: (a) cardiopulmonary resuscitation, (b) management of patients on respirators, (c) invasive monitoring techniques and interpretation, (d) nutritional assessment and management, and (e) competence in the recognition and management of clotting and coagulation disorders.

B. The program must provide a course or structured series of conferences to ensure coverage of the basic and clinical sciences fundamental to pediatric surgery, to include but not be limited to embryology; genetics; wound healing; hemostasis and blood disorders; immunobiology; transplantation; and physiology and pathology of the circulatory, respiratory, gastrointestinal, genitourinary, and endocrine systems. Similarly, the program must provide appropriate education in fluid and electrolyte balance, nutrition, infection, metabolic response to injury, and anesthesiology.

C. The program must incorporate structured educational activities on a regular basis, to include:

1. Teaching rounds with bedside teaching conducted by the surgical staff.
2. Staff supervision of surgical procedures performed by the resident.
3. Regular teaching conferences, held at least twice monthly, to include pediatric surgical grand rounds, morbidity and mortality conferences, and radiology conferences.

4. Other relevant multidisciplinary conferences, including surgical pathology and tumor conferences.

5. During the senior year, the residents are to be given the opportunity for personally organizing the more formal of the pediatric surgical conferences, including pediatric surgical grand rounds and the mortality and morbidity conferences. They also shall be directly responsible for a significant share of the presentations and discussions at these conferences.

D. The residents must participate in outpatient activities as an integral component of the program. In the surgical outpatient facility, the residents must have the opportunity to evaluate patients, make appropriate provisional diagnoses, initiate diagnostic procedures, and form preliminary treatment plans. In addition and of particular importance, the residents must have the opportunity for outpatient follow-up care of surgical patients. This care shall include not only the short-term evaluation and progress of patients who have had recent surgical problems or procedures but also the opportunity to see patients on a long-term basis, particularly those who have had operations for major congenital anomalies or neoplasms. An effective mechanism for follow-up must be provided for all patients, whether seen in clinics or private office settings. The program must document a satisfactory mechanism for follow-up care by the residents.

E. To meet the requirements of direct and responsible patient management, it is essential that those patients whose primary problem is surgical be on the pediatric surgical service and be directly managed by the surgical staff. Appropriate consultation with specialists such as neonatologists and intensivists is strongly encouraged. It is emphasized, however, that newborns with surgical conditions, as well as surgical patients requiring intensive care, must be on the pediatric surgical service where the care is the responsibility of the surgical staff.

F. Residents should have significant teaching responsibilities for more junior house officers and medical students assigned to the service and should also share in the development and the presentation of the formal teaching conferences. The resident's effectiveness as a teacher shall be a part of his or her overall evaluation.

G. Residents may be given the opportunity to engage in scholarly activities.

H. Rotations not to exceed 3 months may be spent at outside institutions at the discretion of the program director during the first year of training. Rotations outside the parent institution exceeding 3 months may be made only with prior approval of the RRC for Surgery. In no circumstance may outside rotations exceed a total of 6 months of the 24-month training period.

## VI. Patient Volume

To be approved for training in pediatric surgery, an institution must provide an adequate number and variety of pediatric surgical patients.

A. The general pediatric surgical service should perform a minimum of 900 operations per year.

B. The chief resident must be provided with a broad and varied experience; each is expected to be responsible for at least 250 pediatric surgical operations under supervision during this year.

C. The operative experience of the residents must include a sufficient number of neonatal cases to ensure the opportunity to acquire adequate experience, knowledge, and competence in the conditions falling under this category; there also should be an adequate number of major solid tumor procedures.

D. When previous personal operative experience justifies a teaching role, residents may act as teaching assistants and list such cases in the appropriate manner.

## VII. Evaluation

- A. The performance of each house officer must be evaluated by the teaching staff at least every 6 months; it is required that input from other departments or services involved in the training of the residents be included in this evaluation. Records documenting the 6-month evaluations must be maintained.
- B. Prior to advancement to the senior or chief resident level of supervised and semi-independent patient management and operative experience, a resident must clearly demonstrate acquisition of basic knowledge in pediatric surgery. An objective test for this purpose is required. While each program may utilize its own testing mechanism, an excellent instrument is the annual In-training Examination in Pediatric Surgery. In addition to measuring the cognitive capability of the resident, the program also must have a system by which to measure the level of the resident's clinical qualifications as he or she progresses through the program. The program must establish a system of evaluation that clearly documents the progress of each resident in meeting the cognitive and clinical goals of the program.
- C. A program will be judged on the quality of educational experience provided to the residents. One measure of the quality of a program is the performance of its graduates with respect to the American Board of Surgery examinations for Certification of Special Qualification in Pediatric Surgery. Graduates of ACGME-approved programs are expected to complete this process successfully. A program will be judged deficient unless during the most recent 5-year period at least 50% of its graduates pass the qualifying and certifying examinations on the first try.

## VIII. Special Information

In addition to these requirements specific to pediatric surgery, the Program Requirements for Residency Education in the Subspecialties of General Surgery also apply to all pediatric surgery programs.

All questions concerning the examination for Certification of Special Qualifications in Pediatric Surgery should be addressed to the Secretary, American Board of Surgery, Inc.

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# Program Requirements for Residency Education in General Vascular Surgery

## I. General Characteristics of Approved Programs

Graduate training programs in general vascular surgery should be designed to provide the educational resources appropriate for the development of proficiency in the diagnosis and treatment of diseases of the arterial, venous, and lymphatic circulatory systems, exclusive of those components intrinsic to the heart, thoracic aorta, and intracranial vessels. The foregoing definition describes what is hereinafter referred to as the vascular system. The training objectives are most appropriately achieved through a structured program that is properly supervised and accredited.

## II. Types of Programs

- A. Appropriate education and training in general vascular surgery may be attained through two types of programs. Provision should be made, however, to ensure that in either type of program the general surgery residents' experience in vascular surgery, which is one of the principal components of general surgery, is not adversely affected, in terms of either operative experience or patient responsibility. The two types of programs are:

1. A general vascular surgery residency that follows the completion of an accredited residency program in general surgery and/or thoracic surgery.
  2. A general vascular surgery residency that is a component of an accredited cardiothoracic surgery program, in which patient material is adequate to fulfill the requirements of both areas of training. This specialized training in general vascular surgery is in addition to the requirement of 7 years for completion of the programs in general surgery and thoracic surgery.
- B. An application for a general vascular surgery residency will not be accepted if the core program in either general surgery or thoracic surgery is not provisionally or fully approved. There should be only one general vascular surgery program per sponsoring institution.

## III. Duration and Scope of Training

- A. The general vascular surgery program must be of sufficient duration to allow the resident to acquire an advanced level of skill in the diagnosis and treatment of vascular diseases. The program shall not be less than 12 months in duration and shall be exclusively devoted to general vascular surgery. It shall be in addition to the training required for certification in either general surgery or thoracic surgery. Any program that extends clinical training beyond these minimum requirements must present a clear educational rationale consonant with the program requirements and objectives for residency training. The program director must obtain approval of the Residency Review Committee prior to implementation and at each subsequent review of the program. Prior to entry into the program, each resident must be notified in writing of the required length of training.
- B. The program must provide instruction and require the resident to become knowledgeable in the fundamental sciences, including anatomy, embryology, physiology, and pathology, as they relate to the diagnosis and treatment of vascular lesions.
- C. Familiarity with special diagnostic techniques is of great importance in the management of vascular lesions. It is essential that the resident have an acquaintance with the methods and techniques of angiography and competence in the interpretation of angiographic findings. The resident should have experience in the application, interpretation, and limitations of noninvasive vascular diagnostic techniques.
- D. The resident must be provided with progressive senior surgical responsibilities in the four phases of total patient care, consisting of patient evaluation, therapeutic decisions, operative experience, and postoperative management. The focus of the program is clinical education; research, laboratory, and nonvascular clinical assignments should be related to this focus.

## IV. Organization and Staff

- A. To provide an effective training program, a general vascular surgery service must be organized as an identifiable unit, even though it is within the framework of a larger administrative entity such as a department of surgery or general surgery or thoracic surgery. It is highly desirable that all patients with vascular disease who are available for teaching purposes be admitted to this unit so that the patients may be centralized and utilized most efficiently for teaching.

The general vascular surgery program must be under the direction of a vascular or cardiovascular surgeon certified by the American Board of Surgery and/or Thoracic Surgery, or possessing equivalent qualifications, and dedicated to the teaching of general vascular surgery. The director of the general vascular surgery program must have continuous responsibility and authority for administrative and teaching policies of the service.

B. Privileges on the general vascular surgery teaching service should be granted to surgeons only with the understanding that their patients are to be available for coordinated graduate education of residents. All members of the staff of the general vascular surgery unit must be highly qualified in general vascular surgery, dedicated to teaching, and must devote the necessary time and effort to the educational program. They should also engage in scholarly activities.

## V. Patient Population

The institution, department, or service accredited to conduct a program of graduate education in general vascular surgery must be able to provide a sufficient number and variety of vascular surgery patients to ensure that residents have an adequate exposure to a wide spectrum of lesions of the vascular system so that they may acquire a high level of skill in their diagnosis and management. There must be a scheduled conference, at least twice monthly, to review current morbidity and mortality.

## VI. Operative Experience

The resident must be afforded the opportunity to have chief or senior resident responsibility in the operative management of a wide range of patients who require the commonly employed reconstructive and nonreconstructive vascular procedures within the scope of general vascular surgery. Chief or senior resident operative experience is defined as activity in the course of which the resident functions as the operating surgeon or performs the critical technical portions of the operation. The resident should perform a minimum of 70 major vascular reconstructive procedures that reflect an adequate representation of current trends in the spectrum of surgical care of vascular diseases.

It is the responsibility of the program directors in both general surgery and general vascular surgery to ensure that the allocation of patients to the vascular surgery resident(s) does not have substantial negative impact on the training of the general surgery residents.

## VII. Other Requirements

In addition to these requirements specific to vascular surgery, the Program Requirements for Residency Education in the Subspecialties of General Surgery also apply to all vascular surgery programs.

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# Program Requirements for Residency Education in Thoracic Surgery

## I. Introduction

### A. Definition of Thoracic Surgery

Thoracic surgery encompasses the operative and perioperative care as well as critical care of patients with pathologic conditions within the chest. Included is the surgical care of coronary artery disease; cancers of the lung, esophagus, and chest wall; abnormalities of the great vessels and heart valves; congenital anomalies of the chest and heart; tumors of the mediastinum; and diseases of the diaphragm. The management of the airway and injuries of the chest is within the scope of the specialty.

## B. Program Goals and Design

1. The director and teaching staff of a program must prepare and comply with written educational goals for the program. All educational components of a residency program should be related to these goals.
2. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.

## C. Objective of Thoracic Surgery Training

The objective of a residency training program in thoracic surgery is to provide the trainee with factual knowledge and technical skills in the preoperative evaluation, operative management, and postoperative care of patients with pathologic conditions involving thoracic structures to prepare the trainee to function as a qualified practitioner of thoracic and cardiovascular surgery at the high level of performance expected of a certified specialist.

## D. Compliance With the Institutional and Program Requirements

For a residency program in thoracic surgery to be accredited, compliance is required with both the institutional requirements and the program requirements, as stated in the *Essentials of Accredited Residencies*.

## II. General Characteristics of Accredited Programs

### A. Core Knowledge and Skills

A thoracic surgery residency is a graduate education program designed to give the resident a broad clinical experience in pulmonary, esophageal, mediastinal, chest wall, diaphragmatic, and cardiovascular disorders in all age groups. On completion of the program, the residents are expected to be clinically proficient in these areas as well as knowledgeable in the use of cardiac and respiratory support devices.

### B. Additional Required Skills

Although operative experience constitutes the most important aspect of the program, the training should include the opportunity to correlate the pathologic and diagnostic aspects of cardiothoracic disorders. The resident is required to be skilled in important diagnostic procedures such as bronchoscopy and esophagoscopy and to be able to interpret all appropriate imaging studies (ultrasound, computed tomography, roentgenographic, radionuclide), cardiac catheterization, pulmonary function, and esophageal function studies. The resident must have the opportunity under supervision to:

1. Provide preoperative management, including the selection and timing of operative intervention and the selection of appropriate operative procedures.
2. Provide and be responsible for the postoperative management of thoracic and cardiovascular patients.
3. Provide and be responsible for the critical care of patients with thoracic and cardiovascular surgical disorders, including trauma patients, whether or not operative intervention is required.

### C. Duration and Scope of Training

#### 1. Duration of Training

- a. Two years of clinical experience on clearly defined thoracic surgical services is the minimum amount of time required in thoracic surgery for the acquisition of the necessary knowledge, judgment, and technical skills. Laboratory investigation is not permitted as a portion of this minimum time. An interruption of the required years of clinical experience should not exceed 2 years.
- b. Any program that extends training beyond these minimum requirements must present a clear educational rationale consonant with the program requirements and objectives for residency training. The program director must obtain approval of

the RRC prior to implementation and at each subsequent review of the program. Prior to entry into the program, each resident must be notified in writing of the required length of training.

- c. Specific rotations in nonsurgical areas such as cardiac catheterization and/or esophageal or pulmonary function may not exceed a total of 3 months during the clinical program and may not occur in the final year.

## 2. Scope of Training

- a. The resident must complete a general surgery residency program accredited by either the Accreditation Council for Graduate Medical Education (ACGME) or the Royal College of Physicians and Surgeons of Canada before beginning training in thoracic surgery.
- b. Residents must be provided with progressively increasing responsibility. The final year of thoracic surgical training must be served in the integrated institutions of the program, except with prior approval of the RRC. During the final year the resident must assume senior responsibility for the preoperative, intraoperative, and postoperative care of patients with thoracic and cardiovascular disease.
- c. The RRC recognizes the importance of interaction among trainees themselves, as well as between teaching staff and trainees in the conduct of conferences and patient care. A number of residents is essential to provide an opportunity for meaningful interaction throughout the training period. Each program must be structured to have a minimum of two thoracic surgery residents in training.

## III. Institutional Responsibilities

### A. Institutional Commitment

#### 1. The Sponsoring Institution

An educational program in thoracic surgery must have one sponsoring institution with primary responsibility for the entire program. The sponsoring institution must provide evidence of commitment to graduate medical education, including thoracic surgery, and must assume responsibility for the educational validity of all components of the program.

#### 2. The Participating Institutions

When there is a cooperative residency program involving multiple institutions, the commitment of each institution to the program must be made explicit and should be embodied in current letters/contracts of affiliation or integration.

##### a. Affiliated Institutions

The formal written agreement must cover:

1. The scope of the affiliation
2. The resources and facilities in all participating institutions that will be available to the residents
3. The duties and responsibilities the resident will have in the participating institutions
4. The relationship that will exist between the thoracic surgery residents and the residents and faculty in other programs in the participating institutions
5. The supervision the residents will receive by faculty in each institution

##### b. Integrated Institutions

The formal written agreement must specify, in addition to the points under III.A.2.a, that the program director of the parent institution:

1. Appoints the members of the teaching staff at the integrated institution
2. Appoints the chief or director of the teaching service in the integrated institution
3. Appoints all residents in the program

4. Determines all rotations and assignments of both residents and members of the teaching staff

Participating institutions and their teaching staffs must ensure that all educational experiences and resources offered are consistent with the goals of the program and meet the standards set forth herein. When several institutions participate in sponsoring a program, the program director has the primary responsibility for developing mechanisms to coordinate the overall educational mission to facilitate the accomplishment of the program's goals and be in substantial compliance with the requirements. A program in which any participating institution does not allow appropriate supervision or coordination of educational experiences is not acceptable.

### B. Institutional Resources and Facilities

#### 1. Institutional Resources

Institutions must assume responsibility for ensuring an administrative and academic structure that provides for management of educational and financial resources dedicated to the needs of the program, such as appointment of teaching faculty and residents, and for adequate program planning and evaluation.

#### 2. Facilities

Facilities must be appropriate and sufficient for the effective accomplishment of the educational mission of each program. In every institution used as a training site for thoracic surgery, there must be adequate space for patient care, program support, and research; trained medical and paramedical personnel; laboratory and imaging support; and medical library resources.

#### 3. Supporting Disciplines

- a. Recognizing the nature of the specialty of thoracic surgery, it is important that thoracic surgery residents have the opportunity to interact with residents in other related specialties in all of the participating institutions.
- b. To ensure a cohesive educational environment, the program director must cooperate with the leadership of related disciplines and actively foster the training of thoracic surgery residents in those disciplines. Program directors, teaching staff, and residents in thoracic surgery must work together to provide an operating system whereby the goals and requirements of the training programs can be met.

## IV. Teaching and Resident Staff

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

### A. Program Director

There must be a single program director responsible for the program.

#### 1. Qualifications of the Program Director

- a. Requisite and documented clinical, educational, and administrative abilities and experience.
- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
- c. Certification by the American Board of Thoracic Surgery (ABTS) or suitable equivalent qualifications, as determined by the RRC.
- d. Appointment in good standing to the medical staff of an institution participating in the program.

#### 2. Responsibilities of the Program Director

The program director must have appropriate authority and adequate stability as well as give sufficient time to organize and to

fulfill administrative and teaching responsibilities. A stable educational environment cannot be maintained without continuity in program leadership.

The responsibilities include:

- a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
- b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures. In selecting from among qualified applicants for first-year thoracic surgery resident positions, the thoracic surgery program should participate in the Thoracic Surgery Matching Program.
- c. Selection and supervision of the teaching staff and other program personnel at each institution participating in the program. Opportunities for development of the teaching staff should be made available to each member of the staff and should include development of skills in teaching, research, and scientific writing.
- d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
- e. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
- f. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
- g. Ensuring assignment of reasonable in-hospital duty hours so that residents are not required regularly to perform excessively prolonged periods of duty. It is desirable that residents' work schedules be designed so that on average, excluding exceptional patient care needs, residents have at least 1 day out of 7 free of routine responsibilities and be on call in the hospital no more often than every third night. Since training in thoracic surgery is at senior levels, the ratio of hours worked and on-call time varies considerably and necessitates flexibility.
- h. Notification of the executive secretary of the RRC in writing of any program change that may significantly alter the educational experience for the residents. This will include a change in
  1. program director and/or department chairman and/or
  2. formal affiliation with another institution.
- i. Requesting prior approval from the RRC for the following changes so that the committee may determine that there is adequate educational justification and that an adequate educational environment exists to support these changes:
  1. Formal integration with another institution
  2. A required rotation to any institution other than those already participating in the program in which the duration is 4 months or longer or a foreign rotation of any duration
  3. The number of resident positions offered
  4. The number of years of training required in the program
- j. It is essential that the program director provide complete and accurate program information forms to the RRC so that an adequate assessment of the program can be made. A comprehensive and accurate evaluation of the program is not possible without the detailed information requested. The program director is also responsible for the accuracy of the residents' records of their surgical experience and for making these records available to the RRC on request. Program directors should pay particular attention to consistency in the reporting of "Operative Experience Reports" for the institutions, the residents, and any other fellows/special trainees appointed to the program. In the evaluation of the program, it is essential that the statistics in all reports cover the same period of time for comparison purposes, ie, the institution's report must be consistent with the residents' reports and those of fellows/special trainees. Failure to furnish the required information in the program information forms may jeopardize the accreditation of the program.

### B. Teaching Staff

1. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Physicians with teaching responsibilities should be board-certified in thoracic surgery or possess suitable equivalent qualifications, as determined by the RRC. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. There should be at least one designated cardiothoracic faculty member responsible for coordinating multidisciplinary clinical conferences and organizing instruction and research in general thoracic surgery.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The teaching staff must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
6. The teaching staff should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the teaching staff, and the quality of supervision of residents.

### C. Other Program Personnel

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

### D. Scholarly Environment

Graduate medical education must take place in an environment of inquiry and scholarship in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility. Adequate documentation of scholarly activity on the part of the program director and the teaching staff at the sponsoring and integrated institutions must be submitted at the time of the program review. Documentation of scholarly activity is based on:

1. Participation in continuing surgical education;
2. Participation in regional or national surgical scientific societies;
3. Presentation and publication of scientific studies;
4. Demonstration of an active interest in research as it pertains to their own special surgical interests. The RRC will consider documented involvement in the following as indications of the commitment of the staff to research:
  - a. Projects that are funded following peer review
  - b. Publications in peer-reviewed journals
  - c. Presentations at national and regional scientific meetings
  - d. Research protocols that have been approved by appropriate institutional committees or other organizations

#### E. Residents

1. Resident Selection  
Residents who are eligible to enter graduate medical education programs accredited by the ACGME must meet the qualifications stipulated in the institutional requirements.
2. Resident Responsibilities  
The hallmark of surgical care has long been the commitment of surgeons to be available for their patients throughout the surgical experience. In residency training a commitment to continuity of care involves the development of a keen sense of personal responsibility for patient care that is not automatically discharged at any given hour. Duty hours and night and weekend call for residents must reflect this concept of longitudinal responsibility for patients by providing for adequate continuity of patient care. At the same time, duty assignments must not regularly be of such excessive length and frequency that they cause undue fatigue and sleep deprivation.

### V. Educational Program

#### A. Surgical Volume

1. Minimum Standards  
Guidelines for the minimum operative experience of each resident are as follows:
  - a. An annual average of 125 major operations from those listed on the program information forms.
  - b. An adequate distribution of categories and complexity of procedures such that each resident is ensured a balanced and equivalent operative experience.
  - c. The categories of procedures must include but are not limited to the following: lungs, pleura, chest wall, esophagus, mediastinum, diaphragm, thoracic aorta and great vessels, congenital heart anomalies, valvular heart diseases, and myocardial revascularization. Residents should also have experience in cardiac pacemaker implantation, mediastinoscopy, pleuroscopy, and flexible and rigid esophagoscopy and bronchoscopy.
2. Resident Credit for Operative Experience  
Operative experience should meet the following criteria:
  - a. The resident participated in the diagnosis, preoperative planning, and selection of the operation for the patient.
  - b. The resident performed those technical manipulations that constituted the essential parts of the patient's operation.
  - c. The resident was substantially involved in postoperative care.
  - d. The resident was supervised by responsible teaching staff.

#### B. Supervision

Programs in thoracic surgery require that residents be directly involved in providing care under supervision in all institutions that accept responsibility for the quality of the educational program. There must be procedures established by the program director that ensure that all residents are supervised during their operative and clinical training.

Program directors and residents should note that the ABTS may have its own specific guidelines for adequate operative experience.

#### C. Rotations

1. Rotation Plan  
The program director is responsible for providing an organized written plan and a block diagram for the rotations of residents among the various services and institutions in the program so that continuity in the care of patients can be achieved. The residents' rotations should be carefully structured so that graded levels of responsibilities can be maintained, all residents receive a balanced training and experience in the program, and the requirements stipulated under Section II.C.2, Scope of Training, can be met.
2. Rotation Objectives  
The objectives of each rotation should be well defined in the curriculum. A number of abbreviated rotations among several participating institutions to meet minimum requirements is discouraged. Simultaneous assignment to more than one institution must be avoided.

#### D. Number of Residents and Other Trainees

1. Evaluation of Resident Complement  
As part of its review process, the RRC evaluates the number of residents participating in each program. The program director must ensure that there are adequate facilities, qualified teaching staff, and an adequate clinical volume and distribution of surgical cases for the number of residents participating in a given program.
2. Appointment of Other Trainees  
The appointment of other trainees to the program and their operative experience must be reported to the RRC so that the committee can determine whether the educational experience of the residents already in training is compromised. Dilution of the residents' experience by other appointees may be deemed substantial noncompliance with this requirement.

#### E. Conferences

The program director is responsible for providing separate and regularly scheduled teaching conferences, mortality and morbidity conferences, rounds, and other educational activities in which both the thoracic surgery teaching staff and the residents attend and participate. Such experiences should be under the direction of qualified thoracic surgeons and other teaching staff in related disciplines. Records of attendance must be kept and be available for review by the site visitor.

#### F. Patient Care Responsibilities

The educational mission of each program must not be compromised by an excessive reliance on residents to fulfill institutional service obligations. In addition, excellence in patient care must not be compromised or jeopardized by needs of the educational program.

#### G. Outpatient Responsibilities

Outpatient activities constitute an essential component for providing adequate experience in continuity of patient care. These activities should be conducted in such a way that the resident has an opportunity to examine the patient preoperatively, has ample opportunity to consult with the attending surgeon regarding operative care, and has an opportunity to participate in the operation and in the postoperative care. To participate in posthospital care, the resident has the responsibility for seeing the patient personally in an outpatient setting and/or, as a minimum in some cases, consulting with the attending surgeon regarding the follow-up care rendered to the patient in the doctor's office.

The policies and procedures governing prehospital and posthospital involvement of the residents must be documented. Evidence of

the elements of this process, in the form of notes on the patient's chart as well as other records, must be available to the site visitor at the time of program review.

#### H. Library

1. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
2. Library services should include the electronic retrieval of information from medical databases.
3. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### I. Autopsies

Permission for performing an autopsy should be sought in all deaths. Autopsy material must be appropriately reviewed by teaching staff and residents.

### VI. Evaluation

- A. The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents of the teaching staff and the program should be utilized in this process.
- B. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a thoracic surgeon, should be documented.  
The program director, with participation of members of the teaching staff, shall:
  1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
  2. Communicate each evaluation to the resident in a timely manner.
  3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
- C. A written final evaluation for each resident who completes the program must be provided. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
- D. One measure of the quality of a program may be the percentage of program graduates who take the certification examination of the ABTS and their performance on that examination.

Application forms may be obtained by writing to Executive Secretary, Residency Review Committee for Thoracic Surgery, 515 N. State St/Ste 2000, Chicago, IL 60610

ACGME: September 1992 Effective: July 1995

# Program Requirements for Residency Education in Urology

## I. Introduction

### A. Definition of the Specialty

Urology is the medical and surgical specialty that deals with disorders of the genitourinary tract and the adrenal gland. Specialists in this discipline must have core knowledge, skills, and understanding of the basic medical sciences relevant to the genitourinary tract and adrenal gland, including the clinical aspects of diagnosis and the medical and surgical therapy, prevention, and reconstruction for diseases, neoplasms, deformities, disorders, and injuries.

### B. Purpose

Residency programs in urology must provide balanced education in the cognition, attitudes, and skills necessary for current urologic practice. At the conclusion of such education, residents should be qualified to provide high-quality care to patients with urologic disorders.

### C. Objective

Each urology residency must specify the methods of training that will ensure mastery of the educational program specified in Section V of this document. This shall be accomplished through the implementation of a fully developed curriculum that most effectively utilizes the skills of a highly qualified and experienced faculty, the available patient population, and the participating institutions' facilities and resources.

### D. Duration of Training

Five years of postgraduate education are required, of which 12 months must be spent in general surgery in an Accreditation Council for Graduate Medical Education (ACGME)-accredited program and 36 months must be spent in clinical urology. Of the remaining 12 months, 6 months must be spent in general surgery, urology, or in other clinical disciplines relevant to urology. Irrespective of the training format provided, the final 12 months of training must be spent as a senior/chief resident in urology in institutions that are an approved part of the program with appropriate clinical responsibility under supervision.

1. Any program that extends training beyond these minimum requirements must present a clear educational rationale consonant with the program requirements and objectives for residency training. The program director must obtain approval of the Residency Review Committee (RRC) prior to implementation and at each subsequent review of the program.
2. Accreditation by the ACGME is required for all years of the training program. To be considered a graduate of the program, residents must complete the full length of training for which the program is accredited.
3. Prior to entry into the program, each resident must be notified in writing of the required length of training. The required length of training for a particular resident may not be changed without mutual agreement during his or her program, unless there is a significant break in his or her training or the resident requires remedial training. All such changes must have prior approval of the RRC.

## II. Institutional Organization

Institutions involved in training urology residents must be able to provide broad-based opportunities for resident education, including

scholarly pursuits as well as relevant clinical experience across the full range of urologic disease in both children and adults. Sponsoring institutions with clinical and academic areas of insufficiency that cannot be overcome within the institution should seek affiliation with participating institutions. Affiliations that dilute the education of residents or those where the participating institutions do not provide proper supervision and coordination of training activities must not be established or maintained.

#### A. Sponsoring Institution

An educational program in urology must have one sponsoring institution with primary responsibility for the entire program. Appropriate institutions include medical schools, hospitals, and medical foundations. The institution must demonstrate commitment to the program in terms of financial and academic support.

#### B. Participating Institutions

Participating institutions include the sponsoring institution and other participating institutions. There must be an appropriately executed affiliation agreement between the sponsoring institution and each institution participating in the program that conforms to the institutional requirements.

1. The number and distribution of participating institutions must not preclude satisfactory participation by residents in teaching and training exercises.
2. Rotations to institutions must be based on a clear statement of the value of such affiliation to the teaching program as a whole.
3. Rotations to institutions distant from the sponsoring institution must offer special clinical resources otherwise not available to the program.
4. The primary teaching staff should be geographically located within their respective institutions, although alternate arrangements may be acceptable if it can be demonstrated that rapid access to faculty is available to residents at all times.

#### C. Appointment of Residents

1. The RRC will approve a total number of residents to be trained in the program by training year. That number will be based primarily on the number, qualifications, and commitment of the faculty; the volume and variety of the patient population available for educational purposes; and the totality of institutional resources committed to resident education.
2. Programs may not graduate more residents in any given year than the number of residents approved by the RRC for that year. Any change in the number of residents at any level of training or change in the total number of residents must receive prior approval of the RRC. Requests for changes in the approved resident complement of a program must include a strong educational rationale. Requests based primarily on service considerations will not be approved.
3. A vacancy in a resident complement, if filled, must be at the same level in which the vacancy occurs, unless otherwise approved by the RRC.

### III. Faculty Qualifications and Responsibilities

The program director and the teaching staff are responsible for the general administration of a program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and maintenance of records related to program accreditation.

#### A. Program Director

There must be a single program director responsible for the program.

1. Qualifications of the Program Director

- a. Requisite and documented clinical, educational, scholarly, and administrative abilities and experience.
  - b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted.)
  - c. Certification by the American Board of Urology or suitable equivalent qualifications.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
  - e. Must be based at the sponsoring institution unless otherwise approved by the RRC.
2. Responsibilities of the Program Director
    - a. Devoting sufficient time and effort to the program to provide day-to-day continuity of leadership and to fulfill all of the responsibilities inherent in meeting the educational goals of the program.
    - b. Developing a sound organizational framework and an effective teaching staff as essential elements of an approved residency program. Continuity of leadership is important to the stability of a residency program. Frequent changes in leadership or long periods of temporary leadership usually have an adverse effect on an educational program and will be cause for serious concern.
    - c. Engaging in scholarly pursuits such as (1) active involvement in continuing medical education in urology, (2) active participation in regional or national scientific societies, (3) presentations and publications, and (4) active interest in research.
    - d. Ensuring that residents have access to a balanced and comprehensive surgical experience and that the progress of each resident is regularly evaluated.
    - e. Preparing a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and members of the teaching staff. It should be readily available for review.
    - f. Maintaining an annual log of cases performed by the urology service within each participating institution to which residents rotate for clinical experience in the form and format provided by the RRC.
    - g. Compiling, on an annual basis, an accurate statistical and narrative description of the program. This will include a comprehensive record of the number and type of operative procedures performed by each resident completing the training in the program, including all of the procedures in which the resident was either primary surgeon or assistant surgeon, to be signed by both the resident and the program director as a statement of its accuracy. This information must be provided in the format and form specified by the RRC. These records must be maintained by the program director.
    - h. Supervising residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
    - i. Evaluating regularly residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
    - j. Implementing fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
    - k. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alco-



hol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.

- l. Having appropriate authority to oversee and to organize the activities of the educational program. The responsibilities of this position should include but not be limited to the following:
  1. Resident selection, appointments, and assignments in accordance with institutional and departmental policies and procedures
  2. Supervision, direction, and administration of the educational activities at all participating institutions
  3. Evaluation of the house staff, faculty, and residency program
  4. Appointment of local training directors and other personnel in participating institutions
- m. Notifying the executive secretary of the RRC in writing of any major change in the program that may significantly alter the educational experience or environment for the residents, including:
  1. Changes in leadership of the department, such as his or her appointment as a permanent or acting program director and/or departmental chair
  2. Changes in administrative structure, such as an alteration in the hierarchical status of the program/department within the institution
- n. Preparing an accurate statistical and narrative description of the program as required by the RRC and obtaining prior approval of the RRC for the following changes in the program to determine if an adequate educational environment exists to support these changes:
  1. The addition or deletion of any institution to which residents rotate for a total of 4 months or longer during the residency
  2. Any change in the approved resident complement of the program
  3. Any change in the length or format of the training program

Upon review of a proposal for a major change in a program, the RRC may determine that a site visit is necessary.

#### **B. Number and Qualifications of the Faculty**

1. There must be a minimum of two urology faculty members committed fully to the educational objectives of the residency program who devote sufficient time to the supervision and teaching of the residents. An instructor-to-trainee ratio of at least 1:3 is desirable, one of whom can be the program director. The program director must notify the RRC if the minimum number of fully committed faculty drops below two or if the ratio falls below 1:3 and remains below that level longer than 1 year.
2. Urologists with teaching responsibilities must be certified or in the process of certification by the American Board of Urology or have equivalent qualifications.
3. All members of the faculty must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the faculty of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
5. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program ef-

fectiveness in achieving them. At least one resident representative should participate in these reviews.

6. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of patients available to the program for educational purposes, the performance of members of the faculty, and the quality of supervision of residents.
7. It is highly desirable that faculty members possess special expertise in several of the different urological disciplines such as pediatric urology; female urology; renal transplant; renal vascular disease; oncology; infertility, impotence, and endocrinology; stone disease; and urodynamics to provide the greatest depth of knowledge in a variety of subjects.

#### **C. Faculty Responsibilities**

1. The faculty must demonstrate dedication to the motivation, instruction, and education of residents. Faculty must actively participate in and devote sufficient time to the educational program and pursue scholarly activities, including:
  - a. Participation in regional and national professional associations
  - b. Participation in their own continuing medical education
  - c. Demonstration of an active interest in research as it pertains to the specialty
  - d. Production of scientific presentations and publications
2. One measure of adequate faculty commitment to the residency program is the extent to which they permit residents to participate in the management of patients under faculty members' care.
3. Refereed publications and significant participation in research are well-recognized evidence of the quality of the faculty. While not all members of a teaching staff can be investigators, the majority of the faculty should be engaged routinely in such scholarly activities.
4. Faculty involved in teaching should have clearly defined responsibilities, including but not limited to supervision of residents, teaching, administration, and/or research. The amount of time dedicated to the educational program should be specified.

#### **D. Training Directors at Participating Institutions**

1. There shall be a qualified urologist appointed by and responsible to the program director in each geographically separate institution. This individual must be responsible for the education of the residents and also will supervise the educational activities of the other urologists relating to resident education in that institution.
2. These appointments will be generally for a 1-year period and can be renewed to ensure continuity of leadership.
3. The training director in urology at each participating institution must have major clinical responsibilities at that institution.

#### **E. Other Program Personnel**

Programs must be provided with the additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

#### **IV. Facilities and Resources**

There must be adequate space and equipment for the educational program, including meeting rooms; classrooms with audiovisual and other educational aids; office space for staff; pertinent library materials; and diagnostic, therapeutic, and research facilities.

- A. Within each institution, bed space sufficient for the needs of the urology service must be provided, preferably within a single area under the direction of the urology service.
- B. Technologically current diagnostic facilities providing cystoscopy, imaging with biopsy, imaging with percutaneous access to the kidney, and urodynamic equipment must be present.

- C. An extracorporeal shock wave lithotripsy facility should be available for resident education in the treatment of urinary calculi.
- D. Residents must have access to outpatient facilities, clinic, and office space for training purposes in the regular preoperative evaluation and postoperative follow-up for cases for which the resident has responsibility.
- E. A medical records department that facilitates both quality patient care and education must be available.
  1. It should be supervised by a qualified medical records librarian.
  2. Clinical records must be maintained to ensure easy and prompt access at all times.
  3. The records system must be organized to permit the collection and evaluation of selected material from clinical records for investigative and review purposes.
- F. Residents must be provided with adequate office, sleeping, lounge, and food facilities during assigned duty hours. Adequate clerical support services must also be provided.
- G. Institutions should provide adequate resources for research, such as statistical consultation and computer services. Research laboratories, while not mandatory for accreditation, should be available. Institutions offering training programs in urology should encourage and support the development and use of such facilities.

## V. Educational Program

Programs in urology must be dedicated to the educational goals of residency training rather than to the utilization of residents primarily for the service requirements of patient care. A close working relationship must exist between the faculty and the residents. All patients on the urology service must be reviewed by the faculty on regular teaching rounds with the residents according to a predetermined schedule, and all major surgery performed on the service by the residents should be done under the direct supervision of the faculty. Throughout the training period, the faculty must continuously assess the competence of the residents through personal observation.

### A. Program Goals and Objectives

The program director and faculty must prepare and comply with written educational goals for the program.

1. Program Design
  - All educational components of a residency program should be related to program goals.
  - a. The program design and/or structure must be approved by the RRC as part of the regular review process.
  - b. Participation by any institution providing more than 3 months of training must be approved by the RRC.

### 2. Program Evaluation

The educational effectiveness of a program must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Written evaluations by residents should be utilized in this process.

### B. Conferences

1. There must be well-defined, documented, regularly scheduled conferences, including a combined morbidity and mortality conference for all participating hospitals, urological imaging, urological pathology, journal review, and other subjects having educational value in the basic and clinical domains of urology. The domains of urology are defined as andrology, infertility, impotence, calculus disease, endourology, extracorporeal shock wave lithotripsy, neurourology, urodynamics, female urology, pediatric urology, surgery of the adrenal, infectious disease, obstructive disease, psy-

chic disorders, renovascular disease, transplantation, sexuality, trauma, and oncology.

2. Conferences must be planned, well-organized, and offered with advance notification of the topics to be presented. The conference schedule should not conflict with other organized activities of the residency.
3. Conferences should be well attended by both residents and faculty, and such attendance must be documented.
4. Each conference should be supervised by a faculty member to ensure that a worthwhile educational experience will be provided. A list of the conferences held should be maintained and available for examination at the time of review. The list should include the names of those attending, the subjects discussed, the moderator, and the principal speaker.

### C. Patient Population and Clinical Experience

1. A sufficient number and variety of adult and pediatric patients with urologic disease must be available within the program for resident education. Resident experience with medical and surgical patients must extend beyond common urological problems to include other areas such as pediatric urology, urological oncology, urodynamics, trauma, endocrinology as it relates to urology, renal transplantation, female urology, infertility, renal vascular disease, and other areas pertinent to urology as a medical discipline.
2. Generally equivalent and adequate distribution of cases among the residents must be demonstrated. Significantly unequal experience in volume and/or complexity of cases managed by the residents will be considered serious noncompliance with these requirements.
3. During training, the resident should have responsibility under supervision for the total care of the patient, including initial evaluation, establishment of diagnosis, selection of appropriate therapy, implementation of therapy, and management of complications. The resident must participate in the continuity of patient care through preoperative and postoperative clinics as well as inpatient contact.

### D. Graded Responsibility

1. The program must provide the residents with experience in direct and progressively responsible patient management as they advance through training. This training must culminate in sufficiently independent responsibility for clinical decision making to ensure that the graduating resident has achieved the ability to execute sound clinical judgment.
2. With each year of training, the degree of responsibility accorded to a resident, both professional and administrative, should be progressively increased, consonant with skill and experience. This includes responsibility in such areas as patient care, leadership, teaching, organization, and administration. Appropriately qualified senior residents may supervise or act as consultants to junior residents.
3. When residents participate in preoperative and postoperative care in a clinic or private office setting, the program director must ensure that the resident functions with an appropriate degree of responsibility under adequate supervision.

### E. Supervision

1. A supervising/attending surgeon must be responsible for each patient during hospitalization. The supervising/attending surgeon must be a urologist.
2. The supervising/attending surgeon should see the patient, discuss the case with the resident, and write or countersign a preoperative note.
3. All cases must be adequately supervised by appropriately qualified faculty. The program director must ensure, direct, and docu-

ment proper supervision of residents at all times. Residents must be provided with rapid, reliable systems for communicating with supervising residents and attending. Attending physicians or supervising residents with experience appropriate to the severity and complexity of the patient's condition must be available at all times on site. The responsibility or independence given to residents in patient care should depend on their knowledge, manual skill, and experience and the complexity of the patient's illness and risk of the operation.

#### F. Duty Hours and Conditions of Work

Physicians must have a keen sense of personal responsibility for continuing patient care and must recognize that their obligation to patients is not automatically discharged at any given hour of the day or any particular day of the week. Duty hours and night and weekend call for residents must reflect the concept of responsibility for patients and provide for adequate patient care. However, residents must not be required regularly to perform excessively difficult or prolonged duties. It is the responsibility of the program director to ensure assignment of reasonable in-hospital duty hours.

1. Residents at all levels should, on average, have the opportunity to spend at least 1 full day out of 7 free of scheduled hospital duties and should be on call in the hospital no more often than every third night.
2. There should be adequate opportunity to rest and to sleep when on call for 24 hours or more. On-call rooms arranged to permit adequate rest and privacy must be available for each resident on night duty in the hospital.
3. There should be adequate backup support if the volume of patient care required jeopardizes the quality of patient care during or following assigned periods of duty.
4. Residency is a full-time responsibility. Activities outside the educational program must not interfere with the resident's performance in the educational process as defined in the agreement between the institution and the resident.

#### G. Scholarly Activity

1. The faculty and residents should be involved in activities that keep them abreast of current developments in medicine and that enable them to explore new directions in the science of urology. Because research also offers an important opportunity for the application of the basic sciences to clinical problems, it is an essential part of the preparation of the resident for a lifetime of self-education after the completion of formal residency training. The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the faculty. While not all members of the faculty must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:
  - a. Active participation of the faculty in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
  - b. Participation in journal clubs and research conferences.
  - c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
  - d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
  - e. Offering guidance and technical support to residents involved in research.
  - f. Provision of support for resident participation in scholarly activities.

2. The program must provide exposure to research for the residents sufficient to result in understanding of the basic principles of study design, performance, analysis, and reporting (including statistics and epidemiology). Such research exposure may be clinical or basic in nature and should reflect careful advice and planning with the faculty.
  - a. The residents should be exposed to developments outside their own program by attendance at major medical meetings and educational conferences and by visits from recognized authorities from other institutions.
  - b. Evidence of such involvement may be found in clinical or basic science research projects, peer-reviewed publications, and presentations before major scientific meetings. A listing of these activities should be made available at the time of review.
3. Resources
  - a. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
  - b. Library services should include the electronic retrieval of information from medical databases.
  - c. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### H. Related Disciplines

Because clinical problems often involve multidisciplinary care beyond the ordinary competence of the urologist, teaching, medical, and consultative support from other major medical fields must be readily available within the participating institutions. The activities of these disciplines should be supported by residency training programs, particularly in the areas of internal medicine, general surgery, pediatrics, obstetrics and gynecology, pathology, and radiology to facilitate the rapid interchange of up-to-date information so essential to a proper educational environment.

#### I. Appointment of Fellows

1. The appointment of other individuals for special training or education, such as fellows, must not dilute or detract from the educational opportunities of regularly appointed residents.
2. Addition of such individuals by a program director and/or institution requires a clear statement of the areas of training, clinical responsibilities, and duration of the training. This statement is to be supplied to the RRC at the time the program is site-visited.
3. If such individuals so appointed, in the judgment of the RRC, detract from the education of the regularly appointed residents, the accreditation status of the program may be adversely affected.

#### VI. Internal Evaluation

##### A. Evaluation of Residents

1. Appointment of residents or promotion within programs occurs when their medical knowledge, attitudes, and clinical performance meet minimum standards necessary for all trainees at their level.
2. Regular evaluations of resident performance are required at least semiannually and must be reviewed formally and in a timely manner with the resident. Items to be evaluated should include basic medical knowledge, clinical judgment, attitudes, and where applicable, technical competence. Each program must develop and use specific performance measures (in service examinations, resident evaluation forms, residency standards developed by other urology education organizations, etc). Subsequent analysis of these evaluations should guide the faculty in regard to the strengths and weaknesses of individual residents.

3. Residents must be advanced to positions of higher responsibility based on evidence of their satisfactory progressive scholarship and professional growth.
4. A permanent record of evaluation for each resident must be maintained and accessible to the resident and other authorized personnel.
5. A written final evaluation for each resident who completes the program must be provided. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.
6. Based on the above evaluations, the program director and faculty must certify that residents completing the program have fulfilled all criteria established above.

#### B. Faculty Evaluation

1. Teaching ability, commitment, clinical knowledge, and scholarly activities of faculty require periodic review at least annually.
2. Such reviews may be conducted by self-evaluation, peer evaluation, or any acceptable method of the host institution. Resident commentary must be a part of this review, and a summary of the review must be communicated directly to the faculty member by the program director.

#### C. Program Evaluation

1. Programs must conduct and document evidence of periodic evaluations of the entire program at all training sites, including:
  - a. Evidence of satisfactory completion of educational goals
  - b. Attention to the needs of the residents, especially regarding the balance between educational and service components of the program
  - c. Adequate performance of teaching responsibilities by the faculty
  - d. Performance of residents on examinations such as the in-service examination and the American Board of Urology Qualifying (Part I) and Certifying (Part II) Examinations.
2. One measure of the quality of a program is the performance of its graduates on the examinations given by the American Board of Urology. The RRC may consider this information as part of the overall evaluation of the program.

### VII. Board Certification

Residents who plan to seek certification by the American Board of Urology should communicate with the secretary of that board to be certain of the requirements for acceptance as a candidate for certification.

*ACGME: February 1992 Effective: July, 1995*

## Program Requirements for Residency Education in Pediatric Urology

### I. Scope of Training

Specialized training in pediatric urology should cover all aspects of congenital anomalies, childhood-acquired urologic problems such as tumors and trauma, and overlapping problems of adolescence. The subspecialty training in pediatric urology must provide an experience of sufficient level for the trainee to acquire advanced skills in the management of congenital anomalies and pediatric urological problems.

### II. Duration of Training

To be accredited, pediatric urology programs must contain 1 continuous clinical year taken subsequent to the completion of an accredited residency in urology.

### III. Institutional Requirements

- A. A residency training program in pediatric urology can be provided only in conjunction with an Accreditation Council for Graduate Medical Education-accredited urology residency. The institution sponsoring the pediatric urology program must have sufficient volume and variety of pediatric urology experience to meet the needs of the trainee without compromising the quality of resident training in general urology. The pediatric urology program must be centered at a children's hospital or a medical center with major pediatric medical and surgical subspecialties. The sponsoring institution of the pediatric urology program may seek a complementary affiliation with other institutions that offer significant educational opportunities to the residency program.
- B. To be considered for accreditation, the institution should have a minimum of 500 major pediatric urology surgical procedures per year and more than 2000 pediatric urological outpatient visits per year.
- C. Diagnostic facilities should include state-of-the-art radiologic, ultrasonographic, and urodynamic equipment suitable for the care of patients.
- D. Program Research and Scholarly Activity
 

Graduate medical education must take place in an environment of inquiry and scholarship, in which residents participate in the development of new knowledge, learn to evaluate research findings, and develop habits of inquiry as a continuing professional responsibility.

  1. Scholarly Activity
 

The responsibility for establishing and maintaining an environment of inquiry and scholarship rests with the faculty. While not all members of a faculty must be investigators, the staff as a whole must demonstrate broad involvement in scholarly activity. This activity should include:

    - a. Active participation of the faculty in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.
    - b. Participation in journal clubs and research conferences.
    - c. Active participation in regional or national professional and scientific societies, particularly through presentations at the organizations' meetings and publication in their journals.
    - d. Participation in research, particularly in projects that are funded following peer review and/or result in publications or presentations at regional and national scientific meetings.
    - e. Offering of guidance and technical support (eg, research design, statistical analysis) for residents involved in research.
    - f. Provision of support for resident participation in scholarly activities.
  2. Library
    - a. Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions.
    - b. Library services should include the electronic retrieval of information from medical databases.
    - c. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution partici-

pating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### IV. Educational Program

The director and faculty of a program must prepare and comply with written educational goals for the program.

##### A. Program Design

All educational components of the program should be related to program goals.

1. The program design and/or structure must be approved by the Residency Review Committee (RRC) as part of the regular review process.
2. Participation by any institution providing more than 2 months of education in the program must be approved by the RRC.

##### B. Program Course of Study

The educational program must provide clinical experience to develop clinical competence in pediatric urology. The clinical component of the program must provide the following areas:

1. Experience in surgical aspects of pediatric urology must be documented in an accurate, comprehensive, operative log maintained by the resident and reviewed by the program director each quarter of the year.
2. Experience in outpatient management of pediatric urologic disease, with graded responsibility for patient care, must be documented and similarly maintained.
3. Familiarity with all state-of-the-art modalities of imaging.
4. Performance and evaluation of urodynamic studies.
5. Management of patients with urologic tumors.
6. Management of patients with urologic trauma.
7. Experience with the multidisciplinary management of nephrological disease.
8. Exposure to the neonatal units and intensive care units for all pediatric ages.
9. Participation in a multidisciplinary setting of myelomeningocele and other neuropathic bladder entities.
10. Experience with the multidisciplinary management of patients with problems relating to sexual development and medical aspects of intersex states.
11. Performance of genetic counseling for renal and genital anomalies.
12. Familiarity with pediatric infectious disease and its treatment.

##### C. Pediatric Urology Resident Duty Hours

The same resident duty hours and supervision requirements apply to pediatric urology residents as provided in the Program Requirements for Residency Education in Urology.

#### V. Faculty

The program director and faculty are responsible for the general administration of the program, including those activities related to the recruitment, selection, instruction, supervision, counseling, evaluation, and advancement of residents and the maintenance of records related to program accreditation.

##### A. Program Director

There must be a single program director responsible for the program. The program director should be based at the institution where the education occurs and must be dedicated to and actively engaged in pediatric urology education.

1. Qualifications of the Program Director
  - a. Requisite and documented clinical, educational, and administrative abilities and experience in all aspects of pediatric urology.

- b. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempted).
  - c. Certification by the American Board of Urology or suitable equivalent qualifications and qualifications and experience in the practice of pediatric urology.
  - d. Appointment in good standing to the medical staff of an institution participating in the program.
2. Responsibilities of the Program Director
    - a. Preparation of a written statement outlining the educational goals of the program with respect to knowledge, skills, and other attributes of residents at each level of training and for each major rotation or other program assignment. This statement must be distributed to residents and faculty members. It should be readily available for review.
    - b. Selection of residents for appointment to the program in accordance with institutional and departmental policies and procedures.
    - c. Selection and supervision of the faculty and other program personnel at each institution participating in the program.
    - d. The supervision of residents through explicit written descriptions of supervisory lines of responsibility for the care of patients. Such guidelines must be communicated to all members of the program staff. Residents must be provided with prompt, reliable systems for communication and interaction with supervisory physicians.
    - e. Regular evaluation of residents' knowledge, skills, and overall performance, including the development of professional attitudes consistent with being a physician.
    - f. Implementation of fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
    - g. Monitoring resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and faculty should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Educational situations that consistently produce undesirable stress on residents must be evaluated and modified.
    - h. Preparation of an accurate statistical and narrative description of the program as requested by the RRC.

##### B. Faculty

1. There must be a sufficient number of faculty with documented qualifications to instruct and supervise adequately all pediatric urology residents in the program. Members of the faculty must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
2. All members of the faculty must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
3. A member of the faculty of each participating institution must be designated to assume responsibility for the day-to-day activities of the program at that institution, with overall coordination by the program director.
4. The faculty must be organized and have regular documented meetings to review program goals and objectives as well as program effectiveness in achieving them. At least one resident representative should participate in these reviews.
5. The faculty should periodically evaluate the utilization of the resources available to the program, the contribution of each institution participating in the program, the financial and administrative support of the program, the volume and variety of

patients available to the program for educational purposes, the performance of members of the faculty, and the quality of supervision of residents.

### C. Other Program Personnel

Programs must be provided with additional professional, technical, and clerical personnel needed to support the administration and educational conduct of the program.

## VI. Evaluation

The pediatric urology program must have ongoing assessment of the following components of the educational program: resident performance, faculty performance, patient care, and program objectives.

### A. Pediatric Urology Resident Evaluation

The program director, with participation of members of the faculty, shall:

1. At least semiannually evaluate the knowledge, skills, and professional growth of the residents, using appropriate criteria and procedures.
2. Communicate each evaluation to the resident in a timely manner.
3. Advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
4. Maintain a permanent record of evaluation for each resident and have it accessible to the resident and other authorized personnel.
5. Provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to practice competently and independently. This final evaluation should be part of the resident's permanent record maintained by the institution.

### B. Program and Faculty Evaluation

The educational effectiveness of the program and faculty must be evaluated in a systematic manner. In particular, the quality of the curriculum and the extent to which the educational goals have been met by residents must be assessed. Confidential, written evaluations by residents should be utilized in this process.

## VII. Board Certification

Individuals should communicate with the secretary of the American Board of Urology as to the status of requirements for certification.

*ACGME: February 1990 Effective: July 1995*

# Program Requirements for the Transitional Year

## I. Purpose of a Transitional Year

The transitional year must be designed to fulfill the educational needs of medical school graduates who:

- A. Have chosen a career specialty for which the respective program in graduate medical education has, as a prerequisite, 1 year of fundamental clinical education, which may also contain certain specific experiences for development of desired skills; or
- B. Have not yet made a career choice or specialty selection and desire a broad-based year to assist them in making that decision; or
- C. Are planning to serve in organizations such as the public health service or on active duty in the military as general medical officers or primary flight/undersea medicine physicians prior to completing a program in graduate medical education; or

D. Have at least 1 year of fundamental clinical education prior to entering a career path that does not require broad clinical skill, such as administrative medicine or nonclinical research.

The objective of the transitional year is to provide a well-balanced program of graduate medical education in multiple clinical disciplines designed to facilitate the choice of and/or preparation for a specific specialty. The transitional year is not meant to be a complete graduate education program in preparation for the practice of medicine.

The sponsoring institution and the transitional year program must demonstrate substantial compliance with both the institutional requirements of the *Essentials of Accredited Residencies* and the program requirements that follow.

## II. Administration

### A. Sponsorship

1. The transitional year program must be offered by an institution and its affiliate(s) conducting two or more Accreditation Council for Graduate Medical Education (ACGME)-accredited residency programs, which must participate in the education of transitional year residents. One of these accredited residency programs must be identified as the sponsoring program. Other disciplines may serve as participants in the transitional year.
2. Each of the accredited sponsors must exist in the parent institution and its affiliate(s) offering the transitional year. The sponsors and participating disciplines must represent a component of the transitional year program.
3. Programs that do not regularly provide educational experiences for the transitional year residents should not be designated as participating disciplines.
4. One of the accredited sponsors must provide experiences for the transitional year residents to develop fundamental clinical skills. Those disciplines considered to provide these experiences are family practice, internal medicine, obstetrics/gynecology, pediatrics, and general surgery.
5. The sponsoring programs and participating disciplines must provide written goals and objectives for the areas of knowledge and skills to be developed by the transitional year resident and demonstrate a commitment to meeting those goals and objectives through the provision of quality teaching and allocation of adequate educational resources. These goals and objectives must be distributed to the residents and be readily available for review.

### B. Program Director

1. There must be a single program director responsible for the program. The process by which the program director of the transitional year program is appointed must be consistent with the policies for the appointment of other program directors in the sponsoring institution.
2. The program director's tenure should be of sufficient duration to assure continuity of the educational program. The program director should be appointed for a minimum of 3 years.
3. The program director must be a physician with demonstrated and documented clinical, educational, and administrative abilities and experience in graduate medical education. The qualifications of the program director must include:
  - a. The ability to devote the time required for program development, implementation, administration, and supervision
  - b. Certification by a specialty board or suitable equivalent qualifications
  - c. Licensure to practice medicine in the state where the institution that sponsors the program is located. (Certain federal programs are exempt.)

- d. Appointment in good standing to the medical staff of an institution participating in the program.
4. The program director must coordinate the educational experiences within the separate categorical programs and participating disciplines. Sufficient authority must be delegated to the program director by the sponsoring institution to facilitate effective organization and management.
5. The responsibilities of the program director must include the following:
  - a. To select the residents for appointment to the program in accordance with institutional policies and procedures.
  - b. To select and supervise the teaching staff and other program personnel at each institution participating in the program.
  - c. To arrange and implement educational programs in fundamental clinical skills.
  - d. To counsel transitional year residents in the development of a curriculum appropriate to their individual learning needs and career goals.
  - e. To apply to the transitional year residents those institutional policies that apply to all other residents in the institution.
  - f. To develop and implement systems for periodic evaluation of (1) the quality of the educational experience and program performance, (2) resident performance, (3) resident assessment of the program's educational components including the faculty, and (4) faculty performance.
  - g. To advance residents to positions of higher responsibility only on the basis of evidence of their satisfactory progressive scholarship and professional growth.
  - h. To maintain records of (1) all residents appointed to the transitional year program; (2) the transitional year objectives, curriculum content offered by the program, and the curriculum undertaken by each resident; (3) the performance evaluations; (4) the residents' subsequent training or other professional activities until they enter a categorical program or determine a career path. Tracking of residents must be done for at least 1 year and need not exceed 5 consecutive years.
  - i. To implement fair procedures, as established by the sponsoring institution, regarding academic discipline and resident complaints or grievances.
  - j. To monitor resident stress, including mental or emotional conditions inhibiting performance or learning and drug- or alcohol-related dysfunction. Program directors and teaching staff should be sensitive to the need for timely provision of confidential counseling and psychological support services to residents. Training situations that consistently produce undesirable stress on residents must be evaluated and modified.
  - k. To prepare statistical, narrative, and progress reports, as requested by the Transitional Year Review Committee.
  - l. To prepare for and participate in Transitional Year Review Committee surveys and to participate in Residency Review Committee surveys of the sponsoring programs.
  - m. To inform the Transitional Year Review Committee of the appointment of a new program director when such changes occur.
2. The responsibilities of the committee must include the following:
  - a. To recommend to the governing body of the sponsoring institution policies that establish the educational content of the transitional year and the allocation of resources for the effective conduct of the program.
  - b. To ensure that the quality of medical care provided by transitional year residents is equivalent to that expected of first-year residents in other ACGME-accredited programs within the institution.
  - c. To monitor the impact of the transitional year program on the categorical residents' programs to ensure that there is no compromise of the educational resources. This includes monitoring the adequacy of the number of patients, variety of illnesses, educational materials, teaching/attending physicians, and financial support.
  - d. To review at least twice a year the transitional year residents' performance evaluations and their assessment of the components of the transitional year; to include the faculty.
  - e. To ensure within acceptable standards of medical care that the educational opportunities provided transitional year residents are equivalent to those provided first-year residents in the categorical programs in which the transitional year residents participate.
  - f. To ensure that the quality of education provided by the nonaccredited components of the program is reasonably comparable to that provided to the first-year residents in accredited programs.
  - g. To approve the curriculum of each transitional year resident, which has been planned with the transitional year program director in accordance with the individual needs of the residents and the Program Requirements of the Transitional Year.
  - h. To ensure that the transitional year program undergoes a periodic internal review in accordance with the general institutional requirements.
  - i. To maintain records documenting the committee's activities for each of the above requirements and to have copies of these records available for transmission to the Transitional Year Review Committee.

### III. Faculty

#### Qualifications/Responsibilities

1. The faculty of the transitional year program must be the same persons or have qualifications equivalent to those of the faculty of the participating categorical programs.
2. There must be a sufficient number of teaching staff with documented qualifications to instruct and supervise adequately all the residents in the program. Members of the teaching staff must be able to devote sufficient time to meet their supervisory and teaching responsibilities.
3. All members of the teaching staff must demonstrate a strong interest in the education of residents, sound clinical and teaching abilities, support of the goals and objectives of the program, a commitment to their own continuing medical education, and participation in scholarly activities.
4. A member of the teaching staff of each participating institution must be designated to assume responsibility for the day-to-day activities of the rotation at that institution, with overall coordination by the program director.
5. There must be active participation of the teaching staff in clinical discussions, rounds, and conferences in a manner that promotes a spirit of inquiry and scholarship. Scholarship implies an in-depth understanding of basic mechanisms of normal and abnormal states and the application of current knowledge to practice.

#### C. Institutional Coordination Committee

1. An institutional coordination committee must be appointed and have major responsibility for conducting and monitoring the activities of the transitional year program. It should be convened by the parent institution at least four times a year. This committee should be composed of but not limited to the transitional year program director, the program directors (or designees) of disciplines regularly included in the curriculum, and the chief executive officer(s) (or designee[s] in hospital administration) of the parent institution.

- The faculty providing educational experiences in the disciplines not accredited by ACGME must have credentials within their respective specialties similar in professional status to the other transitional year faculty.
- The teaching and supervision of transitional year residents must be the same as that provided residents in categorical programs.

#### IV. Curriculum

##### A. Duration and Content

- The duration of the transitional year program must be 1 year (12 calendar months).
- At least 6 months of each resident's curriculum must be provided by disciplines offering fundamental clinical skills as defined above.
- Other rotations should be a minimum of 1 month or 4 weeks in duration to ensure a reasonable continuity of education and patient care.
- The curriculum should include emphasis not only on clinical problems but also on discussion of moral, ethical, legal, social, and economic issues.

##### B. Skill Development

- During the rotations in disciplines offering fundamental clinical skills, the transitional year residents should develop the skills necessary to obtain a medical history; perform a complete physical examination; define a patient's problems; develop a rational plan for diagnosis; and implement therapy based on the etiology, pathogenesis, and clinical manifestations of various diseases.
- Educational experiences must ensure development not only of cognitive and procedural/technical skills, but also of humane qualities that enhance interactions between the physician, the patients, and the patients' families.

##### C. Electives

The transitional year residents should have no fewer than 2 months of electives. Elective rotations should be determined by the needs of the individual resident and/or the requirements of the future residency program chosen.

##### D. Emergency Medicine

- The transitional year residents must have a 1-month rotation in emergency medicine under the supervision of qualified teaching staff within the sponsoring or an affiliated institution.
- The transitional year residents should have experience in the diagnosis and management of all types of patients treated in an institution's emergency department.

##### E. Ambulatory Care

- The transitional year residents should have at least 1 month of experience in ambulatory care other than that acquired in the emergency department. This experience may consist of a 1-month block of time or be divided into lesser periods of time on different services to approximate 1 month.
- Outpatient experience must be obtained within the ambulatory programs of the sponsoring or affiliated institutions.

##### F. Conferences/Rounds

All disciplines participating in the transitional year program must involve the transitional year residents in their departmental programs, such as seminars, conferences, and grand rounds.

##### G. Service vs Educational Objectives

The transitional year program must be designed to meet the educational needs of the residents. Service obligations of the sponsoring institution must be secondary to the transitional year educational objectives.

##### H. Number of Residents

- Program applications will be reviewed for assurance that there is an appropriate balance between the number of transitional year residents in training and the educational resources available to them.
- Any proposed change in the number of transitional year residents must receive prior approval by the Transitional Year Review Committee. Programs that fail consistently to fill the designated number of approved positions may be asked to reduce the number offered.

##### I. Support Facilities/Departments

- Pathology, radiology, and nuclear medicine facilities must exist in the parent and affiliated institutions. These entities must be directed by qualified physicians who are committed to medical education and to providing competent instruction to the transitional year residents when patients require these diagnostic and/or therapeutic modalities.
- During working and on-call hours, the transitional year residents must be provided with adequate sleeping, lounge, and food facilities. There should be adequate backup so that patient care is not jeopardized during or following assigned periods of duty. Support services must be such that the transitional year residents do not spend an inordinate amount of time in noneducational activities that can be discharged properly by other personnel. Ancillary support services, facilities, and personnel must contribute to the transitional year program in accordance with the institutional requirements of the *Essentials of Accredited Residencies*.
- Transitional year residents must be provided with rapid, reliable systems for communicating with supervising residents and attendings.
- Residents must have ready access to a major medical library, either at the institution where the residents are located or through arrangement with convenient nearby institutions. Library services should include the electronic retrieval of information from medical databases. There must be access to an on-site library or to a collection of appropriate texts and journals in each institution participating in a residency program. On-site libraries and/or collections of texts and journals must be readily available during nights and weekends.

#### V. Resident Supervision and Working Environment

##### A. Supervision

- The transitional year program director and the faculty of the disciplines participating in the transitional year must ensure, direct, and document proper supervision of the residents in the program at all times.
- At least 6 months of each transitional year resident's rotations must be on clinical services where he or she works directly with more-senior residents in ACGME-accredited programs. On services where senior residents are not present, there must be effective supervision by faculty and evaluation systems in place.
- Attending physicians or senior residents with experience appropriate for the severity and complexity of a patient's condition must be available at all times on site.
- The responsibility or independence given to the transitional year residents by the supervising physician for the care of patients should depend on the residents' knowledge, manual skill, experience, and the complexity of the patients' illnesses and the risk of any procedures that residents perform.

##### B. Hours

- Graduate training requires a commitment to continuity of patient care. This continuity of care takes precedence without regard to



the time of day, day of the week, number of hours already worked, or on-call schedules.

2. The transitional year program director and the faculty of the disciplines participating in the transitional year must establish an environment that is optimal both for resident education and for patient care, while ensuring that undue stress and fatigue among residents are avoided. It is the responsibility of the transitional year program director and faculty to ensure that in-hospital duty hours shall correspond to the program requirements of the categorical programs to which the transitional year resident is assigned so that residents are not required to perform excessively difficult or prolonged duties regularly.
3. A distinction must be made between on-call time in the hospital and on-call availability at home vis-a-vis actual hours worked. The ratio of hours worked to on-call time may vary with each rotation, and therefore precludes a mandated pattern of established hours.

## **VI. Assessment**

### **Performance Evaluations**

1. The transitional year program director must receive a performance evaluation of each transitional year resident by the participating discipline on each resident's completion of a rotation in that discipline. These evaluations must include an assessment of the resident's knowledge, skills, and professional growth using appropriate criteria and procedures.
2. At least twice a year, the transitional year residents must be appraised individually by the program director of their evaluations. These evaluations must be communicated to the resident in a timely manner.
3. The program director must provide a written final evaluation for each resident who completes the program. The evaluation must include a review of the resident's performance during the final period of training and should verify that the resident has demonstrated sufficient professional ability to advance into a categorical program.
4. The transitional year residents must provide written evaluations of the adequacy, quality, and appropriateness of each component of their educational program, including an evaluation of the faculty members.
5. The program director must maintain a permanent record of evaluations, as noted in this section, for each resident and have it accessible to the resident and other authorized personnel. These records must be made available for inspection during the process of accreditation of the program.

## **VII. Completion of Training**

### **A. Institutional Certificates**

Institutional certificates to be awarded at the conclusion of training in the transitional year program must clearly indicate that the experience was that of a Transitional Year.

### **B. Continuation of Residency Training**

If more than 20% of the transitional year residents, when averaged over 5 years, enter clinical practice without further training, such will be considered as evidence that a program is ineffective in achieving its essential objectives and may be cause for an adverse accreditation action.

*ACGME: June 1991 Effective: July 1995*

# Section III

## Accredited Graduate Medical Education Programs

This section of the *Directory* contains a list of graduate medical education (GME) programs accredited by the Accreditation Council for Graduate Medical Education (ACGME).

Programs are listed by specialty under the state and city of the sponsoring institution. Listed under the program title is the sponsoring institution at which the resident receives a significant portion of the GME, followed by the primary clinical site (when the location of the primary teaching institution differs from that of the sponsoring institution) and participating institutions (institutions that provide a major portion of required education). Hospitals and other institutions that provide rotations of less than one-sixth of the program length or less than a total of 6 months are not listed.

Listings contain the name, address, and telephone number of program directors. Additional information on each program includes the number of years of GME, the total number of positions for 1995-1996 as reported by the program director, and the program identification number. In most cases, programs that show zero graduate year one (GY-1) positions do not accept applicants without prior GME.

The published program length reflects the length approved by the Residency Review Committee. The program may require additional years.

Most programs start in June or July, but several begin in January or at other times. Candidates should contact program directors or refer to the AMA-FREIDA (Fellowship and Residency Electronic Interactive Database Access system) to ascertain the availability of different or multiple start dates.

Candidates interested in a particular program may obtain additional program and institution information by writing to the program director or by referring to the AMA-FREIDA, available from the American Medical Association Order Department, PO Box 109050, Chicago, IL 60610, 800 621-8335.

Programs that did not respond to the 1994 AMA Annual Survey of Graduate Medical Education Programs are identified by an asterisk at the end of the program name. Such programs may show zero positions or have outdated information. Programs interested in providing updated information should contact the AMA at 312 464-4693.

Graduates of schools not accredited by the Liaison Committee on Medical Education should carefully read Section I before applying to a program.

### Transitional Year Programs

Transitional year programs are available for physicians seeking broad clinical experience before entering GME in their chosen field or for physicians who have not yet decided on a medical specialty.

### Combined Specialty Programs

Specialty board-approved "combined specialty programs" are included in Appendix A. The Residency Review Committees do not review or accredit combined programs.

### US Armed Forces Graduate Medical Education Programs

GME programs sponsored by the US Armed Forces may have specific entrance requirements (see Section I, Graduate Medical Education Information).

## Adult Reconstructive Orthopaedics (Orthopaedic Surgery)

### California

#### Stanford

##### Stanford University Program

Stanford University Hospital

*Program Director:*

David J Schurman, MD  
Stanford University Hospital  
Div of Orthopaedic Surgery  
300 Pasteur Dr  
Stanford, CA 94305-2019  
415 723-7806

*Length:* 1 Year(s)

*Program ID:* 261-05-21-016

### Florida

#### Gainesville

##### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

William Petty, MD  
PO Box 100246 JHMHC  
Gainesville, FL 32610-0246  
904 392-4261

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 261-11-21-004

### Michigan

#### Detroit

##### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Hutzel Hospital

*Program Director:*

Robert H Fitzgerald, MD  
Hutzel Hospital 1 South  
4707 St Antoine  
Detroit, MI 48201  
313 745-6953

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 261-25-21-013

### Minnesota

#### Rochester

##### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital

*Program Director:*

Miguel E Cabanela, MD  
Mayo Clinic  
Div of Adult Reconstruction  
200 First St SW  
Rochester, MN 55905  
507 284-3316

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 261-26-21-015

### New York

#### New York

##### Columbia University Program

Presbyterian Hospital in the City of New York

*Program Director:*

Louis U Bigliani, MD  
New York Orthopaedic Hospital  
The Shoulder Serv  
161 Fort Washington Ave Rm 245  
New York, NY 10032  
212 305-5564

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 261-35-21-010

##### Hospital for Special Surgery/Cornell Medical Center Program

Hospital for Special Surgery

*Program Director:*

Eduardo A Salvati, MD  
Paul M. Pellicci MD  
Dept of Orthopaedics  
Hospital for Special Surgery  
535 E 70th St  
New York, NY 10021  
212 606-1472

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 261-35-21-003

### Ohio

#### Toledo

##### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
St Vincent Medical Center

*Program Director:*

W Thomas Jackson, MD  
Medical College of Ohio Hospital  
Dept of Orthopaedic Surgery  
3000 Arlington  
Toledo, OH 43609  
419 381-3590

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 261-38-21-014

### Pennsylvania

#### Philadelphia

##### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
Pennsylvania Hospital

*Program Director:*

Richard H Rothman, MD PhD  
Thomas Jefferson University Hospital  
838 Walnut St  
Philadelphia, PA 19107  
215 955-6212

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 261-41-31-008

##### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Delaware County Memorial Hospital

*Program Director:*

Paul A Lotke, MD  
University of Pennsylvania School of Medicine  
3400 Spruce St  
Philadelphia, PA 19104  
215 349-8729

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 261-41-21-001

### Pittsburgh

##### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Harry E Rubash, MD  
Lawrence S. Crosssett MD  
University of Pittsburgh Medical Center  
3471 Fifth Ave Ste 1010  
Pittsburgh, PA 15213  
412 687-3900

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 261-41-21-002

### Texas

#### San Antonio

##### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San  
Antonio)

University Hospital-South Texas Medical Center

*Program Director:*

James D Heckman, MD  
University of Texas Health Science Center  
Dept of Orthopaedics  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7774  
210 567-5158

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 261-48-21-007

\* Updated information not provided.

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Gwo-Jaw Wang, MD

University of Virginia Health Sciences Center

Dept of Orthopaedics

PO Box 159

Charlottesville, VA 22908

804 924-2300

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 261-51-21-009****Allergy and Immunology****Alabama****Birmingham****University of Alabama Medical Center Program**

University of Alabama Hospital

*Program Director:*

Max D Cooper, MD

Allergy and Immunology Division

Wallace Tumor Institute # 2

Birmingham, AL 35294-3300

205 934-7440

*Length:* 2 Year(s) *Total Positions:* 6**Program ID: 020-01-21-109****California****La Jolla****Scripps Clinic and Research Foundation Program**

Scripps Clinic and Research Foundation

*Program Director:*

Ronald A Simon, MD

Bruce L Zuraw, MD

Dept of Grad Med Education 403C

Scripps Clinic and Research

10666 N Torrey Pines Rd

La Jolla, CA 92037-1093

619 554-8618

*Length:* 2 Year(s) *Total Positions:* 2**Program ID: 020-05-31-002****Los Angeles****Childrens Hospital of Los Angeles Program**

Childrens Hospital of Los Angeles

Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Joseph A Church, MD

Childrens Hosp of Los Angeles

Div of Allergy &amp; Clin Immun Box 75

4650 Sunset Blvd

Los Angeles, CA 90027

213 669-2501

*Length:* 2 Year(s)**Program ID: 020-05-21-049****UCLA Medical Center Program**

UCLA School of Medicine

UCLA Medical Center

*Program Director:*

E Richard Stiehm, MD

Andrew Saxon, MD

UCLA Med Ctr Dept of Pediatrics

Div of Allergy/Immunology

10833 Le Conte Ave 22-387 MDCC

Los Angeles, CA 90024-1752

310 825-6481

*Length:* 2 Year(s) *Total Positions:* 4**Program ID: 020-05-11-038****University of Southern California Program\***

Los Angeles County-USC Medical Center

*Program Director:*

Craig Jones, MD

Los Angeles County-USC Medical Center

1129 N State St

Los Angeles, CA 90033

213 226-3813

*Length:* 2 Year(s)**Program ID: 020-05-21-065****Veterans Affairs Medical Center (West Los Angeles) Program**

Veterans Affairs Medical Center (West Los Angeles)

Childrens Hospital of Los Angeles

*Program Director:*

William B Klaustermeyer, MD

West Los Angeles Veterans Admin Med Ctr

Allergy/Immunology Section W111R

Los Angeles, CA 90073

310 824-3210

*Length:* 2 Year(s) *Total Positions:* 3**Program ID: 020-05-21-096****Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center

Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Sudhir Gupta, MD

Dept of Medicine

C240 Medical Sciences I

Univ of California

Irvine, CA 92717-4069

714 824-5818

*Length:* 2 Year(s) *Total Positions:* 2**Program ID: 020-05-21-064****Pasadena****Southern California Kaiser Permanente Medical Care (Los Angeles) Program**

Southern California Kaiser Permanente Medical Group

Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Michael Kaplan, MD

Kaiser Foundation Hosp

1515 Vermont 5th Fl

Los Angeles, CA 90027

213 667-4647

*Length:* 2 Year(s) *Total Positions:* 2**Program ID: 020-05-12-003****Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

M Eric Gershwin, MD

Section of Rheumatology-Allergy TB 192

Univ of California (Davis)

School of Medicine

Davis, CA 95616

916 752-2884

*Length:* 2 Year(s) *Total Positions:* 2**Program ID: 020-05-21-048**

\* Updated information not provided.

## San Diego

### University of California (San Diego) Program

University of California (San Diego) Medical Center

*Program Director:*

Stephen I Wasserman, MD  
Univ of Calif at San Diego Medical Center  
Div of Allergy And Immunology  
200 W Arbor Dr  
San Diego, CA 92103-8417  
619 543-6611

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 020-05-21-066

## San Francisco

### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Daniel C Adelman, MD  
Richard Shames, MD  
Univ of California San Francisco  
Box 0954  
432A Irving St  
San Francisco, CA 94143-0954  
415 476-8338

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 020-05-21-059

## Stanford

### Stanford University Program

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford

*Program Director:*

Richard Moss, MD  
Pediatrics Dept  
All-Imm and Resp Med Div  
300 Pasteur Dr  
Stanford, CA 94305-5119  
415 723-5227

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 020-05-21-006

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Gildon N Beall, MD  
Harbor-UCLA Medical Center  
1000 W Carson St Box 459  
Torrance, CA 90509-2910  
310 222-2365

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 020-05-21-102

## Colorado

### Aurora

#### Fitzsimons Army Medical Center Program

Fitzsimons Army Medical Center

*Program Director:*

Philip D Dyer, MD  
Maj Thurman R Vaughan, MD  
Fitzsimons Army Medical Center  
Allergy and Immunology Service  
Aurora, CO 80045-5001  
303 361-8913

*Length:* 2 Year(s)  
*Program ID:* 020-07-21-067

### Denver

#### University of Colorado Program A

University of Colorado Health Sciences Center  
National Jewish Ctr for Immunology and Respiratory Medicine

*Program Director:*

Stanley J Szeffler, MD  
Nat'l Jewish Ctr for Immunology and Respiratory Med  
Dept of Pediatrics  
1400 Jackson St  
Denver, CO 80206-2762  
303 398-1379

*Length:* 2 Year(s) *Total Positions:* 14  
*Program ID:* 020-07-31-010

#### University of Colorado Program B\*

University of Colorado Health Sciences Center  
National Jewish Ctr for Immunology and Respiratory Medicine

*Program Director:*

Lanny J Rosenwasser, MD  
Henry N Claman, MD  
Nat'l Jewish Ctr for Immunology and Respiratory Med  
1400 Jackson St  
Denver, CO 80206  
303 398-1656

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 020-07-31-086

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital

*Program Director:*

Philip W Askenase, MD  
Fred S Kantor, MD  
Yale University School of Medicine  
Sect for Allergy/Clinical Immuno  
333 Cedar St LCI 904  
New Haven, CT 06520-8013  
203 785-4142

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 020-08-21-099

## District of Columbia

### Washington

#### Children's National Medical Center Program

Children's National Medical Center

*Program Director:*

R Michael Sly, MD  
Children's National Medical Center  
111 Michigan Ave NW  
Washington, DC 20010-2970  
202 884-2071

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 020-10-11-039

#### Howard University Program\*

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

Elena R Reece, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-6741

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 020-10-21-068

#### Walter Reed Army Medical Center Program\*

Walter Reed Army Medical Center

*Program Director:*

Col Gary B Carpenter, MD  
Laurie J Smith, MD  
Allergy/Immunology Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1854

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 020-10-11-087

## Florida

### Tampa

#### University of South Florida (All Children's) Program

University of South Florida College of Medicine  
All Children's Hospital  
Veterans Affairs Medical Center (Bay Pines)

*Program Director:*

Robert A Good, MD PhD  
All Children's Hosp Clinical Immunology & Allergy  
801 Sixth St S  
St Petersburg, FL 33701-4899  
813 892-4470

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 020-11-21-106

#### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital

*Program Director:*

Richard F Lockey, MD  
James A Haley Veterans Hospital  
13000 Bruce B Downs Blvd (VAR 111D)  
Tampa, FL 33612  
813 972-7631

*Length:* 2 Year(s) *Total Positions:* 3  
*Subspecialties:* All  
*Program ID:* 020-11-21-093

\* Updated information not provided.

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

Timothy J Sullivan, MD  
Keith M Phillips, MD  
The Emory Clinic  
Dept of Medicine  
1365 Clifton Rd NE  
Atlanta, GA 30322  
404 248-4867

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 020-12-21-101

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics

*Program Director:*

Betty B Wray, MD  
Chester T Stafford, MD  
Dept of Pediatrics and Medicine  
Med Coll of Georgia CJ 141  
Augusta, GA 30912-3790  
706 721-3531

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 020-12-21-013

**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Children's Memorial Medical Center  
Northwestern Memorial Hospital

*Program Director:*

Paul A Greenberger, MD  
Richard Evans III, MD  
Northwestern Univ Med Schl  
Div of Allergy/Immunology  
303 E Chicago Ave S207  
Chicago, IL 60611-3008  
312 908-8171

*Length:* 2 Year(s) *Total Positions:* 8

*Subspecialties:* ALI

**Program ID:** 020-16-31-016

**Rush Medical College/Max Samter Institute Program\***

Rush Medical College  
Grant Hospital of Chicago  
Max Samter Institute of Allergy and Clinical Immunology

*Program Director:*

Anita Gewurz, MD  
Rush Medical Center  
Suite 207 Professional Bldg  
1725 W Harrison  
Chicago, IL 60612-3824  
312 942-6296

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 020-16-21-108

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program A\***

University of Iowa Hospitals and Clinics

*Program Director:*

Miles M Weinberger, MD  
University of Iowa Hospitals and Clinics  
Dept of Pediatrics  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-3485

*Length:* 2 Year(s) *Total Positions:* 3

*Subspecialties:* ALI

**Program ID:** 020-18-21-080

**University of Iowa Hospitals and Clinics Program B\***

University of Iowa Hospitals and Clinics

*Program Director:*

Thomas B Casale, MD  
University of Iowa Hospitals and Clinics  
Dept of Internal Medicine  
Iowa City, IA 52242-1009  
319 356-3692

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 020-18-21-081

**Kansas****Kansas City****University of Kansas Medical Center/Children's Mercy Hospital Program**

University of Kansas School of Medicine  
Children's Mercy Hospital  
University of Kansas Medical Center

*Program Director:*

Daniel J Stechschulte, MD  
University of Kansas Medical Center  
Div of Allergy/Immunology  
3901 Rainbow Blvd  
Kansas City, KS 66160-7317  
913 588-6008

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 020-19-21-030

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Bann C Kang, MD  
University of Kentucky Dept of Internal Medicine  
Kentucky Clinic K-528  
Lexington, KY 40536-0284  
606 323-5199

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 020-20-21-110

**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Prem Kumar, MD  
Ricardo Sorensen, MD  
Section of Allergy/Immunology Dept of Medicine  
LSU Medical Center  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4680

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 020-21-21-070

**Tulane University Program**

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane Division

Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

Manuel Lopez, MD  
Tulane University Medical Ctr Sect of Allergy/Immunology  
1700 Perdido St  
New Orleans, LA 70112  
504 588-5578

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 020-21-31-017

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport  
Tulane University Hospital and Clinics

*Program Director:*

Bettina C Hilman, MD  
LA State Univ Medical Center Hosp  
Med Ed Dept (Allergy & Immunology)  
PO Box 33932  
Shreveport, LA 71130-3932  
318 675-6094

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 020-21-21-060

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*

N Franklin Adkinson Jr, MD  
Peyton A Eggleston, MD  
Johns Hopkins Asthma and Allergy Center  
5501 Hopkins Bayview Circle  
Baltimore, MD 21224-6801  
410 550-2337

*Length:* 2 Year(s) *Total Positions:* 14

**Program ID:** 020-23-21-094

\* Updated information not provided.

## Bethesda

### National Institutes of Health Clinical Center Program\*

NIH Warren Grant Magnuson Clinical Center

*Program Director:*  
Dean D Metcalfe, MD  
LCL/NIAID/NIH  
Rm 11 C 205 Bldg 10  
9000 Rockville Pike  
Bethesda, MD 20892  
301 496-2165

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 020-23-21-090

## Massachusetts

### Boston

#### Brigham and Women's Hospital Program

Brigham and Women's Hospital

*Program Director:*  
Lawrence DuBuske, MD  
K Frank Austen, MD  
Brigham and Women's Hosp  
Seeley G Mudd Bldg Rm 604  
250 Longwood Ave  
Boston, MA 02115  
617 432-1995

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 020-24-21-031

#### Children's Hospital Program

Children's Hospital

*Program Director:*  
Raif S Geha, MD  
Lynda C Schneider, MD  
Children's Hospital  
300 Longwood Ave  
Boston, MA 02115-5747  
617 735-7603

*Length:* 2 Year(s) *Total Positions:* 20  
**Program ID:** 020-24-21-061

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*  
Kurt J Bloch, MD  
Massachusetts Gen Hosp  
Fruit St  
Boston, MA 02114-2696  
617 726-3764

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 020-24-21-051

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*  
James R Baker Jr, MD  
William R Solomon, MD  
Univ of Michigan Hospitals  
Div of Allergy & Immunology  
3918 Taubman Ctr  
Ann Arbor, MI 48109-0380  
313 936-5634

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-25-21-045

## Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*  
John A Anderson, MD  
Henry Ford Hospital Dept of Allergy  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2662

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 020-25-11-032

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*  
Michael Simon, MD  
VA Medical Center  
Allen Park, MI 48101  
313 562-6000

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 020-25-21-071

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*  
Malcolm N Blumenthal, MD  
Univ of Minnesota Box 434 UMHC  
C378 Mayo Building  
420 Delaware Street SE  
Minneapolis, MN 55455  
612 624-5456

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 020-26-21-091

### Rochester

#### Mayo Graduate School of Medicine Program A

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital

*Program Director:*  
James T Li, MD  
Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3126

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 020-26-11-018

#### Mayo Graduate School of Medicine Program B

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
St Mary's Hospital of Rochester

*Program Director:*  
Martin I Sachs, PhD DO  
MGSM Application Processing Center  
Siebens 5th Floor  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3454

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 020-26-21-057

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital

*Program Director:*  
Raymond G Slavin, MD  
Alan P Knutsen, MD  
St Louis University School of Medicine  
1402 S Grand R209  
St Louis, MO 63104-1028  
314 577-8456

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-28-21-019

#### Washington University Program

Washington University School of Medicine  
Barnes Hospital  
St Louis Children's Hospital

*Program Director:*  
H James Wedner, MD  
Thomas Smith, MD  
Washington Univ Schl of Med  
660 S Euclid Box 8122  
St Louis, MO 63110  
314 286-1549

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-28-21-095

## Nebraska

### Omaha

#### Creighton University Program

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center  
Ehrling Bergquist Hospital

*Program Director:*  
Robert G Townley, MD  
Creighton University School of Medicine  
2500 California Plaza  
Omaha, NE 68178  
402 280-2940

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 020-30-21-088

## New Jersey

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Children's Hospital of New Jersey  
Dept of Veterans Affairs Medical Center (East Orange)  
UMDNJ-University Hospital

*Program Director:*  
Leonard Bielory, MD  
James Oleske, MD  
UMDNJ-New Jersey Medical School  
Allergy and Immunology DOC 4700  
90 Bergen St  
Newark, NJ 07103-2499  
201 982-2762

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-33-11-040

\* Updated information not provided.

## New York

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

Arye Rubinstein, MD  
Albert Einstein College of Medicine  
1300 Morris Park Ave  
Forch Bldg Rm 401  
Bronx, NY 10461  
718 430-2319

*Length:* 2 Year(s) *Total Positions:* 11  
**Program ID:** 020-35-21-054

### Brooklyn

#### Long Island College Hospital Program

Long Island College Hospital

*Program Director:*

Lawrence T Chiaramonte, MD  
Long Island College Hospital  
340 Henry St  
Brooklyn, NY 11201  
718 780-4674

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-35-11-041

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn

*Program Director:*

Alan S Josephson, MD  
SUNY Health Science Center at Brooklyn  
Dept of Medicine  
450 Clarkson Ave Box 50  
Brooklyn, NY 11203-2098  
718 270-2156

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 020-35-21-092

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Children's Hospital of Buffalo

*Program Director:*

Mark Ballow, MD  
Stanley Schwartz, MD  
The Children's Hosp of Buffalo  
219 Bryant St  
Buffalo, NY 14222-2099  
716 878-7105

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-35-21-053

### East Meadow

#### Nassau County Medical Center Program

Nassau County Medical Center  
North Shore University Hospital

*Program Director:*

Marianne Frieri, MD PhD  
Nassau County Medical Center  
Dept of Clinical Immunopathology  
2201 Hempstead TrnPk  
East Meadow, NY 11564-5400  
516 572-3214

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 020-35-11-020

### New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

Vincent R Bonagura, MD  
Schneider Children's Hospital (Long Island Jewish Med Ctr)  
269-01 76th Ave Rm 235  
New Hyde Park, NY 11040  
718 470-3309

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-35-21-105

### New York

#### Mount Sinai School of Medicine Program\*

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Lloyd F Mayer, MD  
Joseph M Hassett, MD  
Mount Sinai Medical Center  
Annenberg 23-16 Box 1089  
One Gustave L Levy Pl  
New York, NY 10029-6574  
212 241-7351

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 020-35-21-083

#### New York Hospital/Cornell Medical Center Program A\*

New York Hospital

*Program Director:*

David J Valacer, MD  
Irwin Rappaport, MD  
New York Hospital Dept of Pediatrics  
525 E 68th St Rm N055  
New York, NY 10021-4885  
212 472-6690

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 020-35-21-046

#### New York Hospital/Cornell Medical Center Program B\*

New York Hospital

*Program Director:*

Gregory Siskind, MD  
Cornell University Medical College  
Allergy-Immunology Box 41  
525 E 68th St  
New York, NY 10021  
212 746-4464

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 020-35-21-044

#### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

William J Davis, MD  
Columbia University College of Physicians and Surgeons  
630 W 168th St  
New York, NY 10032  
212 305-2300

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 020-35-21-082

#### St Luke's-Roosevelt Hospital Center Program

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division

*Program Director:*

Michael H Grieco, MD  
St Luke's-Roosevelt Hospital Center  
1000 Tenth Ave  
New York, NY 10019-1196  
212 523-6568

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 020-35-11-042

### Rochester

#### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Stephen I Rosenfeld, MD  
Clinical Immunology/Rheumatology Unit  
University of Rochester  
601 Elmwood Ave Box 695  
Rochester, NY 14642-8976  
716 275-2891

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 020-35-11-043

### Stony Brook

#### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Mandakolathur R Murali, MD  
Div of Allergy/Rheumatology Clinical Immunology  
SUNY Health Sciences Center  
T16 Rm 040  
Stony Brook, NY 11794-8161  
516 444-2272

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 020-35-21-089

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

Rebecca H Buckley, MD  
Charles E Buckley III, MD  
Duke University Medical Center  
Div Ped Allergy/Immunology  
Box 2898  
Durham, NC 27710  
919 684-2922

*Length:* 2 Year(s) *Total Positions:* 8  
*Subspecialties:* ALI

**Program ID:** 020-36-21-022

\* Updated information not provided.



## Greenville

### East Carolina University Program

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*  
W James Metzger, MD

East Carolina University School of Medicine  
Dept of Medicine Brody 3E-129  
Greenville, NC 27858-4354  
919 816-3144

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 020-36-21-107

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*  
John W Georgitis, MD

Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157  
910 716-4431

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 020-36-11-047

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group (Veterans) Program

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

David I Bernstein, MD  
Jonathan A Bernstein, MD  
University of Cincinnati Medical Center  
Mail Location 0563  
231 Bethesda Ave  
Cincinnati, OH 45267-0563  
513 558-4701

*Length:* 2 Year(s) *Total Positions:* 1  
*Program ID:* 020-38-21-072

#### University of Cincinnati Hospital Group Program

Children's Hospital Medical Center  
University of Cincinnati Hospital

*Program Director:*

Michelle B Lierl, MD  
Children's Hospital Medical Center  
3333 Burnet Ave  
Cincinnati, OH 45229-3039  
513 559-4326

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 020-38-21-033

## Cleveland

### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Alton L Melton Jr, MD  
Cleveland Clinic Foundation  
Dept of Allergy  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 020-38-21-104

## Pennsylvania

### Philadelphia

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Stephen J McGeary, MD  
Jefferson Medical College  
Jefferson Alumni Hall  
1020 Locust St Ste 543  
Philadelphia, PA 19107  
215 955-8912

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 020-41-11-034

#### University of Pennsylvania (Children's Hospital) Program\*

Children's Hospital of Philadelphia  
Hospital of the University of Pennsylvania

*Program Director:*

Nicholas Pawlowski, MD  
Children's Hospital of Philadelphia  
34th & Civic Blvd  
Philadelphia, PA 19104  
215 596-9661

*Length:* 2 Year(s)  
*Program ID:* 020-41-21-074

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Burton Zweiman, MD  
University of Pennsylvania School of Medicine  
512 Johnson Pavilion  
Philadelphia, PA 19104-6057  
215 898-6525

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 020-41-21-075

## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh

*Program Director:*

Philip Fireman, MD  
Children's Hospital of Pittsburgh  
3705 Fifth Ave at DeSoto St  
Pittsburgh, PA 15213-2583  
412 692-6850

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 020-41-21-076

## Rhode Island

### Providence

#### Rhode Island Hospital Program

Rhode Island Hospital

*Program Director:*

Donald E Klein, MD  
Guy A Settignano, MD  
Div of Allergy  
Rhode Island Hospital  
593 Eddy St  
Providence, RI 02903  
401 444-5641

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 020-43-21-024

## Tennessee

### Memphis

#### University of Tennessee Program\*

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
LeBonheur Children's Medical Center  
St Jude Children's Research Hospital  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Tai June Yoo, MD PhD  
Univ of Tennessee Coll of Med  
Div of Allergy and Immunology  
956 Court Ave Rm H300  
Memphis, TN 38163  
901 528-6663

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 020-47-21-025

## Nashville

### Vanderbilt University Program

Vanderbilt University Medical Center

*Program Director:*

William E Serafin, MD  
1500 21st Ave S  
Ste 3500  
Nashville, TN 37212  
615 322-7424

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 020-47-21-097

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Donald A Kennerly, MD PhD  
Univ of Texas Southwestern Medical Center  
5323 Harry Hines Blvd  
Dallas, TX 75235-8859  
214 688-3004

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 020-48-21-085

## Galveston

### University of Texas Medical Branch Hospitals Program A

University of Texas Medical Branch Hospitals

*Program Director:*

J Andrew Grant, MD  
University of Texas Medical Branch Hospitals  
Clinical Science Bldg Rm 409  
Route 0762  
Galveston, TX 77555-0762  
409 772-3411

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 020-48-11-026

\* Updated information not provided.

**University of Texas Medical Branch  
Hospitals Program B**

University of Texas Medical Branch Hospitals

*Program Director:*

Armond S Goldman, MD  
Univ of Texas Medical Branch Pediatric  
Immunology/Allergy  
Room C2-37A Children's Hospital  
301 University Blvd  
Galveston, TX 77555-0369  
409 772-2658

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 020-48-11-027**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Methodist Hospital  
Texas Children's Hospital

*Program Director:*

William T Shearer, MD PhD  
David P Huston, MD  
Baylor College of Medicine  
Dept of Pediatrics  
One Baylor Plaza  
Houston, TX 77030  
713 770-1319

*Length:* 2 Year(s) *Total Positions:* 8**Program ID:** 020-48-21-063**Lackland AFB****Wilford Hall USAF Medical Center  
Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Theodore M Freeman, MD  
WHMC/ET  
2200 Bergquist Dr Ste 1  
Lackland AFB  
San Antonio, TX 78236-5300  
210 670-5717

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 020-48-21-077**San Antonio****University of Texas Health Science  
Center at San Antonio Program**

University of Texas Medical School at San Antonio  
University Health Center-Downtown  
University Hospital-South Texas Medical Center

*Program Director:*

Joseph D Diaz, MD  
University of Texas Health Science Center  
Internal Medicine-Allergy & Immunology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7805  
210 567-1966

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 020-48-31-035**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Thomas A E Platts-Mills, MD  
George W Ward Jr, MD  
University of Virginia  
Dept of Medicine-Allergy/Immunology  
Box 225  
Charlottesville, VA 22908  
804 924-2227

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 020-51-21-100**Richmond****Medical College of Virginia/Virginia  
Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth  
University

Medical College of Virginia Hospitals

*Program Director:*

Lawrence B Schwartz, MD PhD  
MCV/Virginia Commonwealth Univ  
PO Box 980263  
Richmond, VA 23298-0263  
804 828-9685

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 020-51-21-056**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Virginia Mason Medical Center

*Program Director:*

William R Henderson Jr, MD  
Univ of Washington Med Ctr  
1959 NE Pacific  
Dept of Med Mail Code RM-13  
Seattle, WA 98195  
206 543-3780

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 020-54-21-078**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Robert F Lemanske Jr, MD  
University of Wisconsin Hospitals and Clinics  
600 Highland Ave H6/367  
Madison, WI 53792-3244  
608 263-6184

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 020-56-21-028**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyne Hospital

*Program Director:*

Kevin J Kelly, MD  
Jordan N Fink, MD  
Children's Hospital of Wisconsin Office Building  
9000 W Wisconsin Ave  
P O Box 1997  
Milwaukee, WI 53201  
414 266-6840

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 020-56-31-037

\* Updated information not provided.

## Anesthesiology

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program

University of Alabama Hospital  
Carraway Methodist Medical Center  
Children's Hospital of Alabama  
Cooper Green Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*  
David H Chestnut, MD  
Department of Anesthesiology UAB  
Jefferson Tower 845  
619 S 19th St  
Birmingham, AL 35293-6810  
205 934-4696

*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 0)  
*Program ID:* 040-01-21-010

#### Mobile

##### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*  
John N Miller, MD  
University of South Alabama Dept of Anesthesiology  
Mastin Rm 609  
2451 Fillingim St  
Mobile, AL 36617  
205 471-7041

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
*Program ID:* 040-01-21-179

### Arizona

#### Tucson

##### University of Arizona Program

University of Arizona College of Medicine  
Maricopa Medical Center  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*  
Charles W Otto, MD  
University of Arizona Health Sciences Center  
Dept of Anesthesiology  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7221

*Length:* 4 Year(s) *Total Positions:* 60 (GYI: 6)  
*Subspecialties:* CCA  
*Program ID:* 040-03-21-012

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*  
E F Klein Jr, MD  
Univ of Arkansas for Med Sci  
4301 W Markham St  
Little Rock, AR 72205  
501 686-6119

*Length:* 4 Year(s) *Total Positions:* 48 (GYI: 8)  
*Program ID:* 040-04-21-013

### California

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*  
Floyd S Brauer, MD  
Loma Linda University Medical Center  
Dept of Anesthesia Rm 2519  
Loma Linda, CA 92354  
909 824-4476

*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 0)  
*Subspecialties:* APM  
*Program ID:* 040-05-21-016

#### Los Angeles

##### Charles R Drew University Program

Charles R. Drew University Of Medicine And Science  
LAC-King/Drew Medical Center

*Program Director:*  
Daniel J Wooten, MD  
Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington  
Los Angeles, CA 90059  
310 668-4683

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 0)  
*Program ID:* 040-05-21-019

##### UCLA Medical Center Program

UCLA School of Medicine  
Cedars-Sinai Medical Center  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*  
Michael J Sopher, MD  
UCLA School of Medicine  
Dept of Anesthesiology  
10833 LeConte Ave  
Los Angeles, CA 90024-1778  
310 825-3316

*Length:* 3 Year(s) *Total Positions:* 76 (GYI: 0)  
*Program ID:* 040-05-21-020

##### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*  
Vladimir Zelman, MD  
Los Angeles Cnty-USC Med Ctr  
1200 N State St Rm 14901  
Los Angeles, CA 90033  
213 226-4507

*Length:* 4 Year(s) *Total Positions:* 75 (GYI: 0)  
*Program ID:* 040-05-21-018

### Orange

##### University of California (Irvine) Program

University of California (Irvine) Medical Center  
San Bernardino County Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*  
Steven J Barker, PhD MD  
Dept of Anesthesiology  
101 City Dr S PO Box 14091  
Bldg 53 Rt 81A  
Orange, CA 92613-1491  
714 456-5501

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 0)  
*Subspecialties:* APM,CCA  
*Program ID:* 040-05-21-015

#### Sacramento

##### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*  
Carol L Lake, MD  
Univ of California (Davis) Med Ctr  
Dept of Anesthesia  
2315 Stockton Blvd #2007  
Sacramento, CA 95817  
916 734-5169

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 0)  
*Program ID:* 040-05-21-014

#### San Diego

##### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

*Program Director:*  
Gerald A Burger, MD  
Naval Hospital  
Dept of Anesthesia  
San Diego, CA 92134-5000  
619 532-8941

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)  
*Program ID:* 040-05-21-006

##### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Children's Hospital Medical Center of Northern California  
Veterans Affairs Medical Center (San Diego)

*Program Director:*  
Harvey M Shapiro, MD  
Dept of Anesthesiology  
UCSD Med Ctr  
200 W Arbor Dr  
San Diego, CA 92103-0801  
619 543-5297

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 0)  
*Subspecialties:* APM  
*Program ID:* 040-05-21-022

\* Updated information not provided.

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Mark A Rosen, MD  
University of California Dept of Anesthesia  
Box 0648

San Francisco, CA 94143-0648

415 476-3235

*Length:* 4 Year(s) *Total Positions:* 92 (GYI: 30)

*Subspecialties:* CCA

**Program ID:** 040-05-21-023

**Stanford****Stanford University Program**

Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Donald R Stanski, MD  
Stanford University Medical Center  
Dept of Anesthesiology

H3580

Stanford, CA 94305-5117

415 723-7377

*Length:* 4 Year(s) *Total Positions:* 46 (GYI: 0)

*Subspecialties:* APM, CCA

**Program ID:** 040-05-21-025

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Chingmuh Lee, MD  
Harbor-UCLA Medical Center  
1000 W Carson St Box 10

Torrance, CA 90509-2910

310 222-3471

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 0)

**Program ID:** 040-05-11-026

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Charles P Gibbs, MD  
University of Colorado Health Sciences Center  
Dept of Anesthesiology B113

4200 E Ninth Ave

Denver, CO 80262

303 270-4081

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 0)

**Program ID:** 040-07-21-028

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Martin Rosenblum, MD  
Univ of Connecticut Health Center  
263 Farmington Ave

Farmington, CT 06030-2015

203 678-4273

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 0)

**Program ID:** 040-08-21-172

**Hartford****Hartford Hospital Program**

Hartford Hospital

*Program Director:*

James J Richter, MD  
Hartford Hospital  
80 Seymour St

Hartford, CT 06106

203 545-2117

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 0)

*Subspecialties:* APM, CCA

**Program ID:** 040-08-12-029

**New Haven****Yale-New Haven Medical Center Program\***

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Abraham Mandel, MD  
Yale-New Haven Medical Center Dept of Anesthesiology  
20 York St

New Haven, CT 06504-8110

203 785-2802

*Length:* 3 Year(s) *Total Positions:* 57 (GYI: 0)

**Program ID:** 040-08-21-030

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Herbert D Weintraub, MD  
George Washington University Medical Center  
901 23rd St NW

Washington, DC 20037

202 994-3150

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Subspecialties:* CCA

**Program ID:** 040-10-21-033

**Georgetown University Program**

Georgetown University Hospital

*Program Director:*

David E Lees, MD  
Georgetown University Hospital  
3800 Reservoir Rd NW

Washington, DC 20007

202 687-8640

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 5)

*Subspecialties:* APM

**Program ID:** 040-10-21-032

**Howard University Program**

Howard University Hospital

*Program Director:*

Melville Q Wyche Jr, MD  
Howard University Hospital Dept of Anesthesiology  
2041 Georgia Ave NW

Washington, DC 20060

202 865-8711

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 2)

**Program ID:** 040-10-11-034

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

Ronald L Lutz, MD  
Chief Anesthesia and Operative Service  
Walter Reed Army Medical Center  
6825 16th St NW

Washington, DC 20307-5001

202 782-0039

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 0)

*Subspecialties:* CCA

**Program ID:** 040-10-31-003

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Roy F Cucchiara, MD  
University of Florida  
Dept of Anesthesiology

1600 SW Archer Rd

Gainesville, FL 32610-0254

904 392-3441

*Length:* 4 Year(s) *Total Positions:* 80 (GYI: 0)

*Subspecialties:* APM, CCA

**Program ID:** 040-11-21-035

**Miami****University of Miami-Jackson Memorial Medical Center Program\***

University of Miami-Jackson Memorial Medical Center  
Miami Children's Hospital  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)

*Program Director:*

N W Brian Craythorne, MD  
Dept of Anesthesiology (R-370)  
Jackson Memorial Medical Center

PO Box 016370

Miami, FL 33101

305 585-6970

*Length:* 4 Year(s) *Total Positions:* 107 (GYI: 5)

*Subspecialties:* APM, CCA

**Program ID:** 040-11-21-036

\* Updated information not provided.

**Tampa**

**University of South Florida Program**

University of South Florida College of Medicine  
H Lee Moffitt Cancer Center  
Tampa General Healthcare

*Program Director:*

John B Downs, MD  
University of South Florida College of Medicine  
Dept of Anesthesiology  
12901 Bruce B Downs Blvd Box 59  
Tampa, FL 33612-4799  
813 974-3099

*Length:* 3 Year(s) *Total Positions:* 69 (GYI: 6)

*Subspecialties:* APM,CCA

**Program ID: 040-11-21-178**

**Georgia**

**Atlanta**

**Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

John L Waller, MD  
Emory University School of Medicine  
Dept of Anesthesiology  
1364 Clifton Rd NW  
Atlanta, GA 30322  
404 248-3911

*Length:* 4 Year(s) *Total Positions:* 78 (GYI: 0)

*Subspecialties:* APM

**Program ID: 040-12-21-037**

**Augusta**

**Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Robert S Crumrine, MD  
Dept of Anesthesiology  
Medical College of Georgia  
1120 15th St BAW  
Augusta, GA 30912-2700  
706 721-4544

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 7)

**Program ID: 040-12-11-038**

**Illinois**

**Chicago**

**Cook County Hospital Program**

Cook County Hospital

*Program Director:*

Alon P Winnie, MD  
Cook County Hospital  
Dept of Anesthesiology  
1835 W Harrison St  
Chicago, IL 60612-9985  
312 693-3360

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 1)

**Program ID: 040-16-12-039**

**Illinois Masonic Medical Center Program**

Illinois Masonic Medical Center

*Program Director:*

M Ramez Salem, MD  
Department of Anesthesiology  
Illinois Masonic Medical Center  
836 Wellington Ave  
Chicago, IL 60657-5193  
312 296-7035

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 0)

**Program ID: 040-16-21-040**

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Children's Memorial Medical Center  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Edward A Brunner, MD PhD  
Northwestern Univ Med Schl  
Dept of Anesthesia  
303 E Superior St Rm #356  
Chicago, IL 60611  
312 908-8254

*Length:* 4 Year(s) *Total Positions:* 56 (GYI: 5)

*Subspecialties:* APM,CCA

**Program ID: 040-16-21-042**

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Anthony D Ivankovich, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-6504

*Length:* 4 Year(s) *Total Positions:* 47 (GYI: 5)

**Program ID: 040-16-21-043**

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

Michael F Roizen, MD  
University of Chicago Dept of Anesthesia and Critical Care  
5841 S Maryland Ave MC4028  
Chicago, IL 60637-1470  
312 702-6700

*Length:* 4 Year(s) *Total Positions:* 50 (GYI: 6)

**Program ID: 040-16-11-044**

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*

Ronald F Albrecht, MD  
Univ of Illinois at Chicago Coll of Medicine  
Dept of Anesthesiology/3 Kaplan  
2929 S Ellis Ave  
Chicago, IL 60616-3302  
312 791-2544

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 7)

*Subspecialties:* APM

**Program ID: 040-16-11-041**

**Maywood**

**Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Stephen Slogoff, MD  
Loyola Univ Med Ctr  
Dept of Anesthesiology  
2160 S First Ave  
Maywood, IL 60153  
708 216-4016

*Length:* 4 Year(s) *Total Positions:* 56 (GYI: 0)

**Program ID: 040-16-11-046**

**Indiana**

**Indianapolis**

**Indiana University Medical Center Program**

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Robert K Stoelting, MD  
Indiana Univ Med Ctr  
1120 S Dr FH 204  
Indianapolis, IN 46202-5115  
317 274-0269

*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 0)

*Subspecialties:* APM

**Program ID: 040-17-21-048**

**Iowa**

**Iowa City**

**University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

John H Tinker, MD  
University of Iowa Hospitals and Clinics  
Dept of Anesthesia  
Iowa City, IA 52242-1009  
319 356-2633

*Length:* 4 Year(s) *Total Positions:* 46 (GYI: 0)

*Subspecialties:* APM,CCA

**Program ID: 040-18-21-049**

**Kansas**

**Kansas City**

**University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Kirk T Benson, MD  
Univ of Kansas Medical Center  
Dept of Anesthesiology 2467 Bell  
3901 Rainbow  
Kansas City, KS 66160-7415  
913 588-6670

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 0)

**Program ID: 040-19-11-050**

\* Updated information not provided.

**Wichita****University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
St Francis Regional Medical Center  
St Joseph Medical Center  
Wesley Medical Center

*Program Director:*

Karl E Becker Jr, MD  
Univ of Kansas Schl of Medicine (Wichita)  
Dept of Anesthesia  
1010 N Kansas  
Wichita, KS 67214-3199  
316 268-6147

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)  
**Program ID:** 040-19-22-051

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center

*Program Director:*

William O Witt, MD  
University of Kentucky  
Albert B Chandler Medical Center  
800 Rose St Rm N 202  
Lexington, KY 40536-0084  
606 323-5956

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 0)  
*Subspecialties:* APM  
**Program ID:** 040-20-21-052

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Benjamin M Rigor, MD  
Univ of Louisville School of Medicine  
Dept of Anesthesiology  
Louisville, KY 40292  
502 852-5851

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 0)  
**Program ID:** 040-20-21-053

**Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation

*Program Director:*

James R Douglas Jr, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Medical Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-3755

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 6)  
**Program ID:** 040-21-12-055

**Louisiana State University Program**

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*

Mohammed Naraghi, MD  
Medical Center of Louisiana at New Orleans  
1532 Tulane Ave  
New Orleans, LA 70112-2860  
504 568-2815

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 5)  
**Program ID:** 040-21-21-054

**Tulane University Program**

Tulane University School of Medicine  
Tulane University Hospital and Clinics

*Program Director:*

Alan W Grogono, MD  
Tulane University School of Medicine  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5904

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 4)  
**Program ID:** 040-21-31-168

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

*Program Director:*

D Richard Davis II, MD  
Louisiana State Univ Med Ctr Hosp  
1501 Kings Hwy  
PO Box 39932  
Shreveport, LA 71130-3932  
318 675-5300

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)  
**Program ID:** 040-21-11-056

**Maine****Portland****Maine Medical Center Program**

Maine Medical Center

*Program Director:*

Kenneth L Raessler, MD  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102-3175  
207 871-2526

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 2)  
**Program ID:** 040-22-11-057

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*

Edward D Miller Jr, MD  
Dept of Anesthesiology and Critical Care Medicine  
Johns Hopkins Hospital  
600 N Wolfe St Blalock 1415  
Baltimore, MD 21287-4963  
410 955-8408

*Length:* 3 Year(s) *Total Positions:* 68 (GYI: 0)  
*Subspecialties:* APM, CCA  
**Program ID:** 040-23-21-058

**University of Maryland Program**

University of Maryland Medical System

*Program Director:*

Jane Matjasko, MD  
University of Maryland Medical System  
Dept of Anesthesia  
22 S Greene St  
Baltimore, MD 21201  
410 328-6120

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 0)  
*Subspecialties:* APM, CCA  
**Program ID:** 040-23-11-059

**Bethesda****National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)

*Program Director:*

Cdr Robert M Gantt, MD  
National Naval Medical Center  
8901 Wisconsin Ave  
Bethesda, MD 20889-5000  
301 295-4455

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)  
**Program ID:** 040-23-21-007

**Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*

Edward Lowenstein, MD  
Beth Israel Hospital  
Dept of Anesthesia & Critical Care  
330 Brookline Ave  
Boston, MA 02215  
617 735-2902

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 0)  
*Subspecialties:* APM, CCA  
**Program ID:** 040-24-11-060

**Boston University Program**

Boston University Medical Center-University Hospital  
Boston City Hospital  
Children's Hospital

*Program Director:*

Marcelle M Willock, MD MBA  
University Hospital  
Anesthesiology Dept  
88 E Newton St  
Boston, MA 02118-2393  
617 638-6950

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 0)  
**Program ID:** 040-24-21-062

**Brigham and Women's Hospital Program**

Brigham and Women's Hospital

*Program Director:*

Simon Gelman, MD PhD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-8218

*Length:* 3 Year(s) *Total Positions:* 106 (GYI: 0)  
*Subspecialties:* APM  
**Program ID:** 040-24-21-066

\* Updated information not provided.

**Massachusetts General Hospital Program**

Massachusetts General Hospital  
*Program Director:*  
 Warren M Zapol, MD  
 Massachusetts General Hosp  
 Fruit St  
 Boston, MA 02114  
 617 726-3030  
*Length:* 3 Year(s) *Total Positions:* 81 (GYI: 0)  
*Subspecialties:* APM, CCA  
 Program ID: 040-24-31-064

**New England Medical Center Hospitals Program**

New England Medical Center Hospitals  
*Program Director:*  
 W Heinrich Wurm, MD  
 Box 298 Dept of Anesthesia  
 New England Medical Center  
 750 Washington St  
 Boston, MA 02111  
 617 956-6044  
*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 0)  
 Program ID: 040-24-21-065

**St Elizabeth's Medical Center of Boston Program**

St Elizabeth's Medical Center of Boston  
*Program Director:*  
 Paul R Levesque, MD  
 St Elizabeth's Hospital of Boston  
 Basket 152B  
 736 Cambridge St  
 Brighton, MA 02135  
 617 789-2782  
*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 0)  
 Program ID: 040-24-21-067

**Springfield****Baystate Medical Center Program**

Baystate Medical Center  
*Program Director:*  
 Howard A Trachtenberg, MD  
 Baystate Medical Center  
 Dept of Anesthesiology  
 759 Chestnut St  
 Springfield, MA 01199  
 413 784-3520  
*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 4)  
*Subspecialties:* APM  
 Program ID: 040-24-12-069

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
*Program Director:*  
 Charles A Vacanti, MD  
 Univ of Massachusetts Medical Center  
 55 Lake Ave N  
 Worcester, MA 01655  
 508 856-3821  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 0)  
*Subspecialties:* CCA  
 Program ID: 040-24-31-070

**Michigan****Ann Arbor****University of Michigan Program\***

University of Michigan Hospitals  
*Program Director:*  
 Kevin K Tremper, MD  
 University of Michigan  
 Dept of Anesthesiology  
 1500 E Medical Center Dr  
 Ann Arbor, MI 48109-0048  
 313 936-4280  
*Length:* 4 Year(s) *Total Positions:* 77 (GYI: 5)  
*Subspecialties:* APM  
 Program ID: 040-25-21-071

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital  
*Program Director:*  
 H Michael Marsh, MBBS  
 Henry Ford Hospital  
 Dept of Anesthesiology  
 2799 W Grand Blvd  
 Detroit, MI 48202  
 313 556-8234  
*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 4)  
*Subspecialties:* APM, CCA  
 Program ID: 040-25-21-185

**Sinai Hospital Program**

Sinai Hospital  
*Program Director:*  
 Morris Brown, MD  
 Sinai Hospital  
 6767 W Outer Dr  
 Detroit, MI 48235  
 313 493-5335  
*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 0)  
*Subspecialties:* CCA  
 Program ID: 040-25-31-073

**Southfield****Providence Hospital Program**

Providence Hospital  
*Program Director:*  
 James A Livermore, MD  
 Providence Hosp  
 Med Education  
 16001 W Nine Mile Rd  
 Southfield, MI 48075  
 810 424-2751  
*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)  
 Program ID: 040-25-21-074

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
 Hennepin County Medical Center  
 University of Minnesota Hospital and Clinic  
*Program Director:*  
 Richard J Palahniuk, MD  
 University of Minnesota Hospital and Clinics  
 420 Delaware St SE  
 Box 294 UMHC  
 Minneapolis, MN 55455-0392  
 612 624-9990  
*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 4)  
 Program ID: 040-26-31-075

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Scottsdale)  
 Rochester Methodist Hospital  
 St Luke's Hospital  
 St Mary's Hospital of Rochester  
*Program Director:*  
 Duane K Rorie, MD  
 c/o Steven H Rose, MD  
 Mayo Clinic Dept of Anesthesiology  
 Rm 2-500 Mary Brigh Bldg  
 Rochester, MN 55905  
 507 255-6219  
*Length:* 4 Year(s) *Total Positions:* 68 (GYI: 7)  
*Subspecialties:* APM, CCA  
 Program ID: 040-26-21-076

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
 University Hospital  
*Program Director:*  
 John H Eichhorn, MD  
 University of Mississippi Medical Center  
 2500 N State St  
 Jackson, MS 39216-4505  
 601 984-5900  
*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 0)  
 Program ID: 040-27-11-077

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
 University and Children's Hospital  
*Program Director:*  
 Noel W Lawson, MD  
 University of Missouri-Columbia Hospital and Clinics  
 One Hospital Dr  
 Columbia, MO 65212  
 314 882-2568  
*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 0)  
 Program ID: 040-28-11-078

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
 St Luke's Hospital  
 Truman Medical Center-West  
*Program Director:*  
 Gerald F Touhy, MD  
 St Luke's Hospital  
 44th & Wornall Rd  
 Kansas City, MO 64111  
 816 932-5132  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
 Program ID: 040-28-12-080

\* Updated information not provided.

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

John F Schweiss, MD  
St Louis Univ School of Medicine  
3635 Vista Ave at Grand  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8750

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 3)  
*Program ID:* 040-28-21-166

**Washington University Program**

Barnes Hospital

*Program Director:*

Alex S Evers, MD  
Washington Univ School of Medicine Dept of Anesthesiology  
660 S Euclid Ave  
Box 8054  
St Louis, MO 63110  
314 362-6976

*Length:* 4 Year(s) *Total Positions:* 54 (GYI: 0)  
*Subspecialties:* APM,CCA  
*Program ID:* 040-28-11-081

**Nebraska****Omaha****University of Nebraska Program**

University of Nebraska Medical Center

*Program Director:*

Myrna C Newland, MD  
University of Nebraska Medical Center  
Dept of Anesthesiology  
600 S 42nd St  
Omaha, NE 68198-4455  
402 559-7405

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 0)  
*Program ID:* 040-30-11-082

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital

*Program Director:*

Allen J Hinkle, MD  
D David Glass, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-4356

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 0)  
*Subspecialties:* APM,CCA  
*Program ID:* 040-32-11-083

**New Jersey****Hackensack****Hackensack Medical Center Program**

Hackensack Medical Center

*Program Director:*

Mark D Schlesinger, MD  
Hackensack Medical Center  
Dept of Anesthesiology  
30 Prospect Ave  
Hackensack, NJ 07601  
201 996-2346

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 040-33-11-084

**Livingston****St Barnabas Medical Center Program**

St Barnabas Medical Center

*Program Director:*

Norman J Zeig, MD  
St. Barnabas Medical Center  
Dept of Anesthesiology  
94 Old Short Hills Rd #1002  
Livingston, NJ 07039-5672  
201 533-5512

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 040-33-12-085

**Long Branch****Monmouth Medical Center Program**

Monmouth Medical Center

*Program Director:*

Sandor Paskin, MD  
Monmouth Medical Center Dept of Anesthesiology  
300 Second Ave  
Long Branch, NJ 07740  
908 870-5169

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 0)  
*Program ID:* 040-33-11-086

**Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
UMDNJ-University Hospital

*Program Director:*

Wen-Hsien Wu, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave Med Science Bldg  
Newark, NJ 07103-2714  
201 982-5006

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 4)  
*Subspecialties:* APM  
*Program ID:* 040-33-21-087

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital

*Program Director:*

Sanford L Klein, DDS MD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Anesthesia  
One Robert Wood Johnson Pl CN19  
New Brunswick, NJ 08903-0019  
908 235-7827

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 1)  
*Subspecialties:* APM,CCA  
*Program ID:* 040-33-21-180

**South Orange****Seton Hall University School of Graduate Medical Education Program**

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center

*Program Director:*

Anna Stanec, MD  
St Joseph's Hospital and Medical Center  
703 Main St  
Paterson, NJ 07503  
201 977-2118

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 0)  
*Program ID:* 040-33-21-089

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Jorge A Estrin, MD PhD  
University of New Mexico School of Medicine  
2701 Frontier NE  
Suge Bldg Rm 110  
Albuquerque, NM 87131-5216  
505 272-2610

*Length:* 4 Year(s) *Total Positions:* 45 (GYI: 8)  
*Subspecialties:* APM  
*Program ID:* 040-34-21-183

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital

*Program Director:*

Philip D Lumb, MB BS  
Albany Medical Center Hospital  
Dept of Anesthesiology (A-131)  
43 New Scotland Ave  
Albany, NY 12208-3478  
518 262-4305

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 5)  
*Subspecialties:* APM,CCA  
*Program ID:* 040-35-21-187

**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

Albert J Saubermann, MD  
Albert Einstein College of Medicine  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467  
718 920-4383

*Length:* 3 Year(s) *Total Positions:* 91 (GYI: 0)  
*Subspecialties:* CCA  
*Program ID:* 040-35-21-181

\* Updated information not provided.



**Brooklyn**

**Brookdale Hospital Medical Center Program**

Brookdale Hospital Medical Center  
*Program Director:*  
 Adel R Abadir, MD  
 Brookdale Hospital Center Dept of Anesthesiology  
 Rm 727  
 1275 Linden Blvd  
 Brooklyn, NY 11212-3198  
 718 240-5356  
*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 4)  
*Subspecialties:* APM  
**Program ID: 040-35-31-097**

**Maimonides Medical Center Program**

Maimonides Medical Center  
 Coney Island Hospital  
*Program Director:*  
 Ketan Shevde, MD  
 Maimonides Med Ctr  
 Dept of Anesthesiology  
 4802 Tenth Ave  
 Brooklyn, NY 11219  
 718 283-8301  
*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 0)  
**Program ID: 040-35-11-101**

**New York Methodist Hospital Program**

New York Methodist Hospital  
*Program Director:*  
 Reno Tempesta, MD  
 Methodist Hosp of Brooklyn  
 506 Sixth St  
 Brooklyn, NY 11215  
 718 780-3279  
*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 15)  
**Program ID: 040-35-11-102**

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
 Kings County Hospital Center  
 University Hospital-SUNY Health Science Center at Brooklyn  
*Program Director:*  
 James E Cottrell, MD  
 SUNY Health Science Center at Brooklyn  
 450 Clarkson Ave Box 6  
 Brooklyn, NY 11203  
 718 270-1926  
*Length:* 4 Year(s) *Total Positions:* 75 (GYI: 0)  
*Subspecialties:* APM, CCA  
**Program ID: 040-35-21-110**

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
 Buffalo General Hospital  
 Children's Hospital of Buffalo  
 Erie County Medical Center  
 Millard Fillmore Hospitals  
 Roswell Park Cancer Institute  
 Veterans Affairs Medical Center (Buffalo)  
*Program Director:*  
 Paul R Knight III, MD PhD  
 Dept of Anesthesiology  
 BGH/Hamlin House  
 100 High St  
 Buffalo, NY 14203  
 716 843-4530  
*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 0)  
*Subspecialties:* APM, CCA  
**Program ID: 040-35-21-093**

**East Meadow**

**Nassau County Medical Center Program**

Nassau County Medical Center  
*Program Director:*  
 Kenneth J Freese, MD  
 Nassau County Medical Center  
 2201 Hempstead TrnPk  
 East Meadow, NY 11554-5400  
 516 542-2803  
*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 0)  
**Program ID: 040-35-11-094**

**New Hyde Park**

**Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
*Program Director:*  
 Philip Lebowitz, MD  
 Long Island Jewish Med Ctr  
 Dept of Anesthesiology  
 270-05 76th Ave  
 New Hyde Park, NY 11040  
 718 470-7390  
*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)  
**Program ID: 040-35-11-100**

**New York**

**Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center  
*Program Director:*  
 Erwin Lear, MD  
 Beth Israel Medical Center  
 First Ave at 16th St  
 New York, NY 10003  
 212 420-2385  
*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 0)  
**Program ID: 040-35-11-096**

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
 Elmhurst Hospital Center-Mount Sinai Services  
 Mount Sinai Medical Center  
*Program Director:*  
 Joel A Kaplan, MD  
 Dept of Anesthesiology Box 1010  
 Mount Sinai Medical Center  
 One Gustave L Levy Pl  
 New York, NY 10029-6574  
 212 241-7471  
*Length:* 4 Year(s) *Total Positions:* 65 (GYI: 0)  
*Subspecialties:* APM, CCA  
**Program ID: 040-35-21-104**

**New York Hospital/Cornell Medical Center Program**

New York Hospital  
 Memorial Sloan-Kettering Cancer Center  
*Program Director:*  
 John J Savarese, MD  
 New York Hospital  
 525 E 68th St  
 New York, NY 10021  
 212 746-2962  
*Length:* 4 Year(s) *Total Positions:* 62 (GYI: 8)  
*Subspecialties:* APM, CCA  
**Program ID: 040-35-21-098**

**New York University Medical Center Program**

New York University Medical Center  
 Bellevue Hospital Center  
 Veterans Affairs Medical Center (Manhattan)  
*Program Director:*  
 Herman Turndorf, MD  
 New York Univ Medical Center Dept of Anesthesiology  
 550 First Ave  
 New York, NY 10016  
 212 263-6343  
*Length:* 3 Year(s) *Total Positions:* 60 (GYI: 0)  
*Subspecialties:* CCA  
**Program ID: 040-35-21-106**

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York  
*Program Director:*  
 Mieczyslaw D Finster, MD  
 Presbyterian Hospital in the City of New York  
 622 W 168th St  
 New York, NY 10032-3784  
 212 305-3226  
*Length:* 3 Year(s) *Total Positions:* 56 (GYI: 0)  
*Subspecialties:* CCA  
**Program ID: 040-35-11-107**

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
 St Luke's-Roosevelt Hospital Center-St Luke's Division  
*Program Director:*  
 Daniel M Thys, MD  
 St Luke's-Roosevelt Hospital Center  
 Dept of Anesthesiology  
 1111 Amsterdam Ave  
 New York, NY 10025  
 212 523-2500  
*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 0)  
*Subspecialties:* APM  
**Program ID: 040-35-11-108**

**Rochester**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
*Program Director:*  
 Denham S Ward, MD PhD  
 Dept of Anesthesiology Box 604  
 Univ of Rochester Medical Center  
 601 Elmwood Ave  
 Rochester, NY 14642  
 716 275-2143  
*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 3)  
*Subspecialties:* APM, CCA  
**Program ID: 040-35-11-111**

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
*Program Director:*  
 Paul J Poppers, MD  
 University Hospital Dept of Anesthesia  
 Health Sciences Center  
 Stony Brook, NY 11794-8480  
 516 444-2975  
*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 0)  
*Subspecialties:* APM  
**Program ID: 040-35-21-170**

\* Updated information not provided.

**Syracuse****St Joseph's Hospital Health Center Program**

St Joseph's Hospital Health Center

*Program Director:*  
Anthony A Ascoti, MDSt Joseph's Hospital Health Center  
301 Prospect Ave  
Syracuse, NY 13203  
315 448-5440*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)*Subspecialties:* APM**Program ID: 040-35-12-112****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)*Program Director:*  
Enrico M Camporesi, MDSUNY Hlth Sci Ctr  
Dept of Anesthesiology  
750 E Adams St  
Syracuse, NY 13210  
315 464-4720*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 0)**Program ID: 040-35-21-113****Valhalla****New York Medical College at St Vincent's Hospital and Medical Center of New York Program**New York Medical College  
St Vincent's Hospital and Medical Center of New York*Program Director:*George G Neuman, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St NR Room 408  
Dept of Anesthesiology  
New York, NY 10011  
212 790-7566*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)**Program ID: 040-35-12-109****New York Medical College at Westchester County Medical Center Program**New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
New Rochelle Hospital Medical Center  
Westchester County Medical Center*Program Director:*Elizabeth A M Frost, MD  
New York Med Coll  
Dept of Anesthesiology  
Macy Pavilion-W 2nd Fl  
Valhalla, NY 10595  
914 258-7692*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 0)*Subspecialties:* APM**Program ID: 040-35-21-105****North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*  
Philip G Boysen, MD  
UNC School of Medicine  
Dept of Anesthesiology  
223 Burnett-Womack Bldg CB7010  
Chapel Hill, NC 27599-7010  
919 966-5136*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 3)**Program ID: 040-36-21-114****Durham****Duke University Program**

Duke University Medical Center

*Program Director:*  
J G Reves, MD  
Duke University Medical Center  
Box 3094  
Durham, NC 27710  
919 681-6646*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 0)*Subspecialties:* APM, CCA**Program ID: 040-36-31-115****Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*Francis M James III, MD  
Bowman Gray School of Medicine/North Carolina Baptist Hosp  
Medical Center Blvd  
Winston-Salem, NC 27157-1009  
910 716-4497*Length:* 4 Year(s) *Total Positions:* 42 (GYI: 11)*Subspecialties:* APM, CCA**Program ID: 040-36-21-116****Ohio****Cincinnati****University of Cincinnati Hospital Group Program**University of Cincinnati Hospital  
Children's Hospital Medical Center*Program Director:*  
Phillip O Bridenbaugh, MD  
Univ of Cincinnati Med Ctr  
PO Box 670531  
Cincinnati, OH 45267-0531  
513 558-6356*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 4)*Subspecialties:* APM**Program ID: 040-38-21-118****Cleveland****Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center

*Program Director:*  
Lee S Shepard, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-4801*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 0)**Program ID: 040-38-21-174****Case Western Reserve University Program**University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)*Program Director:*Helmut F Cascorbi, MD PhD  
University Hospitals of Cleveland Dept of Anesthesiology  
11100 Euclid Ave  
Cleveland, OH 44106-5000  
216 844-7330*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 2)*Subspecialties:* CCA**Program ID: 040-38-21-119****Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*F George Estafanous, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Anesthesiology  
Cleveland, OH 44195-5242  
216 444-5690*Length:* 4 Year(s) *Total Positions:* 78 (GYI: 6)*Subspecialties:* APM, CCA**Program ID: 040-38-22-120****Meridia Huron Hospital Program**

Meridia Huron Hospital

*Program Director:*John G Poulos, MD  
Meridia Huron Hospital  
13951 Terrace Rd  
Cleveland, OH 44112  
216 761-4280*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)**Program ID: 040-38-22-122****Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*John S McDonald, MD  
Ohio State University Hospitals Dept of Anesthesiology  
N-416 Doan Hall  
410 W Tenth Ave  
Columbus, OH 43210-1228  
614 293-8487*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 0)*Subspecialties:* CCA**Program ID: 040-38-11-123**

\* Updated information not provided.

## Toledo

### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
Flower Hospital  
Toledo Hospital

*Program Director:*

Michael Nugent, MD  
Med Coll of Ohio Hosp  
Dept of Anesthesiology  
P O Box 10008  
Toledo, OH 43699-0008  
419 381-3556

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 10)

*Program ID:* 040-38-21-125

## Youngstown

### Western Reserve Care System/NEUCOM Program

Western Reserve Care System  
Northside Medical Center  
Southside Medical Center

*Program Director:*

Veeralah C Perni, MD  
Western Reserve Care System  
500 Gypsy Ln  
Youngstown, OH 44501  
216 740-3679

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 0)

*Program ID:* 040-38-11-127

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Robin J Elwood, MD  
University of Oklahoma Health Sciences Center  
920 Stanton L Young Blvd  
PO Box 53188  
Oklahoma City, OK 73104-5020  
405 271-4351

*Length:* 4 Year(s) *Total Positions:* 38 (GYI: 6)

*Program ID:* 040-39-21-128

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital

*Program Director:*

Harry G Kingston, MB BCh  
Oregon Health Sciences University Dept of Anesthesiology  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-7641

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Subspecialties:* APM

*Program ID:* 040-40-21-129

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

John B Houston, MD  
Geisinger Medical Center  
North Academy Ave  
Danville, PA 17822  
717 271-6845

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)

*Program ID:* 040-41-21-184

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Julien F Biebuyck, MD  
Milton S Hershey Medical Center  
Dept of Anesthesia  
Residency Admissions Office  
Hershey, PA 17033  
717 531-6128

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 0)

*Subspecialties:* APM, CCA

*Program ID:* 040-41-11-130

### Philadelphia

#### Albert Einstein Medical Center Program

Albert Einstein Medical Center

*Program Director:*

Jonathan V Roth, MD  
Albert Einstein Medical Center  
Dept of Anesthesiology  
5501 Old York Rd  
Philadelphia, PA 19141-3098  
215 456-6850

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 0)

*Subspecialties:* APM

*Program ID:* 040-41-21-132

#### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital

*Program Director:*

Henry Rosenberg, MD  
Dept of Anesthesiology MS 310  
Hahnemann University  
Broad & Vine Sts  
Philadelphia, PA 19102-1192  
215 762-7962

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 9)

*Program ID:* 040-41-21-133

### Temple University Program

Temple University Hospital

*Program Director:*

Christer Carlsson, MD  
Temple University Hospital  
Dept of Anesthesiology  
Broad & Ontario Sts  
Philadelphia, PA 19140  
215 707-3325

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)

*Subspecialties:* APM, CCA

*Program ID:* 040-41-31-136

## Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Joseph L Seltzer, MD  
Thomas Jefferson University Hospital  
Dept of Anesthesiology  
111 South 11th St Ste 6460G  
Philadelphia, PA 19107  
215 955-6161

*Length:* 3 Year(s) *Total Positions:* 66 (GYI: 0)

*Subspecialties:* APM

*Program ID:* 040-41-21-137

## University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

David E Longnecker, MD  
Hospital of the University of Pennsylvania  
Dept of Anesthesia  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 662-3738

*Length:* 4 Year(s) *Total Positions:* 76 (GYI: 0)

*Subspecialties:* APM, CCA

*Program ID:* 040-41-21-134

## Pittsburgh

### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Glenn P Gravlee, MD  
Allegheny Gen Hosp  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-3155

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)

*Program ID:* 040-41-11-138

### Mercy Hospital of Pittsburgh Program

Mercy Hospital of Pittsburgh

*Program Director:*

William D Hetrick, MD  
Mercy Hospital of Pittsburgh  
Dept of Anesthesiology  
1400 Locust St  
Pittsburgh, PA 15219-5166  
412 232-8005

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 0)

*Subspecialties:* CCA

*Program ID:* 040-41-12-140

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC

*Program Director:*

Peter M Winter, MD  
Univ of Pittsburgh  
Dept of Anesthesiology Sch of Med  
A1305 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9623

*Length:* 4 Year(s) *Total Positions:* 67 (GYI: 0)

*Subspecialties:* APM, CCA

*Program ID:* 040-41-21-139

\* Updated information not provided.

**Western Pennsylvania Hospital Program**

Western Pennsylvania Hospital

*Program Director:*

Jeffrey L. Canose, MD  
The Western Pennsylvania Hospital  
Anesthesiology Dept  
4800 Friendship Ave  
Pittsburgh, PA 15224  
412 578-5323

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)  
**Program ID:** 040-41-32-141

**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
Industrial Hospital  
San Juan City Hospital  
University Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Carlos Rivas-Haddock, MD  
Univ of Puerto Rico Schl of Med  
GPO Box 5067  
San Juan, PR 00936  
809 758-0640

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 5)  
**Program ID:** 040-42-21-142

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Raymond C Roy, PhD MD  
Medical University of South Carolina  
Dept of Anesthesiology  
171 Ashley Ave  
Charleston, SC 29425-2207  
803 792-2322

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 10)  
**Program ID:** 040-45-22-143

**Columbia****Richland Memorial Hospital-University of South Carolina School of Medicine Program**

Richland Memorial Hospital-Univ of South Carolina Sch of Med

*Program Director:*

Edwin A. Bowe, MD  
Dept of Anesthesiology  
Richland Memorial Hospital  
5 Richland Medical Pk  
Columbia, SC 29203  
803 434-6151

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 4)

*Subspecialties:* APM**Program ID:** 040-45-21-177**Tennessee****Knoxville****University of Tennessee Medical Center at Knoxville Program**

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

Steve A Morris, MD  
The Univ of Tennessee  
Graduate Sch of Medicine  
1924 Alcoa Hwy  
Knoxville, TN 37920  
615 544-9221

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)

*Subspecialties:* CCA**Program ID:** 040-47-11-144**Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
University of Tennessee Medical Center

*Program Director:*

John Zanella Jr, MD PhD  
Univ of Tennessee Memphis  
Dept of Anesthesiology  
800 Madison Ave  
Memphis, TN 38163  
901 448-5664

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)

**Program ID:** 040-47-21-145**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*

Charles J Beattie, MD PhD  
Vanderbilt University Hospital  
1161 21st Ave S  
Suite 2301 The Vanderbilt Clinic  
Nashville, TN 37232-2125  
615 343-9419

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 0)

*Subspecialties:* APM**Program ID:** 040-47-11-146**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Dennis F Landers, MD PhD  
University of Texas Southwestern Medical Center at Dallas  
5323 Harry Hines Blvd  
Dallas, TX 75235-9068  
214 648-5460

*Length:* 4 Year(s) *Total Positions:* 72 (GYI: 0)

*Subspecialties:* APM**Program ID:** 040-48-21-147**El Paso****Texas Tech University (El Paso) Program**

Texas Tech University Health Sciences Center at El Paso  
RE Thomason General Hospital

*Program Director:*

L Donald Randino, DO  
Texas Tech University-HSC  
Dept of Anesthesiology  
4800 Alberta Ave  
El Paso, TX 79905-1298  
915 545-6560

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 0)

**Program ID:** 040-48-21-187**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center

*Program Director:*

Douglas M Anderson, MD  
Brooke Army Medical Center Anesthesiology Service  
Fort Sam Houston  
San Antonio, TX 78234-6346  
210 916-8118

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 0)

**Program ID:** 040-48-12-004**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Donald S Prough, MD  
University of Texas Medical Branch  
Dept of Anesthesiology  
Galveston, TX 77555-0591  
409 772-1221

*Length:* 4 Year(s) *Total Positions:* 74 (GYI: 16)

*Subspecialties:* CCA**Program ID:** 040-48-11-149**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital

Methodist Hospital

Veterans Affairs Medical Center (Houston)

*Program Director:*

William F Childres, MD  
Baylor College of Medicine  
Dept of Anesthesiology  
6550 Fannin Smith Tower 1003  
Houston, TX 77030  
713 798-5117

*Length:* 4 Year(s) *Total Positions:* 78 (GYI: 6)

*Subspecialties:* APM**Program ID:** 040-48-31-150**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital

*Program Director:*

Jeffrey Katz, MD  
University of Texas Health Science Center at Houston  
6431 Fannin MSB 5.020  
Houston, TX 77030  
713 792-5566

*Length:* 4 Year(s) *Total Positions:* 91 (GYI: 20)

*Subspecialties:* APM, CCA**Program ID:** 040-48-31-152

\* Updated information not provided.

## Lackland AFB

### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Jay S Ellis Jr, MD  
Wilford Hall Medical Center/PSSA  
Dept of Anesthesiology  
2200 Bergquist Dr Ste 1  
San Antonio, TX 78236-5300  
210 670-5558

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 6)

*Subspecialties:* CCA

*Program ID:* 040-48-21-001

## Lubbock

### Texas Tech University (Lubbock) Program

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*

Gabor B Racz, MD  
Texas Tech University Health Sciences Center  
Dept of Anesthesiology  
3601 Fourth St  
Lubbock, TX 79430  
806 743-3112

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)

*Subspecialties:* APM

*Program ID:* 040-48-11-153

## San Antonio

### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L. Murphy Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

*Program Director:*

R Brian Smith, MD  
Univ of Texas Hlth Sci Ctr  
Dept of Anesthesiology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7838  
210 567-4507

*Length:* 4 Year(s) *Total Positions:* 45 (GYI: 6)

*Subspecialties:* APM

*Program ID:* 040-48-21-155

## Temple

### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital  
Olin E Teague Veterans Center

*Program Director:*

Charles H McLeskey, MD  
Texas A&M College of Medicine-Scott and White  
Dept of Anesthesiology  
2401 S 31st St  
Temple, TX 76508  
800 299-4463

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 5)

*Program ID:* 040-48-21-156

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center

*Program Director:*

K C Wong, MD PhD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-6393

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 0)

*Program ID:* 040-49-31-157

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont

*Program Director:*

John E Mazuzan Jr, MD  
Dept of Anesthesia  
Medical Center Hospital of Vermont  
Colchester Ave  
Burlington, VT 05401  
802 656-2415

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 0)

*Subspecialties:* APM

*Program ID:* 040-50-11-158

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Robert M Epstein, MD  
University of Virginia Medical Center  
Box 238  
Charlottesville, VA 22908  
804 924-9613

*Length:* 4 Year(s) *Total Positions:* 50 (GYI: 6)

*Subspecialties:* CCA

*Program ID:* 040-51-11-159

## Portsmouth

### Naval Medical Center (Portsmouth) Program\*

Naval Medical Center (Portsmouth)

*Program Director:*

William L Little Jr, MD  
Dept of Anesthesiology Dept of the Navy  
Naval Med Ctr  
620 John Paul Jones Circle  
Portsmouth, VA 23708-5000  
804 398-5125

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

*Subspecialties:* APM

*Program ID:* 040-51-21-008

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Surinder K Kallar, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980103  
Richmond, VA 23298-0103  
804 786-0733

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)

*Subspecialties:* APM

*Program ID:* 040-51-11-160

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Harborview Medical Center  
University of Washington Medical Center

*Program Director:*

Frederick W Cheney, MD  
Dept of Anesthesiology RN-10  
Univ of Washington  
1959 NE Pacific  
Seattle, WA 98195  
206 543-2673

*Length:* 4 Year(s) *Total Positions:* 56 (GYI: 2)

*Subspecialties:* APM

*Program ID:* 040-54-21-161

#### Virginia Mason Medical Center Program

Virginia Mason Medical Center

*Program Director:*

Michael F Mulroy, MD  
Virginia Mason Hospital  
Off of Housestaff Affairs (H7-ME)  
925 Seneca St  
Seattle, WA 98101  
206 583-6079

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 4)

*Subspecialties:* APM

*Program ID:* 040-54-12-162

## Tacoma

### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*

Michael J Sborov, MD  
Commander  
Madigan Army Medical Center  
Attn: HSHJ-SAO (Anesthesia Svc)  
Tacoma, WA 98431-5000  
206 968-1975

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 5)

*Program ID:* 040-54-21-186

\* Updated information not provided.

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

Edward H Stullken Jr, MD  
West Virginia University School of Medicine  
Dept of Anesthesiology  
Box 9134 3618 Health Sciences Ctr  
Morgantown, WV 26506-9134  
304 293-5411

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 1)  
**Program ID: 040-55-11-163**

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Ben F Rusy, MD  
Univ of Wisconsin Hospital and Clinics  
600 Highland Ave Rm B6/319  
Madison, WI 53792-3272  
608 263-0208

*Length:* 4 Year(s) *Total Positions:* 35 (GYI: 8)  
*Subspecialties:* CCA  
**Program ID: 040-56-21-164**

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyne Hospital

*Program Director:*

John P Kampine, MD PhD  
Medical College of Wisconsin  
Dept of Anesthesiology  
8700 W Wisconsin  
Milwaukee, WI 53226  
414 257-6269

*Length:* 4 Year(s) *Total Positions:* 72 (GYI: 6)  
*Subspecialties:* APM, CCA  
**Program ID: 040-56-21-165**

# Blood Banking/Transfusion Medicine (Pathology-Anatomic and Clinical)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
American Red Cross Blood Services-Alabama Region

*Program Director:*

Shu T Huang, MD  
University of Alabama Hospital Blood Bank  
619 S 19th St  
Birmingham, AL 35233-6820  
205 934-6421

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 2)  
**Program ID: 305-01-21-041**

## California

### Long Beach

#### Long Beach Memorial Medical Center/American Red Cross Blood and Tissue Services Program

Long Beach Memorial Medical Center  
American Red Cross Blood Services-Southern California  
Region

*Program Director:*

Asa Barnes, MD  
George Garratty, PhD  
Long Beach Memorial Medical Center  
2801 Atlantic Ave  
Long Beach, CA 90801  
310 933-3489

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID: 305-05-21-014**

### Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Dennis Goldfinger, MD  
Div of Transfusion Medicine  
Dept of Pathology & Lab Medicine  
8700 Beverly Blvd  
Los Angeles, CA 90048  
310 855-5418

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID: 305-05-21-015**

### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Lawrence D Petz, MD  
University of California Los Angeles Medical Center  
Rm A6-238 CHS  
10833 Le Conte Ave  
Los Angeles, CA 90024-1713  
310 825-9916

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID: 305-05-11-049**

### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Ira A Shulman, MD  
Los Angeles County-University of S California Medical  
Center  
1200 N State St Box 771  
Los Angeles, CA 90033  
213 226-5993

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID: 305-05-21-016**

## San Francisco

### Irwin Memorial Blood Center Program

Irwin Memorial Blood Centers

*Program Director:*

Herbert A Perkins, MD  
Irwin Memorial Blood Centers  
270 Masonic Ave  
San Francisco, CA 94118-4496  
415 567-6400

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID: 305-05-21-017**

## Connecticut

### Farmington

#### University of Connecticut Program

University of Connecticut School of Medicine  
Connecticut Red Cross Blood Services  
Hartford Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

Edward E Morse, MD  
University of Connecticut School of Medicine  
Dept of Laboratory Medicine MC2225  
263 Farmington Ave  
Farmington, CT 06030  
203 679-2632

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID: 305-08-21-025**

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Connecticut Red Cross Blood Services

*Program Director:*

Edward L Snyder, MD  
Blood Bank/Laboratory Medicine 459-CB  
Yale-New Haven Hospital  
20 York St  
New Haven, CT 06504  
203 785-2441

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID: 305-08-21-052**

\* Updated information not provided.

## District of Columbia

### Washington

#### Georgetown University Program

Georgetown University Hospital

*Program Director:*

S Gerald Sandler, MD  
Georgetown University Medical Center  
Blood Donor Service Rm M-1306  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 687-8520

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 305-10-21-057

## Florida

### Tampa

#### Southwest Florida Blood Bank Program

Florida Blood Services

*Program Director:*

German F Leperc, MD  
Florida Blood Services  
PO Box 2125  
Tampa, FL 33601-2125  
813 977-5433

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-11-21-031

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine

*Program Director:*

Kenneth W Sell, MD PhD  
Education Office Dept of Pathology  
H-189 Emory University Hospital  
1364 Clifton Rd NE  
Atlanta, GA 30322-8110  
404 727-4283

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 305-12-31-056

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics

*Program Director:*

Lloyd O Cook, MD  
Medical College of Georgia  
Blood Bank  
Augusta, GA 30912-3620  
706 721-2731

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-12-21-053

## Illinois

### Chicago

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Beverly W Baron, MD  
University of Chicago Hospitals  
Blood Bank MC0007  
5841 S Maryland Ave  
Chicago, IL 60637  
312 702-1439

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-16-21-054

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Central Indiana Regional Blood Center  
William N Wishard Memorial Hospital

*Program Director:*

Leo J McCarthy, MD  
Transfusion Medicine Rm 4430  
Indiana University Medical Center  
550 N University Blvd  
Indianapolis, IN 46202-5283  
317 274-8189

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-17-21-058

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Ronald G Strauss, MD  
University of Iowa Hospitals and Clinics  
Dept of Pathology  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 335-8150

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 305-18-21-039

## Kentucky

### Louisville

#### American Red Cross Blood Services-Louisville Region Program

American Red Cross Blood Services Louisville Region  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville School of Medicine

*Program Director:*

David E Jenkins Jr, MD  
American Red Cross Blood Services  
PO Box 3168  
Louisville, KY 40201-3168  
502 561-3707

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-20-21-059

## Louisiana

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Blood Center for Southeast Louisiana

*Program Director:*

Yuan-Shiang Kao, MD  
Louisiana State University Medical Center  
1901 Perdido St  
New Orleans, LA 70112-1393  
504 568-6031

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-21-21-063

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
American Red Cross Blood Services  
Johns Hopkins Hospital

*Program Director:*

Paul M Ness, MD  
Johns Hopkins Hospital  
600 N Wolfe St  
Baltimore, MD 21287-6667  
410 955-6583

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-23-21-026

### Bethesda

#### National Institutes of Health Clinical Center Program

NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Richard J Davey, MD  
Dept of Transfusion Medicine  
Clinical Center NIH  
Bldg 10 Rm 1C-711  
Bethesda, MD 20892  
301 496-9702

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 305-23-21-001

## Massachusetts

### Boston

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Christopher P Stowell, MD PhD  
Massachusetts General Hospital  
Blood Transfusion Serv/GRJ-212  
32 Fruit St  
Boston, MA 02114  
617 726-2815

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 305-24-21-064

\* Updated information not provided.

## Michigan

### Royal Oak

#### William Beaumont Hospital Program

William Beaumont Hospital  
American Red Cross Blood Serv-Southeastern Michigan Region

*Program Director:*

Richard H Walker, MD  
John Stevens, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-8013

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 305-25-32-012

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Memorial Blood Centers of Minnesota  
North Central Blood Services Region  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Jeffrey McCullough, MD  
University of Minnesota Hospital and Clinic  
Box 609/D242 Mayo Bldg  
420 Delaware St SE  
Minneapolis, MN 55455  
612 626-3272

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 305-26-21-013

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Kenneth R Williamson, MD  
Mayo Graduate School of Medicine Application  
Processing Ctr  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-3336

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 305-26-21-005

## Missouri

### St Louis

#### Barnes Hospital Group Program\*

Barnes Hospital

*Program Director:*

Douglas Lublin, MD PhD  
Att: Kevin Bjerke, Manager  
Grad Med Ed/Washington Univ of Med  
One Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-1331

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 305-28-22-006

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Kenneth D Friedman, MD  
University of New Mexico School of Medicine  
Dept of Pathology Rm 337 BRF  
915 Camino De Salud NE  
Albuquerque, NM 87131-5301  
505 277-5872

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 305-34-21-050

## New York

### New York

#### New York Blood Center Program\*

New York Blood Center  
Memorial Sloan-Kettering Cancer Center  
Mount Sinai Medical Center  
New York Hospital  
New York University Medical Center  
Presbyterian Hospital in the City of New York  
St Luke's-Roosevelt Hospital Center  
St Vincent's Hospital and Medical Center of New York  
Westchester County Medical Center

*Program Director:*

John W Adamson, MD  
New York Blood Center  
310 E 67th St  
New York, NY 10021  
212 570-3142

*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 0)  
*Program ID:* 305-35-21-019

### Stony Brook

#### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook  
New York Blood Center

*Program Director:*

Dennis K Galanakis, MD  
SUNY at Stony Brook Hlth Sci Ctr  
Basic Science Tower 9  
Room 140  
Stony Brook, NY 11794-8691  
516 444-2626

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 305-35-21-051

### Syracuse

#### SUNY Health Science Center at Syracuse/American Red Cross Blood Services Program

University Hospital-SUNY Health Science Center at Syracuse  
American Red Cross Blood Services-Greater Upstate NY Region  
Crouse-Irving Memorial Hospital

*Program Director:*

John B Henry, MD  
State University of New York Health Sciences Ctr at Syracuse  
Dept of Pathology  
750 E Adams St  
Syracuse, NY 13210  
315 464-7186

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 305-35-21-034

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

Myra L Collins, MD  
Dept of Pathology Div of Laboratory Medicine  
Transfusion Med Serv  
U of North Carolina School of Med  
Chapel Hill, NC 27514  
919 966-2454

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 305-36-21-020

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

Hoxworth Blood Center of the Univ of Cincinnati Med Ctr

*Program Director:*

Thomas F Zuck, MD  
Hoxworth Blood Center of the University of Cincinnati  
3130 Highland Ave  
PO Box 670055  
Cincinnati, OH 45267-0055  
513 658-1200

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 305-38-21-027

### Cleveland

#### Case Western Reserve University Program\*

University Hospitals of Cleveland  
American Red Cross Northern Ohio Region

*Program Director:*

Roslyn Yomtovian, MD  
Blood Bank-Transfusion Med Serv  
University Hospital of Cleveland  
2085 Adelbert Rd  
Cleveland, OH 44106  
216 844-1695

*Length:* 1 Year(s)  
*Program ID:* 305-38-21-060

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Gerald A Hoeltge, MD  
Cleveland Clinic  
9500 Euclid Ave TT32  
Dept of Blood Banking  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 305-38-21-042

\* Updated information not provided.



## Columbus

### Ohio State University Program

Ohio State University Medical Center  
American Red Cross Central Ohio Region  
Children's Hospital

*Program Director:*

Larry C Lasky, MD  
Dept of Pathology/Ohio State University  
312 Doan Hall  
410 W Tenth Ave  
Columbus, OH 43210  
614 293-3020

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 1)

**Program ID: 305-38-31-061**

## Pennsylvania

### Philadelphia

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
American Red Cross Blood Services-Penn-Jersey Region

*Program Director:*

Samir K Ballas, MD  
Thomas Jefferson University Hospital  
1015 Walnut St Curtis Bldg  
Philadelphia, PA 19107  
215 955-8485

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID: 305-41-21-037**

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Leslie E Silberstein, MD  
Blood Banking Section/6 Founders  
Hosp of the Univ of Pennsylvania  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 662-3427

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 305-41-21-007**

## Tennessee

### Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
American Red Cross Blood Services-Tennessee Valley  
Region

*Program Director:*

Anne T Thomas, MD  
Vanderbilt University Medical Center  
Rm 4605-TVC  
1301 22nd Ave S  
Nashville, TN 37232-5310  
615 343-9144

*Length:* 1 Year(s) (GYI: 0)

**Program ID: 305-47-31-008**

## Texas

### Houston

#### Baylor College of Medicine Program\*

Baylor College of Medicine  
Gulf Coast Regional Blood Center  
Harris County Hospital District-Ben Taub General  
Hospital  
Methodist Hospital

*Program Director:*

David H Yawn, MD  
Dept of Pathology  
Baylor College of Medicine  
One Baylor Plaza  
Houston, TX 77030  
713 790-2434

*Length:* 1 Year(s)

**Program ID: 305-48-21-062**

#### University of Texas M D Anderson Cancer Center Program\*

University of Texas M D Anderson Cancer Center

*Program Director:*

Harold E Fischer, MD PhD  
1515 Holcombe Blvd  
Houston, TX 77030  
713 792-2644

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 305-48-21-044**

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
University Hospital-South Texas Medical Center

*Program Director:*

Chantal R Harrison, MD  
University of Texas Health Science Center  
Dept of Pathology-Bloodbanking/Tran  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7750  
210 567-4090

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID: 305-48-21-045**

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
American Red Cross Blood Services Badger-Hawkeye  
Region

*Program Director:*

James S Malter, MD  
Gary A Becker, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave  
AA/204 Clinical Science Center  
Madison, WI 53792-2472  
608 263-6043

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID: 305-56-21-048**

## Milwaukee

### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Blood Center of Southeastern Wisconsin  
John L Doyne Hospital

*Program Director:*

Jerome L Gottschall, MD  
The Blood Center of Southeastern Wisconsin  
1701 W Wisconsin Ave  
Milwaukee, WI 53233  
414 937-6231

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 305-56-21-023**

02  
03

\* Updated information not provided.

# Cardiovascular Disease (Internal Medicine)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital

*Program Director:*

Louis J Dell'Italia, MD  
Div of Cardiovascular Disease  
321-E THT  
Birmingham, AL 35294  
205 934-0820

*Length:* 3 Year(s) *Total Positions:* 21

*Program ID:* 141-01-21-151

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Vaskar Mukerji, MD  
Univ of South Alabama Div of Cardiology  
2451 Fillingim St  
10th Fl Ste D  
Mobile, AL 36617  
205 471-7923

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-01-11-060

## Arizona

### Phoenix

#### Good Samaritan Regional Medical Center Program

Good Samaritan Regional Medical Center  
Carl T Hayden Veterans Affairs Medical Center (Phoenix)

*Program Director:*

Frank P Cardello, MD  
Kenneth B Desser, MD  
Carl T Hayden Veterans Affairs Medical Center  
Seventh St & Indian School Rd 111  
Phoenix, AZ 85012  
602 277-5551

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 141-03-21-039

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Gordon A Ewy, MD  
William R Roeske, MD  
University of Arizona Health Sciences Center  
1501 N Campbell  
Tucson, AZ 85724  
602 626-6221

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 141-03-21-131

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Jon P Lindemann, MD  
University of Arkansas  
4301 W Markham  
Little Rock, AR 72205-7199  
501 686-5880

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 141-04-21-132

## California

### Fresno

#### University of California (San Francisco)/Fresno Program

UCSF-Fresno Medical Education Program  
Valley Medical Center of Fresno  
Veterans Affairs Medical Center (Fresno)

*Program Director:*

Lauren H Grayson, MD  
Valley Medical Center of Fresno  
445 S Cedar Ave  
Fresno, CA 93702  
209 453-4395

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-05-31-133

### La Jolla

#### Scripps Clinic and Research Foundation Program

Scripps Clinic and Research Foundation

*Program Director:*

Allen D Johnson, MD  
Dept of Graduate Med Educ/403C  
Scripps Clinic & Research Fnd  
10666 N Torrey Pines Rd  
La Jolla, CA 92037-1093  
619 554-8836

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 141-05-21-086

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Pravin M Shah, MD  
Loma Linda University Medical Center  
Cardiology Section  
PO Box 2000  
Loma Linda, CA 92354  
909 824-4652

*Length:* 2 Year(s) *Total Positions:* 7

*Program ID:* 141-05-21-153

## Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Prediman K Shah, MD  
Cedars-Sinai Med Ctr  
8700 Beverly Blvd  
Los Angeles, CA 90048-1865  
310 855-4876

*Length:* 3 Year(s) *Total Positions:* 13

*Program ID:* 141-05-11-134

#### Charles R Drew University Program\*

Charles R. Drew University Of Medicine And Science  
LAC-King/Drew Medical Center  
St Vincent Medical Center

*Program Director:*

P Anthony Chandraratna, MD  
LAC County-Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
213 603-4564

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 141-05-11-154

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Linda L Deemer, MD PhD  
UCLA Div of Cardiology  
Ctr for the Hlth Sci  
10833 Le Conte Ave  
Los Angeles, CA 90024-1679  
310 206-2677

*Length:* 3 Year(s) *Total Positions:* 10

*Program ID:* 141-05-11-155

#### University of Southern California Program\*

Los Angeles County-USC Medical Center

*Program Director:*

David P Faxon, MD  
Univ of Southern California Medical Center  
1355 San Pablo St, #117  
Los Angeles, CA 90033  
213 342-5480

*Length:* 3 Year(s) *Total Positions:* 4

*Program ID:* 141-05-21-061

#### Veterans Affairs Medical Center (West Los Angeles) Program

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Freny V Mody, MD  
West Los Angeles VA Medical Center  
Div of Cardiology (W111E)  
11301 Wilshire Blvd  
Los Angeles, CA 90073  
310 824-3126

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-05-31-073

## Los Angeles (Sepulveda)

#### UCLA San Fernando Valley Program

Veterans Affairs Medical Center (Sepulveda)  
Encino-Tarzana Regional Medical Center  
LAC-Olive View Medical Center

*Program Director:*

Ming K Heng, MD  
Veterans Affairs Medical Center  
16111 Plummer St  
Sepulveda, CA 91343  
818 895-9395

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-05-21-156

\* Updated information not provided.

## Orange

### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Richard H Helfant, MD  
University of California (Irvine) UCI Medical Center  
Dept of Medicine Div of Cardiology  
101 The City Dr RT 81/BL 53  
Orange, CA 92668-3298  
714 456-6545

*Length:* 3 Year(s) *Total Positions:* 16  
**Program ID:** 141-05-21-180

## Pasadena

### Southern California Kaiser Permanente Medical Care (Los Angeles) Program

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Michael Jorgensen, MD  
Dept of Cardiology  
4950 Sunset Blvd 6th Fl  
Los Angeles, CA 90027  
213 667-3807

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 141-05-12-041

## Sacramento

### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

Lawrence Laslett, MD  
University of California (Davis) Medical Center  
Div of Cardiovascular Medicine  
4301 X St Rm 2040  
Sacramento, CA 95817  
916 734-3762

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 141-05-21-111

## San Diego

### Mercy Hospital and Medical Center Program

Mercy Hospital and Medical Center

*Program Director:*

Joseph B Stein, MD  
Paul S Phillips, MD  
Dept of Medical Education  
Mercy Hospital and Medical Center  
4077 Fifth Ave  
San Diego, CA 92103-2180  
619 260-7220

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 141-05-11-208

### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

*Program Director:*

C R Ker Boyce, MD  
Naval Medical Center  
Cardiology Div  
San Diego, CA 92134-5000  
619 532-7403

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 141-05-12-181

## University of California (San Diego) Program

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Anthony DeMaria, MD  
UCSD Medical Center Dept of Medicine  
Div of Cardiology  
200 W Arbor St  
San Diego, CA 92103-8411  
619 543-3406

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 141-05-21-209

## San Francisco

### California Pacific Medical Center Program

California Pacific Medical Center  
California Pacific Medical Center (Pacific Campus)

*Program Director:*

Keith E Cohn, MD  
Arthur Selzer, MD  
California Pacific Medical Center  
Div of Cardiology  
PO Box 7999  
San Francisco, CA 94120-7999  
415 923-3236

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 141-05-12-183

### St Mary's Hospital and Medical Center Program

St Mary's Hospital and Medical Center

*Program Director:*

Dean T Mason, MD  
St Mary's Hospital and Medical Center  
Dept of Cardiology/WHI  
450 Stanyan St  
San Francisco, CA 94117-1079  
415 750-5507

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 141-05-22-233

### University of California (San Francisco) Program\*

University of California (San Francisco) School of Medicine

San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center

*Program Director:*

William W Parmley, MD  
Dept of Medicine  
1186 Moffitt Hosp  
San Francisco, CA 94143  
415 476-1326

*Length:* 2 Year(s)  
**Program ID:** 141-05-21-184

### University of California (San Francisco)/Mount Zion Program

University of California (San Francisco) School of Medicine

Mount Zion Medical Center of the University of California

*Program Director:*

Edward M Cohen, MD  
James Mailhot, MD  
UCSF/Mount Zion  
1600 Divisadero  
San Francisco, CA 94115  
415 885-7321

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 141-05-31-182

## Stanford

### Stanford University Program\*

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Edwin L Alderman, MD  
Cardiovascular Medicine Div CVRC  
Stanford University Medical Center  
Stanford, CA 94305-5246  
415 723-6008

*Length:* 2 Year(s) *Total Positions:* 22  
**Program ID:** 141-05-21-025

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Bruce H Brundage, MD  
Harbor-UCLA Medical Center  
Div of Cardiology  
1000 W Carson St RB2  
Torrance, CA 90509  
310 222-2515

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 141-05-11-210

## Colorado

## Aurora

### Fitzsimons Army Medical Center Program

Fitzsimons Army Medical Center

*Program Director:*

Richard C Davis Jr, MD PhD  
Fitzsimons Army Medical Center  
Cardiovascular Disease Section  
Aurora, CO 80045-5001  
303 361-8507

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 141-07-12-088

## Denver

### University of Colorado Program\*

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Lawrence Horwitz, MD  
Dept of Medicine  
Univ of Colorado Hlth Sc Ctr  
Box B-178 4200 E Ninth Ave  
Denver, CO 80262  
303 270-7761

*Length:* 3 Year(s)  
**Program ID:** 141-07-21-074

## Connecticut

## Bridgeport

### Yale University (Bridgeport) Program

Bridgeport Hospital

*Program Director:*

Joseph Babb, MD  
Bridgeport Hospital Dept of Cardiology  
287 Grant St  
Bridgeport, CT 06602-2870  
203 384-3844

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 141-08-11-211

\* Updated information not provided.

**Farmington****University of Connecticut Program 1**

University of Connecticut School of Medicine  
Mount Sinai Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

Peter Schulman, MD  
University of Connecticut Health Center  
Div of Cardiology L3104  
263 Farmington Ave  
Farmington, CT 06030-1305  
203 679-3865

*Length:* 3 Year(s) *Total Positions:* 10

**Program ID:** 141-08-31-001

**University of Connecticut Program 2**

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

David D Waters, MD  
Hartford Hospital  
80 Seymour St  
Hartford, CT 06102-5037  
203 545-2880

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 141-08-31-253

**New Haven****Hospital of St Raphael Program**

Hospital of St Raphael

*Program Director:*

Robert F Morrison, MD  
Hospital of St Raphael  
Dept of Medicine  
1450 Chapel St  
New Haven, CT 06511  
203 789-3202

*Length:* 3 Year(s) *Total Positions:* 5

**Program ID:** 141-08-31-002

**Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Forrester A Lee, MD  
Yale University School of Medicine  
Sect of Cardiovascular Medicine  
PO Box 208017 333 Cedar St 3FMP  
New Haven, CT 06520-8017  
203 785-7191

*Length:* 2 Year(s) *Total Positions:* 16

**Program ID:** 141-08-21-026

**Norwalk****Yale University/Norwalk Hospital Program**

Norwalk Hospital

*Program Director:*

Martin Joel Krauthamer, MD  
Norwalk Hospital  
Maple St  
Norwalk, CT 06856  
203 852-2410

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 141-08-31-003

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Conor F Lundergan, MD  
George Washington Univ Hosp Dept of Med  
Div of Cardiology  
Ste 4-414  
Washington, DC 20037  
202 994-3777

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 141-10-21-136

**Georgetown University Program**

Georgetown University Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Bernard L Gersh, MD  
Georgetown University Hospital  
Dept of Medicine  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 687-2327

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID:** 141-10-21-107

**Howard University Program**

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

Charles L Curry, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Ste 6C-03  
Washington, DC 20060  
202 865-6791

*Length:* 3 Year(s) *Total Positions:* 10

**Program ID:** 141-10-21-158

**Walter Reed Army Medical Center Program\***

Walter Reed Army Medical Center

*Program Director:*

Clarence E Pearson, MD  
Chief Cardiology Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-3836

*Length:* 3 Year(s) *Total Positions:* 11

**Program ID:** 141-10-11-159

**Washington Hospital Center Program**

Washington Hospital Center

*Program Director:*

Joseph Lindsay Jr, MD  
Washington Hospital Center  
110 Irving St NW  
Washington, DC 20010-2975  
202 877-7597

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 141-10-11-160

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

C Richard Conti, MD  
Univ of Florida Dept of Medicine  
Box 100277  
J Hillis Miller Health Center  
Gainesville, FL 32610  
904 392-4383

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 141-11-21-045

**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)

*Program Director:*

Alan B Miller, MD  
Univ of Florida Hlth Sci Ctr/Jacksonville  
655 W Eighth St  
Jacksonville, FL 32209  
904 549-3066

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 141-11-21-027

**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Robert J Myerburg, MD  
University of Miami School of Medicine Dept of Medicine  
Div of Cardiology (D-39)  
PO Box 016960  
Miami, FL 33101-6960  
305 585-6534

*Length:* 3 Year(s) *Total Positions:* 17

**Program ID:** 141-11-21-212

**Miami Beach****Mount Sinai Medical Center of Greater Miami Program**

Mount Sinai Medical Center of Greater Miami

*Program Director:*

Gervasio A Lamas, MD  
Mount Sinai Medical Center of Greater Miami  
Div of Cardiology  
4300 Alton Rd  
Miami Beach, FL 33140  
305 674-2150

*Length:* 3 Year(s) *Total Positions:* 19

**Program ID:** 141-11-12-076

**Tampa****University of South Florida Program**

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Douglas D Schocken, MD  
MDC Box 19  
12901 Bruce B Downs Blvd  
Tampa, FL 33612-4799  
813 974-2880

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 141-11-21-046

\* Updated information not provided.

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Wayne Alexander, MD  
Emory University School of Medicine Div of Cardiology  
PO Drawer LL  
1639 Pierce Dr  
Atlanta, GA 30322  
404 727-4724

*Length:* 2 Year(s) *Total Positions:* 30  
*Program ID:* 141-12-21-161

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

David L Rutlen, MD  
Medical College of Georgia  
Dept of Medicine Cardiology Sect  
BAA 526  
Augusta, GA 30912  
706 721-2426

*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 141-12-21-004

## Illinois

### Chicago

#### Cook County Hospital Program\*

Cook County Hospital

*Program Director:*

James Mathew, MD  
Cook County Hospital Div of Adult Cardiology  
1825 W Harrison  
Chicago, IL 60612  
312 633-7862

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 141-16-12-047

#### Illinois Masonic Medical Center Program

Illinois Masonic Medical Center

*Program Director:*

Peter J Stecy, MD  
Section of Cardiology  
Illinois Masonic Medical Center  
836 Wellington Ave  
Chicago, IL 60657-5193  
312 296-7044

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 141-16-11-220

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

David J Mehlman, MD  
Northwestern Memorial Hospital  
Wesley Pavilion Rm 520  
250 E Superior St  
Chicago, IL 60611  
312 908-4963

*Length:* 3 Year(s) *Total Positions:* 18  
*Program ID:* 141-16-21-090

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center  
MacNeal Memorial Hospital

*Program Director:*

Joseph E Parrillo, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612-3864  
312 942-2998

*Length:* 2 Year(s) *Total Positions:* 19  
*Program ID:* 141-16-11-162

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Craig T January, MD PhD  
University of Chicago Hospitals  
5841 S Maryland Ave M/C 6080  
Chicago, IL 60637-1470  
312 702-1757

*Length:* 2 Year(s) *Total Positions:* 17  
*Program ID:* 141-16-11-077

#### University of Illinois College of Medicine at Chicago Program\*

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

George T Kondos, MD  
University of Illinois at Chicago  
Section of Cardiology M/C 787  
840 S Wood St 9th Fl  
Chicago, IL 60612  
312 996-9096

*Length:* 3 Year(s) *Total Positions:* 13  
*Program ID:* 141-16-21-163

#### University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program\*

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center

*Program Director:*

Earl Silber, MD  
Univ of Illinois College of Medicine Cardiology  
2929 S Ellis Ave  
Chicago, IL 60616-3390  
312 791-3159

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 141-16-21-028

### Evanston

#### St Francis Hospital of Evanston Program

St Francis Hospital of Evanston

*Program Director:*

Visuit Vivekaphirat, MD  
St Francis Hospital of Evanston  
355 Ridge Ave  
Evanston, IL 60202  
708 492-4000

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 141-16-11-228

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Ronald R Schreiber, MD  
Henry S Loeb, MD  
Dept of Medicine Bldg 54 Rm 125  
2160 S First Ave  
Maywood, IL 60153  
708 216-4545

*Length:* 3 Year(s) *Total Positions:* 27  
*Program ID:* 141-16-21-005

### North Chicago

#### Finch University of Health Sciences/Chicago Medical School Program

Finch University of Health Sciences/Chicago Medical School

Mount Sinai Hospital Medical Center of Chicago  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*

John C Somberg, MD  
Univ of Hlth Sci/Chicago Med Schl  
Dept of Medicine  
3333 Green Bay Rd  
North Chicago, IL 60064-3095  
708 578-3291

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 141-16-21-062

### Oak Lawn

#### EHS Christ Hospital and Medical Center Program

EHS Christ Hospital and Medical Center

*Program Director:*

Gerald Glick, MD  
Christ Hosp/Rush University  
Cardiology Fellowship Prgm  
4440 W 95th St Ste 428S  
Oak Lawn, IL 60453  
708 346-4086

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 141-16-21-091

### Park Ridge

#### University of Chicago (Park Ridge) Program

Lutheran General Hospital

*Program Director:*

Jeffrey B Lakier, MD  
Lutheran General Hospital  
1775 W Dempster St  
Park Ridge, IL 60068-1174  
708 696-7997

*Length:* 3 Year(s) *Total Positions:* 78  
*Program ID:* 141-16-21-255

\* Updated information not provided.

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*

Eric S Williams, MD  
Charles Fisch, MD  
Indiana Univ Med Ctr Krannert Inst of Cardiology  
1111 W Tenth St  
Indianapolis, IN 46202-4800  
317 630-7716

*Length:* 2 Year(s) *Total Positions:* 18**Program ID:** 141-17-21-185**Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*

Richard W Campbell, MD  
Methodist Hospital of Indiana Dept of Internal Medicine  
I-65/21st St  
PO Box 1367  
Indianapolis, IN 46206-1367  
317 929-8556

*Length:* 3 Year(s) *Total Positions:* 3**Program ID:** 141-17-11-135**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Richard E Kerber, MD  
University of Iowa Hospitals and Clinic  
4207 RCP  
Iowa City, IA 52242-1009  
319 356-2739

*Length:* 3 Year(s) *Total Positions:* 17**Program ID:** 141-18-21-112**Kansas****Kansas City****University of Kansas Medical Center Program**University of Kansas School of Medicine  
University of Kansas Medical Center*Program Director:*

Steven B Gollub, MD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7378  
913 588-6015

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 141-19-21-137**Kentucky****Lexington****University of Kentucky Medical Center Program**University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)*Program Director:*

Mikel D Smith, MD  
University Hospital-Albert B Chandler Medical Center  
Dept of Cardiology  
800 Rose St  
Lexington, KY 40536-0084  
606 323-5479

*Length:* 3 Year(s) *Total Positions:* 12**Program ID:** 141-20-21-213**Louisville****University of Louisville Program**University of Louisville School of Medicine  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)*Program Director:*

Stephen G Wagner, MD  
Univ of Louisville Schl of Med  
530 S Jackson  
Louisville, KY 40292  
502 852-7959

*Length:* 3 Year(s) *Total Positions:* 13**Program ID:** 141-20-31-215**Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation

*Program Director:*

Joseph P Murgo, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4035

*Length:* 2 Year(s) *Total Positions:* 25**Program ID:** 141-21-22-123**Louisiana State University Program**Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus*Program Director:*

Gary E Sander, MD PhD  
Louisiana State University Medical School  
Dept of Med Sect of Cardiology  
1542 Tulane Ave Rm 437  
New Orleans, LA 70112-2882  
504 568-5845

*Length:* 3 Year(s) *Total Positions:* 12**Program ID:** 141-21-21-246**Tulane University Program**Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane  
DivisionTulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New Orleans)*Program Director:*

Andrew J Buda, MD  
Tulane Medical Center  
1430 Tulane Ave SL-48  
New Orleans, LA 70112-2699  
504 588-5152

*Length:* 3 Year(s) *Total Positions:* 16**Program ID:** 141-21-21-130**Shreveport****Louisiana State University (Shreveport) Program**Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center*Program Director:*

Henry G Hanley, MD  
Louisiana State University Medical Center  
Medical Educ Dept (Cardiology)  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-5940

*Length:* 3 Year(s) *Total Positions:* 10**Program ID:** 141-21-21-078**Maine****Portland****Maine Medical Center Program**

Maine Medical Center

*Program Director:*

Costas T Lambrew, MD  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102  
207 871-2413

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 141-22-11-092**Maryland****Baltimore****Johns Hopkins University Program**Johns Hopkins University School of Medicine  
Johns Hopkins Hospital*Program Director:*

Kenneth L Baughman, MD  
Johns Hopkins Hospital Div of Cardiology  
600 N Wolfe St Halsted 500  
Baltimore, MD 21287  
410 955-5997

*Length:* 3 Year(s) *Total Positions:* 33**Program ID:** 141-23-11-093**University of Maryland Program**University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)*Program Director:*

Gary D Plotnick, MD  
University of Maryland Medical Center  
Div of Cardiology  
22 S Greene St  
Baltimore, MD 21201-1595  
410 328-4394

*Length:* 2 Year(s) *Total Positions:* 15**Program ID:** 141-23-21-049

\* Updated information not provided.

## Bethesda

### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)

*Program Director:*

David W Ferguson, MD  
National Naval Medical Center  
Cardiology Div  
8901 Wisconsin Ave  
Bethesda, MD 20889-5600  
202 295-4500

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 141-23-11-186

## Massachusetts

### Boston

#### Beth Israel Hospital Program

Beth Israel Hospital

*Program Director:*

James P Morgan, MD PhD  
Beth Israel Hospital Div of Cardiology  
330 Brookline Ave  
Boston, MA 02215-5491  
617 735-2191

*Length:* 3 Year(s) *Total Positions:* 17

*Program ID:* 141-24-21-006

#### Boston University Program\*

Boston University School of Medicine  
Boston City Hospital  
Boston University Medical Center-University Hospital

*Program Director:*

Thomas Ryan, MD  
Boston University Medical Center  
Section of Cardiology  
88 E Newton St  
Boston, MA 02118  
617 638-8710

*Length:* 2 Year(s) *Total Positions:* 15

*Program ID:* 141-24-21-187

#### Brigham and Women's Hospital Program 1

Brigham and Women's Hospital

*Program Director:*

Thomas W Smith, MD  
Brigham and Women's Hospital Dept of Medicine  
75 Francis St  
Boston, MA 02115  
617 732-7144

*Length:* 2 Year(s) *Total Positions:* 27

*Program ID:* 141-24-21-007

#### Brigham and Women's Hospital Program 2

Brigham and Women's Hospital

*Program Director:*

Thomas B Graboys, MD  
Lown Cardiovascular Center  
21 Longwood Ave  
Brookline, MA 02146  
617 732-1318

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 141-24-21-008

#### Brigham and Women's Hospital Program 3\*

Brigham and Women's Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center

*Program Director:*

Director Residency Training,  
Veterans Administration Medical Center Dept of  
Medicine  
1400 VFW Pkwy  
Brockton, MA 02132  
617 323-7700

*Length:* 2 Year(s)

*Program ID:* 141-24-21-009

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Arthur E Weyman, MD  
Tim Eagle, MD  
Massachusetts General Hospital  
Cardiac Unit  
32 Fruit St  
Boston, MA 02114  
617 726-2888

*Length:* 3 Year(s) *Total Positions:* 52

*Program ID:* 141-24-11-079

#### New England Deaconess Hospital Program 1

New England Deaconess Hospital

*Program Director:*

Michael T Johnstone, MD  
New England Deaconess Hospital  
Cardiology Div-Deaconess 3  
185 Pilgrim Rd  
Boston, MA 02215  
617 732-8951

*Length:* 3 Year(s) *Total Positions:* 12

*Program ID:* 141-24-21-221

#### New England Medical Center Hospitals Program\*

New England Medical Center Hospitals

*Program Director:*

Deeb Salem, MD  
New England Medical Center  
171 Harrison Ave  
Boston, MA 02111  
617 956-5604

*Length:* 2 Year(s)

*Program ID:* 141-24-21-010

#### St Elizabeth's Medical Center of Boston Program

St Elizabeth's Medical Center of Boston

*Program Director:*

Bernard D Kosowsky, MD  
St Elizabeth's Medical Center  
736 Cambridge St  
Boston, MA 02135  
617 789-2000

*Length:* 3 Year(s) *Total Positions:* 11

*Program ID:* 141-24-21-063

## Burlington

#### New England Deaconess Hospital Program 2

Lahey Clinic

*Program Director:*

Sherif B Labib, MD  
Michael Lauer, MD  
Lahey Clinic Foundation  
41 Mall Rd  
Burlington, MA 01805  
617 273-8460

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-24-21-222

## Springfield

#### Baystate Medical Center Program

Baystate Medical Center

*Program Director:*

James B Kirchhoffer, MD  
Baystate Medical Center  
Div of Cardiology  
759 Chestnut St  
Springfield, MA 01199  
413 784-4490

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 141-24-11-095

## Worcester

#### St Vincent Hospital Program

St Vincent Hospital  
University of Massachusetts Medical Center

*Program Director:*

David H Spodick, MD  
St Vincent Hospital  
25 Winthrop St  
Worcester, MA 01604  
508 798-6162

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-24-21-239

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*

Gerard Aurigemma, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Cardiovascular Div  
Worcester, MA 01655  
508 856-3064

*Length:* 3 Year(s) *Total Positions:* 18

*Program ID:* 141-24-21-011

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Mark R Starling, MD  
University of Michigan Hospitals  
1500 E Medical Ctr Dr 3910 Taubman  
Ann Arbor, MI 48109-0366  
313 761-7978

*Length:* 3 Year(s) *Total Positions:* 24

*Program ID:* 141-25-21-096

## Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Howard S Rosman, MD  
Henry Ford Hospital  
Internal Medicine/Cardiovasc Dis  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2871

*Length:* 3 Year(s) *Total Positions:* 17

*Program ID:* 141-25-11-164

\* Updated information not provided.

**Sinai Hospital Program**

Sinai Hospital

*Program Director:*

Stephen J Guthrie, MD  
Sinai Hospital  
Medical Staff Office  
6767 W Outer Dr  
Detroit, MI 48235-2899  
313 493-5780

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 141-25-11-064**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Paul E Ruble, MD  
Harper Hospital Div of Cardiology  
3990 John R (8 Webber Core)  
Detroit, MI 48201  
313 745-2635

*Length:* 2 Year(s) *Total Positions:* 16**Program ID:** 141-25-21-057**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Robert D Safian, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-5420

*Length:* 3 Year(s) *Total Positions:* 12**Program ID:** 141-25-12-216**Southfield****Providence Hospital Program**

Providence Hospital

*Program Director:*

Wolf F C Duvernoy, MD  
Providence Hospital  
16001 W Nine Mile Rd  
Southfield, MI 48075  
810 424-3216

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 141-25-11-214**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Jay N Cohn, MD  
University of Minnesota  
Cardiovascular Div  
420 Delaware St SE  
Minneapolis, MN 55455  
612 625-3939

*Length:* 3 Year(s) *Total Positions:* 22**Program ID:** 141-26-21-139**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Rick A Nishimura, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3126

*Length:* 3 Year(s) *Total Positions:* 29**Program ID:** 141-26-21-066**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Patrick H Lehan, MD  
Div of Cardiovascular Diseases  
University Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5630

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 141-27-21-097**Missouri****Columbia****University of Missouri-Columbia Program\***

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Karl T Weber, MD  
Div of Cardiology  
University of Missouri-Columbia  
MA432 Health Sciences Ctr  
Columbia, MO 65212  
314 882-2285

*Length:* 3 Year(s) *Total Positions:* 21**Program ID:** 141-28-21-098**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

Alan D Forker, MD  
Univ of Missouri-Kansas City School of Medicine  
2411 Holmes St  
Dept of Cardiology 5th Fl  
Kansas City, MO 64108  
816 566-4073

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 141-28-31-140**St Louis****Barnes Hospital Group Program**

Barnes Hospital

*Program Director:*

Michael E Cain, MD  
Washington University Cardiovascular Div  
Campus Box 8086  
660 S Euclid  
St Louis, MO 63110  
314 362-8902

*Length:* 3 Year(s) *Total Positions:* 36**Program ID:** 141-28-21-188**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Bernard R Chaitman, MD  
St Louis University Medical Center  
Div of Cardiology  
3635 Vista Ave at Grand Blvd  
St Louis, MO 63110-0250  
314 577-8890

*Length:* 2 Year(s) *Total Positions:* 19**Program ID:** 141-28-21-108**St Luke's Hospital Program\***

St Luke's Hospital  
St Louis Regional Medical Center  
University of Missouri-Columbia School of Medicine

*Program Director:*

Scott A Brodardick, MD  
Daniel B Bauwens, MD  
St Luke's Hospital Dept of Cardiology  
222 S Woods Mill Rd Ste 510 N  
Chesterfield, MO 63017  
314 434-8016

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 141-28-21-109**Washington University Program**

Jewish Hospital of St Louis

*Program Director:*

Michael W Rich, MD  
Jewish Hospital of St Louis at Washington University  
Div of Cardiology  
216 S Kingshighway  
St Louis, MO 63110  
314 454-8097

*Length:* 3 Year(s) *Total Positions:* 20**Program ID:** 141-28-21-189**Nebraska****Omaha****Creighton University Program**

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

Syed M Mohiuddin, MD  
Creighton University Cardiac Center  
3006 Webster St  
Omaha, NE 68131-2044  
402 280-4566

*Length:* 2 Year(s) *Total Positions:* 9**Program ID:** 141-30-21-190

\* Updated information not provided.



## University of Nebraska Program

University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

William W Barrington, MD  
University of Nebraska Medical Center  
600 S 42nd St  
Omaha, NE 68198-2265  
402 559-8853

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 141-30-21-191

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital

*Program Director:*

Douglas H James, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756  
603 650-6009

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 141-32-21-178

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center

*Program Director:*

Harvey L Waxman, MD  
Cooper Hospital-University Medical Center  
One Cooper Plaza Rm 404  
Camden, NJ 08103-1505  
609 342-2604

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 141-33-21-240

### Hackensack

#### UMDNJ-New Jersey Medical School (Hackensack) Program

Hackensack Medical Center

*Program Director:*

Milton M Wiener, MD  
Hackensack Medical Center  
30 Prospect Ave  
Hackensack, NJ 07601  
201 996-2310

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 141-33-11-012

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

*Program Director:*

Bunyad Haider, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave  
Newark, NJ 07103-2714  
201 982-4731

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 141-33-21-237

## Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Deborah Heart and Lung Center  
Robert Wood Johnson University Hospital

*Program Director:*

Abel E Moreyra, MD  
UMDNJ-Robert Wood Johnson Med Sch Dept of Medicine  
One Robert Wood Johnson Pl CN19  
New Brunswick, NJ 08903-0019  
908 235-7851

*Length:* 3 Year(s) *Total Positions:* 10  
**Program ID:** 141-33-21-029

## South Orange

#### Seton Hall University School of Graduate Medical Education (Jersey City) Program

Seton Hall University School of Graduate Medical Education

Jersey City Medical Center

*Program Director:*

Anthony N Damato, MD  
Jersey City Medical Center  
50 Baldwin Ave  
Jersey City, NJ 07304  
201 915-2430

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 141-33-21-203

#### Seton Hall University School of Graduate Medical Education Program

Seton Hall University School of Graduate Medical Education

St Joseph's Hospital and Medical Center

*Program Director:*

Rita M Watson, MD  
St Elizabeth Hospital  
225 Williamson St  
Elizabeth, NJ 07207  
908 527-5041

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 141-33-11-223

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
Lovelace Medical Center  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Michael H Crawford, MD  
School of Medicine  
Division of Cardiology  
2211 Lomas NE  
Albuquerque, NM 87131-5271  
505 272-6020

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 141-34-21-165

## New York

### Albany

#### Albany Medical Center Program\*

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Theodore L Biddle, MD  
Albany Medical College Div of Cardiology (A-44)  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 445-5203

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 141-35-31-030

### Bronx

#### Albert Einstein College of Medicine (East Campus) Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

Peter M Buttrick, MD  
1300 Morris Park Ave  
Bronx, NY 10461  
718 430-3336

*Length:* 3 Year(s) *Total Positions:* 13  
**Program ID:** 141-35-21-142

#### Albert Einstein College of Medicine (West Campus) Program

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses Division

*Program Director:*

Peter M Buttrick, MD  
Montefiore Medical Center  
Div of Cardiology  
111 E 210th St  
Bronx, NY 10467  
718 920-4125

*Length:* 3 Year(s) *Total Positions:* 15  
**Program ID:** 141-35-21-124

#### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center  
Albert Einstein College of Medicine of Yeshiva University

*Program Director:*

Edward J Brown Jr, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 518-5222

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 141-35-11-125

### Brooklyn

#### Brooklyn Hospital Center Program

Brooklyn Hospital Center

*Program Director:*

Kenneth Ong, MD  
The Brooklyn Hospital Center  
Division of Cardiology  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 250-8265

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 141-35-12-166

\* Updated information not provided.

**Coney Island Hospital Program**

Coney Island Hospital  
*Program Director:*  
 Ernst Greif, MD  
 Coney Island Hospital  
 2601 Ocean Pkwy  
 Brooklyn, NY 11235  
 718 615-4255  
*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 141-95-11-207

**Interfaith Medical Center Program**

Interfaith Medical Center  
 St Luke's-Roosevelt Hospital Center  
*Program Director:*  
 Sanford Leff, MD  
 Interfaith Medical Center  
 555 Prospect Pl  
 Brooklyn, NY 11238  
 718 935-7511  
*Length:* 3 Year(s) *Total Positions:* 4  
*Program ID:* 141-95-21-224

**Long Island College Hospital Program\***

Long Island College Hospital  
 Woodhull Medical and Mental Health Center  
*Program Director:*  
 Terrence J Sacchi, MD  
 Long Island College Hospital Dept of Medicine  
 340 Henry St  
 Brooklyn, NY 11201  
 718 833-3692  
*Length:* 3 Year(s)  
*Program ID:* 141-95-11-032

**Maimonides Medical Center Program**

Maimonides Medical Center  
*Program Director:*  
 Gerald Hollander, MD  
 Maimonides Medical Center  
 Cardiology Div  
 4802 Tenth Ave  
 Brooklyn, NY 11219  
 718 283-7489  
*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 141-95-11-192

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
 Brookdale Hospital Medical Center  
 Kings County Hospital Center  
 University Hospital-SUNY Health Science Center at Brooklyn  
 Veterans Affairs Medical Center (Brooklyn)  
*Program Director:*  
 Richard A Stein, MD  
 SUNY Health Science Center at Brooklyn  
 450 Clarkson Ave  
 Box 1199  
 Brooklyn, NY 11203  
 718 270-1568  
*Length:* 3 Year(s) *Total Positions:* 17  
*Program ID:* 141-95-21-013

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
 Buffalo General Hospital  
 Erie County Medical Center  
 Millard Fillmore Hospitals  
 Veterans Affairs Medical Center (Buffalo)

*Program Director:*  
 Avery K Ellis, MD PhD  
 VA Medical Center  
 Dept of Medicine (111)  
 3495 Bailey Ave  
 Buffalo, NY 14215  
 716 862-3603  
*Length:* 3 Year(s) *Total Positions:* 15  
*Program ID:* 141-95-31-051

**East Meadow****SUNY at Stony Brook (East Meadow) Program**

Nassau County Medical Center  
 Winthrop-University Hospital  
*Program Director:*  
 Arnold R Conrad, MD  
 Div of Cardiology  
 Nassau County Medical Center  
 2201 Hempstead Trnprk  
 East Meadow, NY 11554  
 516 572-8781  
*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 141-95-21-113

**Jamaica****Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
 Catholic Medical Center (Mary Immaculate Hospital)  
 Catholic Medical Center (St John's Queens Hospital)  
 New York Hospital  
*Program Director:*  
 Bernard H Boal, MD  
 Catholic Med Ctr of Brooklyn and Queens  
 88-25 153rd St  
 Jamaica, NY 11432  
 718 667-7208  
*Length:* 3 Year(s) *Total Positions:* 7  
*Program ID:* 141-95-22-059

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital  
*Program Director:*  
 Stanley Katz, MD  
 North Shore University Hospital  
 Dept of Medicine  
 Manhasset, NY 11030  
 516 562-4100  
*Length:* 3 Year(s) *Total Positions:* 13  
*Program ID:* 141-95-21-201

**Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital  
*Program Director:*  
 Richard M Steingart, MD  
 Winthrop-University Hospital  
 259 First St  
 Mineola, NY 11501  
 516 663-2046  
*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 141-95-11-100

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
*Program Director:*  
 Monty M Bodenheimer, MD  
 Long Island Jewish Medical Center  
 270-05 76th Avenue  
 New Hyde Park, NY 11040  
 718 470-7331  
*Length:* 3 Year(s) *Total Positions:* 10  
*Program ID:* 141-95-21-167

**New York****Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center  
*Program Director:*  
 Steven F Horowitz, MD  
 Div of Cardiology  
 Beth Israel Medical Center  
 16th St at First Ave  
 New York, NY 10003  
 212 420-4560  
*Length:* 3 Year(s) *Total Positions:* 5  
*Program ID:* 141-95-11-080

**Harlem Hospital Center Program\***

Harlem Hospital Center  
*Program Director:*  
 Director Residency Training,  
 Harlem Hospital Center  
 506 Lenox Ave at 135th St  
 New York, NY 10037  
 212 939-4701  
*Length:* 3 Year(s) *Total Positions:* 11  
*Program ID:* 141-95-11-206

**Lenox Hill Hospital Program**

Lenox Hill Hospital  
*Program Director:*  
 Nicholas P Depasquale, MD  
 100 E 77th St  
 New York, NY 10021-1883  
 212 434-2170  
*Length:* 3 Year(s) *Total Positions:* 10  
*Program ID:* 141-95-11-231

**Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
 Elmhurst Hospital Center-Mount Sinai Services  
*Program Director:*  
 John E Madias, MD  
 Elmhurst Hospital Center  
 79-01 Broadway  
 Elmhurst, NY 11373  
 718 334-5005  
*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 141-95-11-141

\* Updated information not provided.

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*  
Andrew R Marks, MD  
Mount Sinai Hospital  
Div of Cardiology Box 1030  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-0309

*Length:* 3 Year(s) *Total Positions:* 21  
**Program ID:** 141-35-31-193

**Mount Sinai School of Medicine Program 2\***

Mount Sinai School of Medicine  
Englewood Hospital  
Mount Sinai Medical Center  
Queens Hospital Center

*Program Director:*  
Louis Evan Teichholz, MD  
The Mount Sinai Medical Center  
Div of Cardiology  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-5836

*Length:* 3 Year(s)  
**Program ID:** 141-35-31-257

**New York Hospital/Cornell Medical Center Program**

New York Hospital

*Program Director:*  
Stephen Scheidt, MD  
Div of Cardiology  
New York Hospital/Cornell Med Ctr  
525 E 68th St  
New York, NY 10021  
212 746-2150

*Length:* 2 Year(s) *Total Positions:* 20  
**Program ID:** 141-35-21-202

**New York University Medical Center (Veterans) Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*  
Steven Sedlis, MD  
Dept of Veterans Affairs Medical Center (Manhattan)  
423 E 23rd St  
New York, NY 10010  
212 951-3335

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 141-35-21-144

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*  
Arthur C Fox, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6405

*Length:* 2 Year(s) *Total Positions:* 13  
**Program ID:** 141-35-21-143

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*  
Paul J Cannon, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032  
212 305-9052

*Length:* 3 Year(s) *Total Positions:* 14  
**Program ID:** 141-35-11-081

**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
Miles J Schwartz, MD  
St Luke's-Roosevelt Hospital Center  
Div of Cardiology  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-4007

*Length:* 3 Year(s) *Total Positions:* 13  
**Program ID:** 141-35-21-251

**Rochester**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*  
William B Hood Jr, MD  
Strong Memorial Hospital  
Cardiology Box 679  
601 Elmwood Ave  
Rochester, NY 14642-8679  
716 275-7736

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 141-35-11-232

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*  
Peter F Cohn, MD  
Dept of Med Div of Cardiology  
SUNY at Stony Brook  
Health Sciences Center (T-17-020)  
Stony Brook, NY 11794-8171  
516 444-1060

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 141-35-21-014

**Syracuse**

**SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse  
Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*  
Harold Smulyan, MD  
Dept of Medicine  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-5663

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 141-35-21-128

**Valhalla**

**New York Medical College (Cabrini) Program**

New York Medical College  
Cabrini Medical Center  
St Vincent's Hospital and Medical Center of New York

*Program Director:*  
Philip Varriale, MD  
Cabrini Medical Center  
227 E 19th St  
New York, NY 10003  
212 995-6124

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 141-35-31-114

**New York Medical College (Metropolitan) Program\***

New York Medical College  
Metropolitan Hospital Center  
Westchester County Medical Center

*Program Director:*  
George Bousvaros, MD  
Metropolitan Hospital Center  
1901 First Ave  
New York, NY 10029  
212 230-6820

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 141-35-31-067

**New York Medical College (Our Lady of Mercy) Program**

New York Medical College  
Our Lady of Mercy Medical Center  
Westchester County Medical Center

*Program Director:*  
Salvatore Chiaramida, MD  
Our Lady of Mercy Medical Center  
600 E 233rd St  
Bronx, NY 10466  
718 920-9168

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 141-35-21-101

**New York Medical College (Richmond) Program**

New York Medical College  
St Vincent's Medical Center of Richmond

*Program Director:*  
Richard S Grodman, MD  
St Vincent's Medical Center of Richmond  
335 Bard Ave  
Staten Island, NY 10310-1699  
718 876-4642

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 141-35-11-170

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*  
James T Mazzaara, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St  
New York, NY 10011  
212 604-2224

*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID:** 141-35-11-033

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Westchester County Medical Center

*Program Director:*  
Mevin B Weiss, MD  
Westchester County Medical Center  
Div of Cardiology  
Valhalla, NY 10595  
914 285-8816

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 141-35-11-015

\* Updated information not provided.

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
*Program Director:*  
 Park W Willis, MD  
 University of North Carolina School of Medicine  
 Div of Cardiology  
 C B 7075 349 Burnett-Womack Bldg  
 Chapel Hill, NC 27599-7075  
 919 966-5205  
*Length: 3 Year(s) Total Positions: 10*  
**Program ID: 141-36-21-171**

### Durham

#### Duke University Program

Duke University Medical Center  
*Program Director:*  
 Gary L Stiles, MD  
 Duke University Medical Center  
 Box 3681  
 Durham, NC 27710  
 919 681-6000  
*Length: 3 Year(s) Total Positions: 46*  
**Program ID: 141-36-21-172**

### Greenville

#### East Carolina University Program

East Carolina University School of Medicine  
 Pitt County Memorial Hospital  
*Program Director:*  
 Harry J DeAntonio, DO  
 Pitt County Memorial Hospital  
 East Carolina Univ Sch of Med  
 Dept of Med/Cardiology PCMH-TA 378  
 Greenville, NC 27858-4354  
 919 816-4651  
*Length: 3 Year(s) Total Positions: 6*  
**Program ID: 141-36-11-245**

### Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital  
*Program Director:*  
 Robert J Applegate, MD  
 Bowman Gray School of Medicine  
 Section on Cardiology  
 Medical Center Blvd  
 Winston-Salem, NC 27157-1045  
 919 716-2718  
*Length: 3 Year(s) Total Positions: 14*  
**Program ID: 141-36-21-016**

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
 Veterans Affairs Medical Center (Cincinnati)  
*Program Director:*  
 Richard A Walsh, MD  
 University of Cincinnati  
 231 Bethesda Ave  
 ML 542  
 Cincinnati, OH 45267-0542  
 513 558-4721  
*Length: 3 Year(s) Total Positions: 12*  
**Program ID: 141-38-21-102**

### Cleveland

#### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center  
 Mount Sinai Medical Center of Cleveland  
*Program Director:*  
 Robert C Bahler, MD  
 MetroHealth Medical Center  
 Div of Cardiology  
 2500 MetroHealth Dr  
 Cleveland, OH 44109-1998  
 216 459-3875  
*Length: 2 Year(s) Total Positions: 14*  
**Program ID: 141-38-11-196**

#### Case Western Reserve University Program

University Hospitals of Cleveland  
 Veterans Affairs Medical Center (Cleveland)  
*Program Director:*  
 Lee A Biblo, MD  
 Div of Cardiology  
 University Hospitals of Cleveland  
 11100 Euclid Ave  
 Cleveland, OH 44106-5038  
 216 844-7692  
*Length: 3 Year(s) Total Positions: 12*  
**Program ID: 141-38-21-194**

#### Cleveland Clinic Foundation/St Vincent Charity Hospital Program

Cleveland Clinic Foundation  
*Program Director:*  
 Brian Griffin, MD  
 Cleveland Clinic Foundation  
 Dept of Cardiovascular Diseases  
 9500 Euclid Ave TT32  
 Cleveland, OH 44195-5242  
 216 444-5690  
*Length: 2 Year(s) Total Positions: 41*  
**Program ID: 141-38-12-197**

### Columbus

#### Ohio State University Program

Ohio State University Medical Center  
*Program Director:*  
 Albert J Kolibash Jr, MD  
 The Ohio State University Hospitals  
 1654 Upham Dr 631 Means Hall  
 Columbus, OH 43210-1228  
 614 293-8962  
*Length: 3 Year(s) Total Positions: 14*  
**Program ID: 141-38-11-179**

## Dayton

### Wright State University Program

Wright State University School of Medicine  
 Good Samaritan Hospital and Health Center  
 Veterans Affairs Medical Center (Dayton)  
*Program Director:*  
 Mohsen Sakhai, MD  
 Good Samaritan Hospital Medical Education  
 2222 Philadelphia Dr  
 Dayton, OH 45406  
 513 278-2612  
*Length: 3 Year(s) Total Positions: 6*  
**Program ID: 141-38-21-217**

## Toledo

### Medical College of Ohio at Toledo Program\*

Medical College of Ohio Hospital  
 Toledo Hospital  
*Program Director:*  
 Theodore D Fraker, MD  
 Medical College of Ohio at Toledo  
 C S #10008 Dept of Medicine  
 Toledo, OH 43699  
 419 381-3697  
*Length: 3 Year(s) Total Positions: 6*  
**Program ID: 141-38-21-068**

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
 University Hospital and Clinics  
 Veterans Affairs Medical Center (Oklahoma City)  
*Program Director:*  
 Dwight W Reynolds, MD  
 University of Oklahoma Health Sciences Center  
 PO Box 26901  
 5SP-300  
 Oklahoma City, OK 73190  
 405 271-4742  
*Length: 2 Year(s) Total Positions: 19*  
**Program ID: 141-39-21-103**

## Oregon

### Portland

#### Oregon Health Sciences University Program\*

Oregon Health Sciences University Hospital  
 Veterans Affairs Medical Center (Portland)  
*Program Director:*  
 Edward S Murphy, MD  
 3181 SW Sam Jackson Park Rd/LA62  
 Portland, OR 97201-3098  
 503 494-8750  
*Length: 3 Year(s) Total Positions: 7*  
**Program ID: 141-40-31-198**

\* Updated information not provided.

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

Ellen K Smith, MD  
Geisinger Medical Center  
100 N Academy Ave  
Danville, PA 17822  
717 271-8053

*Length:* 3 Year(s) *Total Positions:* 9

*Program ID:* 141-41-11-173

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program\*

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Joseph A Gascho, MD  
Div of Cardiology  
Milton S Hershey Medical Center  
PO Box 850  
Hershey, PA 17033  
717 531-8407

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 141-41-11-017

### Philadelphia

#### Albert Einstein Medical Center Program

Albert Einstein Medical Center

*Program Director:*

Morris N Kotler, MD  
Klein Professional Bldg Suite 363  
Albert Einstein Medical Center  
5401 Old York Rd  
Philadelphia, PA 19141-3098  
215 456-7266

*Length:* 3 Year(s) *Total Positions:* 13

*Program ID:* 141-41-11-082

#### Episcopal Hospital Program

Episcopal Hospital

*Program Director:*

Vidya S Banka, MD  
Episcopal Hospital  
100 E Lehigh Ave  
MAB Ste 305  
Philadelphia, PA 19125-1098  
215 427-7247

*Length:* 3 Year(s) *Total Positions:* 11

*Program ID:* 141-41-11-052

#### Graduate Hospital Program

Graduate Hospital

*Program Director:*

Thomas H Kreulen, MD  
Graduate Hospital  
Pepper Pavilion Ste 101  
Philadelphia, PA 19146-1497  
215 893-2495

*Length:* 3 Year(s) *Total Positions:* 9

*Program ID:* 141-41-11-174

#### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital

*Program Director:*

Eric L Michelson, MD  
Hahnemann University  
Broad & Vine Sts  
Mail Stop 313  
Philadelphia, PA 19102-1192  
215 762-8258

*Length:* 3 Year(s) *Total Positions:* 20

*Program ID:* 141-41-21-281

#### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital

*Program Director:*

Steven G Meister, MD  
Medical College of Pennsylvania Hospital  
Dept of Cardiology  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6995

*Length:* 3 Year(s) *Total Positions:* 14

*Program ID:* 141-41-21-145

#### Presbyterian Medical Center of Philadelphia Program

Presbyterian Medical Center of Philadelphia

*Program Director:*

Steven J Nierenberg, MD  
Presbyterian Medical Center of Philadelphia  
39th & Market Sts  
Philadelphia, PA 19104  
215 662-9086

*Length:* 3 Year(s) *Total Positions:* 15

*Program ID:* 141-41-11-146

#### Temple University Program

Temple University Hospital

*Program Director:*

Alfred A Bove, MD  
Temple University Hospital Dept of Medicine  
Cardiology Section  
3401 N Broad St  
Philadelphia, PA 19140  
215 707-3346

*Length:* 2 Year(s) *Total Positions:* 13

*Program ID:* 141-41-21-036

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Arnold J Greenspon, MD  
Thomas Jefferson University Hospital  
111 S 11th St  
Room 5360  
Philadelphia, PA 19107  
215 955-8659

*Length:* 2 Year(s) *Total Positions:* 16

*Program ID:* 141-41-21-037

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Martin G St John Sutton, MD  
Hospital of the University of Pennsylvania  
Cardiovascular Div 9 Gates  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 662-2285

*Length:* 2 Year(s) *Total Positions:* 23

*Program ID:* 141-41-21-023

### Pittsburgh

#### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Nathaniel Reichel, MD  
Div of Cardiology  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 358-8700

*Length:* 3 Year(s) *Total Positions:* 14

*Program ID:* 141-41-11-053

#### Shadyside Hospital Program

Shadyside Hospital

*Program Director:*

Robert J Ruffner, MD  
Shadyside Hospital  
5230 Centre Ave  
Pittsburgh, PA 15232  
412 623-2296

*Length:* 3 Year(s) *Total Positions:* 9

*Program ID:* 141-41-22-069

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

James A Shaver, MD  
Presbyterian Univ Hosp  
Rm F-753  
DeSoto at O'Hara St  
Pittsburgh, PA 15213  
412 647-3429

*Length:* 3 Year(s) *Total Positions:* 22

*Program ID:* 141-41-21-054

#### Western Pennsylvania Hospital Program

Western Pennsylvania Hospital

*Program Director:*

Alan H Gradman, MD  
Western Pennsylvania Hospital  
4800 Friendship Ave  
Ste 3411 N Tower  
Pittsburgh, PA 15224  
412 578-6934

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-41-11-083

### Sayre

#### Guthrie Healthcare System Program

Robert Packer Hospital

*Program Director:*

John L Wanamaker, MD  
Robert Packer Hospital  
Guthrie Sq  
Sayre, PA 18840  
717 882-4537

*Length:* 3 Year(s) *Total Positions:* 2

*Program ID:* 141-41-21-249

### Wynnewood

#### Lankenau Hospital Program\*

Lankenau Hospital

*Program Director:*

James F Burke, MD  
Lankenau Hospital Div of Cardiovascular Disease  
100 Lancaster Ave W City Line  
Rm 128 Medical Research Bldg  
Wynnewood, PA 19096  
215 645-2682

*Length:* 3 Year(s) *Total Positions:* 12

*Program ID:* 141-41-11-035

\* Updated information not provided.

**Puerto Rico****Ponce****Hospital de Damas Program**

Hospital de Damas  
Hospital San Lucas

**Program Director:**

Felix Cortes, MD  
Edif Parra Suite 407

Ponce Bypass  
Ponce, PR 00731  
809 840-8686

*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID:** 141-42-11-117

**Rio Piedras****San Juan City Hospital Program**

San Juan City Hospital  
University of Puerto Rico School of Medicine

**Program Director:**

Jorge E Lugo-Rodriguez, MD  
San Juan City Hospital  
PO Box 21405

Rio Piedras, PR 00928  
809 766-2222

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 141-42-11-118

**San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
University Hospital

**Program Director:**

Mario R Garcia-Palmieri, MD  
University Hospital Puerto Rico Medical Center  
Box 5067

San Juan, PR 00935  
809 758-2525

*Length:* 3 Year(s)  
**Program ID:** 141-42-21-148

**Veterans Affairs Medical and Regional Office Center Program**

Veterans Affairs Medical Center (San Juan)

**Program Director:**

Edgardo Hernandez-Lopez, MD  
Cardiology Section

VA Medical Center  
One Veterans Plaza

San Juan, PR 00927-5800  
809 766-6520

*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID:** 141-42-31-147

**Rhode Island****Providence****Brown University (Roger Williams) Program**

Roger Williams Medical Center  
Memorial Hospital of Rhode Island  
Miriam Hospital

Veterans Affairs Medical Center (Providence)

**Program Director:**

Peter L Tilkemeier, MD  
Division of Cardiology

The Miriam Hospital  
164 Summit Ave

Providence, RI 02906  
401 331-8500

*Length:* 2 Year(s) *Total Positions:* 16  
**Program ID:** 141-43-31-055

**Brown University Program**

Rhode Island Hospital

**Program Director:**

Albert S Most, MD  
Div of Cardiology  
Rhode Island Hospital

593 Eddy St  
Providence, RI 02903  
401 444-8540

*Length:* 3 Year(s) *Total Positions:* 10  
**Program ID:** 141-43-11-149

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
MUSC Medical Center

**Program Director:**

Bruce W Usher, MD  
Medical University of South Carolina  
Cardiology Div

171 Ashley Ave.  
Charleston, SC 29425-2221

803 792-4411  
*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 141-45-21-129

**Columbia****Richland Memorial Hospital-University of South Carolina School of Medicine Program**

Richland Memorial Hospital-Univ of South Carolina Sch of Med

Williams Jennings Bryan Dorn Veterans Hospital

**Program Director:**

Christie B Hopkins, MD  
University of South Carolina/Richland Memorial Hospital  
Four Medical Park

Suite 204  
Columbia, SC 29203

803 540-1100  
*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 141-45-21-110

**Tennessee****Johnson City****East Tennessee State University Program**

James H Quillen College of Medicine  
Johnson City Medical Center Hospital  
Veterans Affairs Medical Center (Mountain Home)

**Program Director:**

John E Douglas, MD  
East Tennessee State University  
Box 70622

Johnson City, TN 37614-0622  
615 926-1171

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 141-47-21-104

**Memphis****University of Tennessee Program\***

University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

**Program Director:**

Jay M Sullivan, MD  
University of Tennessee

Dept of Medicine  
951 Court Ave Rm 353-D  
Memphis, TN 38163

901 528-5759  
*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 141-47-21-175

**Nashville****Vanderbilt University Program\***

Vanderbilt University Medical Center

**Program Director:**

Rose Marie Robertson, MD  
Vanderbilt University School of Medicine

Div of Cardiology  
CC 2218 MCN

Nashville, TN 37232-2170  
615 322-2318

*Length:* 2 Year(s) *Total Positions:* 18  
**Program ID:** 141-47-31-018\*

**Texas****Dallas****Baylor University Medical Center Program**

Baylor University Medical Center

**Program Director:**

Peter J Wells, MD FACC  
Baylor University Medical Center

3500 Gaston Ave  
Dallas, TX 75246

214 820-3639  
*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID:** 141-48-31-176

**University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

**Program Director:**

Leslie D Hillis, MD  
University of Texas Southwestern Medical Center

Cardiology Div CS7.102  
5323 Harry Hines Blvd

Dallas, TX 75235-9047  
214 648-6893

*Length:* 3 Year(s) *Total Positions:* 17  
**Program ID:** 141-48-21-119

**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center

**Program Director:**

James K Gilman, MD  
Cardiology Service

Brooke Army Medical Center  
Fort Sam Houston

San Antonio, TX 78234-6262  
210 916-9305

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 141-48-12-177

\* Updated information not provided.

## Galveston

### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Runge S Marschall, MD PhD  
University of Texas Medical Branch Rt 0553  
5.106 John Sealy Hospital 0553  
Galveston, TX 77555-0553  
409 772-1533

*Length:* 3 Year(s) *Total Positions:* 12

*Program ID:* 141-48-21-070

## Houston

### Baylor College of Medicine Program 1

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital

Methodist Hospital

Veterans Affairs Medical Center (Houston)

*Program Director:*

Robert Roberts, MD  
Baylor College of Medicine  
Methodist Hospital  
6535 Fannin MS F-905  
Houston, TX 77030  
713 790-4864

*Length:* 3 Year(s) *Total Positions:* 40

*Program ID:* 141-48-21-106

### Baylor College of Medicine Program 2

Baylor College of Medicine  
St Luke's Episcopal Hospital

*Program Director:*

Robert J Hall, MD  
St Luke's Episcopal Hospital Dept of Cardiology  
6720 Bertner Ave Rm P336  
Mail Code 1-102  
Houston, TX 77030-2604  
713 791-4135

*Length:* 3 Year(s) *Total Positions:* 20

*Program ID:* 141-48-21-120

### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
Texas Heart Institute

*Program Director:*

Deborah Wolbrette, MD  
Univ of Texas Medical School  
Dept of Medicine  
PO Box 20708  
Houston, TX 77225-0708  
713 794-4117

*Length:* 2 Year(s) *Total Positions:* 26

*Program ID:* 141-48-31-019

## Lackland AFB

### Wilford Hall USAF Medical Center Program\*

Wilford Hall USAF Medical Center (SG)

*Program Director:*

David N Pederson, MD  
Wilford Hall USAF Medical Center  
Dept of the Air Force  
Lackland AFB, TX 78236-5300  
512 670-7599

*Length:* 3 Year(s) *Total Positions:* 13

*Program ID:* 141-48-12-071

## Lubbock

### Texas Tech University (Lubbock) Program

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*

Jean H Liu, MD  
Texas Tech University Health Sciences Center at Lubbock  
Cardiology Div Internal Medicine  
3601 Fourth St  
Lubbock, TX 79430  
806 743-3177

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 141-48-21-121

## San Antonio

### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

*Program Director:*

David McCall, MD PhD  
University of Texas Health Science Center  
Dept of Medicine/Cardiology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7872  
210 567-4600

*Length:* 3 Year(s) *Total Positions:* 11

*Program ID:* 141-48-21-084

## Temple

### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital

*Program Director:*

D Scott Gantt, DO  
Texas A&M-Scott and White  
Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 141-48-21-020

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Jay W Mason, MD  
University of Utah Health Sciences Center  
Cardiology Div  
50 N Medical Dr  
Salt Lake City, UT 84132-1001  
801 581-7715

*Length:* 3 Year(s) *Total Positions:* 11

*Program ID:* 141-49-21-199

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program\*

Medical Center Hospital of Vermont

*Program Director:*

Mark Capeless, MD  
Cardiology Dept  
Med Ctr Hosp of Vermont  
Burlington, VT 05401  
802 656-3734

*Length:* 3 Year(s)

*Program ID:* 141-50-21-200

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

George A Beller, MD  
University of Virginia Hospital Dept of Medicine  
Box 158  
Charlottesville, VA 22908  
804 924-2134

*Length:* 2 Year(s) *Total Positions:* 15

*Program ID:* 141-51-21-021

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Medical College of Virginia Hospitals

*Program Director:*

David W Richardson, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980128  
Richmond, VA 23298-0128  
804 828-9989

*Length:* 2 Year(s) *Total Positions:* 18

*Program ID:* 141-51-21-022

### Roanoke

#### University of Virginia (Roanoke-Salem) Program

Carilion Health System  
Veterans Affairs Medical Center (Salem)

Community Hospital of Roanoke Valley

University of Virginia Medical Center

*Program Director:*

Douglas C Russell, MD  
Cardiology Section  
Veterans Affairs Med Ctr  
Salem, VA 24153  
703 982-2463

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 141-51-31-085

\* Updated information not provided.

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Catherine M Otto, MD  
University of Washington  
Cardiology RG-22  
1959 NE Pacific St  
Seattle, WA 98195  
206 685-1397

*Length:* 3 Year(s) *Total Positions:* 13

**Program ID:** 141-54-21-105

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center

*Program Director:*

Joseph A Paris, MD  
Cardiology Service  
Madigan Army Medical Center  
Tacoma, WA 98431-5000  
206 968-1090

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 141-54-21-252

**West Virginia****Huntington****Marshall University School of Medicine Program**

Marshall University School of Medicine  
Cabell Huntington Hospital  
Charleston Area Medical Center  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*

Richard G Stevenson, MD  
Marshall University School of Medicine  
Dept of Medicine  
1801 Sixth Ave  
Huntington, WV 25755-9410  
304 697-1166

*Length:* 3 Year(s) *Total Positions:* 11

**Program ID:** 141-55-21-038

**Morgantown****West Virginia University Program\***

West Virginia University Hospitals

*Program Director:*

Abnash C Jain, MD  
West Virginia University  
Health Sciences Center-S  
Morgantown, WV 26506-9157  
304 293-4096

*Length:* 3 Year(s) *Total Positions:* 8

**Program ID:** 141-55-11-219

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Ford Ballantyne III, MD  
University of Wisconsin Hospitals and Clinics  
600 Highland Ave Rm H6/349  
Madison, WI 53792-3248  
608 263-0891

*Length:* 3 Year(s) *Total Positions:* 11

**Program ID:** 141-56-21-150

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyne Hospital

*Program Director:*

Donald D Tresch, MD  
Medical College of Wisconsin  
8700 W Wisconsin Ave  
Box 123  
Milwaukee, WI 53226-8110  
414 257-5234

*Length:* 3 Year(s) *Total Positions:* 12

**Program ID:** 141-56-31-056

**University of Wisconsin (Milwaukee) Program**

Sinai Samaritan Medical Center

*Program Director:*

Dianne L Zwick, MD  
Sinai Samaritan Medical Center  
PO Box 342  
945 N 12th St  
Milwaukee, WI 53201-0342  
414 283-7658

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID:** 141-56-21-072

**Chemical Pathology  
(Pathology-Anatomic  
and Clinical)****Michigan****Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Elizabeth Sykes, MB BS  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-8022

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 306-25-21-008

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

John H Eckfeldt, MD PhD  
University of Minnesota Hospital  
Box 609 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455-0385  
612 626-3176

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 306-26-21-001

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

William W McLendon, MD  
Dept of Laboratories  
Univ of North Carolina Hospitals  
101 Manning Dr  
Chapel Hill, NC 27514-7600  
919 966-2317

*Length:* 1 Year(s)

**Program ID:** 306-36-21-009

**Pennsylvania****Philadelphia****Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

William Z Borer, MD  
Thomas Jefferson University Hospital  
401 Pavilion  
Philadelphia, PA 19107-4998  
215 955-2407

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 306-41-11-006

\* Updated information not provided.



## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Joseph S Amenta, MD  
Clinical Chemistry Laboratory-CLSI  
UPMC/Rm 5845 Main Tower  
200 Lothrop St  
Pittsburgh, PA 15213-2582  
412 647-6522

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 306-41-21-003

## Texas

### Houston

#### University of Texas M D Anderson Cancer Center Program

University of Texas M D Anderson Cancer Center

*Program Director:*

Frank J Liu, MD  
The University of Texas M. D. Anderson Cancer Center  
Lab Med Box 73  
1515 Holcombe Blvd  
Houston, TX 77030  
713 792-4749

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 306-48-21-004

## Virginia

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University  
Medical College of Virginia Hospitals

*Program Director:*

David Wilkinson, MD PhD  
Greg Miller, PhD  
MCV/Virginia Commonwealth Univ  
PO Box 980662  
Richmond, VA 23298-0662  
804 828-0375

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 306-51-21-002

## Child and Adolescent Psychiatry (Psychiatry)

## Alabama

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Robert H Herrick, MD  
University of South Alabama  
Dept of Psychiatry  
3421 Medical Park Dr W Ste 2  
Mobile, AL 36693  
205 660-5157

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 405-01-21-155

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
Desert Hills Center for Youth  
University Medical Center

*Program Director:*

Peter J Lusche, MD  
Dept of Psychiatry  
University of Arizona  
College of Medicine  
Tucson, AZ 85724  
602 626-6473

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 405-03-21-142

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
Arkansas State Hospital-Little Rock Hospital  
University Hospital of Arkansas

*Program Director:*

Andre P Derdeyn, MD  
University of Arkansas for Medical Sciences  
Dept of Psychiatry  
4301 W Markham St Slot 554  
Little Rock, AR 72205  
501 370-4667

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 405-04-21-146

## California

### Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

S Robert Moradi, MD  
Cedars-Sinai Medical Center  
8730 Alden Dr  
Los Angeles, CA 90048-0750  
310 855-3564

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 405-05-11-008

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Neuropsychiatric Hospital

*Program Director:*

Daniel Siegel, MD  
UCLA Neuropsychiatric Hospital  
760 Westwood Plaza  
Rm C8-887  
Los Angeles, CA 90024-1759  
310 825-0079

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 405-05-12-012

#### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Sidney Russak, MD PhD  
Psychiatric Hospital  
Los Angeles Cnty-USC Med Ctr  
1937 Hospital Pl  
Los Angeles, CA 90033  
213 226-5288

*Length:* 2 Year(s) *Total Positions:* 17

*Program ID:* 405-05-11-010

## Napa

#### Napa State Hospital Program

Napa State Hospital

*Program Director:*

Edwin P Brennan, MD  
Napa State Hospital  
2100 Napa-Vallejo Hwy  
Napa, CA 94558-6293  
707 253-5661

*Length:* 2 Year(s)

*Program ID:* 405-05-22-006

## Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center

*Program Director:*

Justin D Call, MD  
University of California Irvine Medical Center  
101 City Dr S  
Bldg 3 Rt 88  
Orange, CA 92668  
714 456-6023

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 405-05-11-007

\* Updated information not provided.

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center  
Yolo County Mental Health Services

*Program Director:*

Kent Hart, MD  
University of California (Davis) Medical Center  
2315 Stockton Blvd  
Sacramento, CA 95817  
916 734-2614

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-05-11-005

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Children's Hospital and Health Center

*Program Director:*

Calvin A Colarusso, MD  
Dept of Psychiatry (0603)  
9500 Gilman Dr  
La Jolla, CA 92093-0603  
619 534-3684

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-05-21-014

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Graeme Hanson, MD  
Langley Porter Psychiatric Institute  
401 Parnassus Ave  
Box CAS  
San Francisco, CA 94143-0984  
415 476-7225

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-05-21-018

**Stanford****Stanford University Program\***

Stanford University Hospital

*Program Director:*

Hans Steiner, MD  
Stanford University School of Medicine  
Dept of Psychiatry  
101 Quarry Rd  
Stanford, CA 94305-5543  
415 725-5591

*Length:* 2 Year(s) *Total Positions:* 11  
*Program ID:* 405-05-21-019

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Zev Nathan, MD PhD  
Harbor-UCLA Medical Center  
1000 W Carson St Box 498  
PO Box 2910  
Torrance, CA 90509-9823  
310 222-3112

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-05-21-020

**Colorado****Denver****University of Colorado Program\***

University of Colorado Health Sciences Center

*Program Director:*

Donald W Bechtold, MD  
University of Colorado School of Medicine  
4200 E Ninth Ave Container C-259  
Denver, CO 80262  
303 270-7748

*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 405-07-11-021

**Connecticut****Farmington****Institute of Living/University of Connecticut Program**

University of Connecticut School of Medicine  
Institute of Living  
Mount Sinai Hospital  
Newington Children's Hospital  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

Kenneth S Robson, MD  
Institute of Living  
400 Washington St  
Hartford, CT 06106  
203 241-8033

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-08-21-022

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Riverview Hospital for Children

*Program Director:*

John E Schowalter, MD  
Yale University Child Study Center  
PO Box 207900  
230 S Frontage Rd  
New Haven, CT 06520-7900  
203 785-2516

*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 405-08-11-023

**District of Columbia****Washington****Children's National Medical Center Program\***

Children's National Medical Center

*Program Director:*

Kenneth E Towbin, MD  
Children's Hospital National Medical Center  
Dept of Psychiatry  
111 Michigan Ave NW  
Washington, DC 20010-2970  
202 884-5420

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-10-21-024

**Georgetown University Program**

Georgetown University Hospital

*Program Director:*

Larry B Silver, MD  
Georgetown University Hospital  
Div Child/Adolescent Psychiatry  
3800 Reservoir Rd NW  
Washington, DC 20007-2197  
202 687-8133

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-10-21-025

**Walter Reed Army Medical Center Program\***

Walter Reed Army Medical Center

*Program Director:*

John K Bartz, MD  
Walter Reed Army Medical Center  
Child & Adolescent Psychiatry Svs  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1855

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-10-12-002

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

John P Kempf, MD  
Dept of Psychiatry  
PO Box 100234 DCAP  
1600 SW Archer Rd  
Gainesville, FL 32610-0234  
904 392-3641

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-11-11-026

**Miami****University of Miami-Jackson Memorial Medical Center Program\***

University of Miami-Jackson Memorial Medical Center  
University of Miami Hospital and Clinics

*Program Director:*

Douglas Feltman, MD  
University of Miami School of Medicine  
Dept of Psychiatry D-29  
PO Box 016960  
Miami, FL 33101  
305 585-2506

*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 405-11-21-027

**Tampa****University of South Florida Program**

University of South Florida College of Medicine  
Tampa General Healthcare  
TGH University Psychiatry Center

*Program Director:*

Kallie R Shaw, MD  
University of South Florida  
3515 E Fletcher Ave  
Tampa, FL 33613  
813 972-7060

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-11-21-140

\* Updated information not provided.

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Georgia Mental Health Institute  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

Sandra Sexson, MD  
Emory University Medical School Dept of Psychiatry  
2215 Ridgewood Dr NE  
Atlanta, GA 30322  
404 727-4007

*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 405-12-21-028

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Dwight David Eisenhower Army Medical Center  
Georgia Regional Hospital at Augusta

*Program Director:*

Allan M Josephson, MD  
Medical College of Georgia  
Dept of Psychiatry  
Augusta, GA 30912-3800  
706 721-6699

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-12-21-148

## Hawaii

### Honolulu

#### University of Hawaii Program

University of Hawaii John A Burns School of Medicine  
Kapiolani Medical Center for Women and Children  
Leahi Hospital

*Program Director:*

John F McDermott Jr, MD  
University of Hawaii Dept of Psychiatry Child Psychiatry  
1319 Punahou St Rm 632  
Honolulu, HI 96826  
808 973-8375

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-14-31-029

### Tripler AMC

#### Tripler Army Medical Center Program

Tripler Army Medical Center  
Kahi Mohala Hospital

*Program Director:*

Bernard J Lee, MD  
Tripler Army Medical Center Child Psychiatry Serv  
HSHKPSC  
Honolulu, HI 96859  
808 433-6418

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-14-21-143

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center  
Northwestern Memorial Hospital

*Program Director:*

Carrie E Sylvester, MD MPH  
Children's Memorial Medical Center  
2300 Children's Plaza #10  
Chicago, IL 60614-3394  
312 880-4833

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-16-31-032

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Margery R Johnson, MD  
Rush-Presbyterian-St Luke's Medical Center  
Section of Child Psychiatry  
1720 W Polk St  
Chicago, IL 60612  
312 942-6090

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-16-21-153

#### University of Chicago Program

University of Chicago Hospitals  
HCA Chicago Lakeshore Hospital

*Program Director:*

Kathleen M Kelley, MD  
University of Chicago Hospitals  
5841 S Maryland Ave  
MC3077

Chicago, IL 60637-1470  
312 702-8310

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-16-21-034

#### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago

*Program Director:*

Geri Fox, MD  
Dept of Psychiatry (M/C 913)  
University of Illinois at Chicago  
912 S Wood St  
Chicago, IL 60612  
312 996-7721

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-16-21-030

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Gallahue Mental Health Center of Community Hospital  
Larue D Carter Memorial Hospital  
William N Wishard Memorial Hospital

*Program Director:*

Gina E Laite, MD  
Riley Hospital Indiana University Medical Center  
702 Barnhill Dr  
Indianapolis, IN 46202-5200  
317 274-4065

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-17-21-038

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Samuel Kuperman, MD  
University of Iowa Hospitals and Clinics  
Dept of Psychiatry  
200 Hawkins Dr  
Iowa City, IA 52242-1057  
319 356-1482

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-18-11-039

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Harold M Erickson Jr, MD  
University of Kansas Medical Center  
Dept of Child Psychiatry  
3901 Rainbow Blvd  
Kansas City, KS 66160-7341  
913 588-6492

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-19-11-040

### Topeka

#### Menninger School of Psychiatry Program

Menninger Clinic  
C F Menninger Memorial Hospital

*Program Director:*

Judith A Koontz, MD  
Children's Hospital-Menninger Foundation  
PO Box 829  
Topeka, KS 66601  
913 273-7500

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-19-22-041

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Charter Ridge Hospital

*Program Director:*

Robert G Aug, MD  
University of Kentucky Medical Center  
Dept of Psychiatry  
UKMC Annex 2 Rm 214  
Lexington, KY 40536-0080  
606 269-2325

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-20-21-042

\* Updated information not provided.

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Child Psychiatric Services (Bingham Child Guidance  
Clinic)

Kosair Children's Hospital (Alliant Health System)

*Program Director:*

Mohammad Shafiq, MD  
Div of Child and Adolescent Psychiatry  
Bingham Child Guidance Center  
200 E Chestnut St  
Louisville, KY 40202  
502 852-6941

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 405-20-21-043

**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

William M Easson, MD  
Louisiana State University Medical School at New  
Orleans  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-6001

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-21-21-159

**Tulane University Program**

Tulane University School of Medicine  
Tulane University Hospital and Clinics

*Program Director:*

Marc A Forman, MD  
Tulane University School of Medicine  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5401

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-21-21-045

**Maine****Portland****Maine Medical Center Program**

Maine Medical Center  
Jackson Brook Institute

*Program Director:*

Peter E Goldfine, MD  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102  
207 871-2160

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 405-22-11-046

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

John T Walkup, MD  
Children's Medical Surgical Center  
Johns Hopkins Hosp Rm 343  
Baltimore, MD 21287-3325  
410 955-7874

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 405-23-11-047

**University of Maryland Program**

University of Maryland Medical System  
Sheppard and Enoch Pratt Hospital

*Program Director:*

Richard Sarles, MD  
Div of Child and Adolescent Psychiatry  
Inst of Psychiatry & Human Behavior  
645 W Redwood St  
Baltimore, MD 21201-1549  
410 328-3522

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 405-23-21-048

**Massachusetts****Boston****Boston University Program\***

Boston City Hospital  
Charles River Hospital  
Somerville Hospital

*Program Director:*

Jonathan N Bass, MD  
Dept of Child Psychiatry Dowling I North  
Boston City Hospital  
818 Harrison Ave  
Boston, MA 02118  
617 534-5490

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 405-24-21-052

**Children's Hospital/Judge Baker  
Guidance Center Program\***

Children's Hospital  
Judge Baker Guidance Center  
Massachusetts Mental Health Center

*Program Director:*

Stuart J Goldman, MD  
Children's Hospital  
Judge Baker Children's Center  
295 Longwood Ave  
Boston, MA 02115  
617 232-8390

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 405-24-21-053

**Harvard Medical School Program**

Massachusetts General Hospital  
McLean Hospital

*Program Director:*

Eugene V Beresin, MD  
Massachusetts General Hospital  
Dept of Psychiatry Bulfinch 4  
55 Fruit St  
Boston, MA 02114  
617 726-8471

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 405-24-21-187

**New England Medical Center Hospitals  
Program**

New England Medical Center Hospitals

*Program Director:*

Joseph J Jankowski, MD  
New England Medical Center  
750 Washington St Box 39  
Boston, MA 02111  
617 956-5328

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 405-24-21-056

**Cambridge****Cambridge Hospital Program**

Cambridge Hospital  
New England Memorial Hospital

*Program Director:*

Timothy F Dugan, MD  
The Cambridge Hospital  
Dept of Psychiatry  
1493 Cambridge St  
Cambridge, MA 02139  
617 498-1216

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 405-24-21-057

**Worcester****University of Massachusetts Medical  
Center Program\***

University of Massachusetts Medical Center

*Program Director:*

W Peter Metz, MD  
University of Massachusetts Medical Center  
55 Lake Ave N 7th Fl  
Worcester, MA 01655  
508 856-5956

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 405-24-21-156

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

James E Dillon, MD  
Child & Adolescent Psychiatric Hosp  
1500 E Medical Center Dr  
3881TC/0390  
Ann Arbor, MI 48109-0390  
313 764-0245

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 405-25-11-060

**Detroit****Wayne State University/Fairlawn Center  
Program**

Wayne State University School of Medicine  
Fairlawn Center

*Program Director:*

William F Clark, MD  
Fairlawn Center  
140 Elizabeth Lake Rd  
Pontiac, MI 48341  
313 338-0361

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 405-25-11-064

\* Updated information not provided.

**Wayne State University/Hawthorn Center Hospital Program**

Wayne State University School of Medicine  
Hawthorn Center Hospital

*Program Director:*

Thomas W Uhde, MD  
9B University Health Center  
4201 St Antoine  
Detroit, MI 48201  
313 577-1808

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 405-25-11-063

**Minnesota**

**Minneapolis**

**University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Jonathan B Jensen, MD  
David Cline, MD  
University of Minnesota Medical School  
Box 95 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455  
612 626-6577

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 405-26-11-066

**Rochester**

**Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Edmund Rieder, DO  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-2088

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 405-26-21-067

**Mississippi**

**Jackson**

**University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

Peter Dorsett, MD  
Univ of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216  
601 984-5820

*Length:* 2 Year(s)

**Program ID:** 405-27-21-149

**Missouri**

**Columbia**

**University of Missouri-Columbia Program\***

University of Missouri-Columbia School of Medicine  
Charter Hospital of Columbia  
Mid-Missouri Mental Health Center  
Riverside Hospital and Counseling Center  
University and Children's Hospital

*Program Director:*

Arshad Husain, MD  
Mid-Missouri Mental Health Center  
Three Hospital Dr  
Columbia, MO 65201  
314 882-3176

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 405-28-21-068

**St Louis**

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Elizabeth Medical Center

*Program Director:*

Renuka N Patel, MD  
Div of Child & Adolescent Psychiatry  
St Louis Univ Med Ctr  
1221 S Grand Blvd  
St Louis, MO 63104-1094  
314 577-8724

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 405-28-21-157

**Washington University Program**

Washington University School of Medicine

*Program Director:*

Joan L Luby, MD  
Washington University School of Medicine  
Dept of Psychiatry (Child)  
4940 Children's Pl  
St Louis, MO 63110  
314 454-2303

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 405-28-21-070

**Nebraska**

**Omaha**

**Creighton University/University of Nebraska Program**

Creighton/Nebraska University Health Foundation  
AMI St Joseph Center for Mental Health

*Program Director:*

Shashi K Bhatia, MD  
Creighton-Nebraska Combined Dept of Psychiatry  
819 Dorcas St  
Omaha, NE 68108  
402 449-5047

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 405-30-31-071

**New Hampshire**

**Lebanon**

**Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Brattleboro Retreat

*Program Director:*

Robert J Racusin, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-5835

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 405-32-21-073

**New Jersey**

**Newark**

**UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
UMDNJ-Community Mental Health Center of Newark  
UMDNJ-University Hospital

*Program Director:*

Adrian Sondheimer, MD  
UMDNJ-New Jersey Medical School  
Child and Adolescent Psychiatry  
215 S Orange Ave  
Newark, NJ 07103-2700  
201 982-4284

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 405-33-21-150

**Piscataway**

**UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital  
UMDNJ-Community Mental Health Center at Piscataway

*Program Director:*

Harris S Goldstein, MD DMedSc  
UMDNJ-Robert Wood Johnson  
675 Hoes Ln  
Piscataway, NJ 08854-5635  
908 235-4416

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 405-33-21-074

**New Mexico**

**Albuquerque**

**University of New Mexico Program**

University of New Mexico School of Medicine  
Univ of New Mexico Children's Psychiatric Hospital

*Program Director:*

Robert L Hendren, DO  
University of New Mexico School of Medicine  
2400 Tucker NE  
Albuquerque, NM 87131  
505 277-4002

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 405-34-21-144

\* Updated information not provided.

**New York****Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Children's Psychiatric Center  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses Division

*Program Director:*  
Edward Sperling, MD  
Bronx Municipal Hosp Ctr  
Nurses Residence-3N7  
Pelham Pkwy/Eastchester Rd  
Bronx, NY 10461  
718 918-3886

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 405-35-21-077

**Brooklyn****Brookdale Hospital Medical Center Program**

Brookdale Hospital Medical Center

*Program Director:*  
Manuel S Ibay, MD  
Brookdale Hospital Medical Center  
Linden Blvd & Brookdale Plaza  
Brooklyn, NY 11212  
718 240-5997

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-35-31-078

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn

*Program Director:*  
Lenore Engel, MD  
Kings County Hospital Center  
Child & Adolescent Psychiatry  
451 Clarkson Ave  
Brooklyn, NY 11203  
718 270-1431

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-35-21-094

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Children's Hospital of Buffalo  
SUNY at Buffalo School of Medicine  
Western New York Children's Psychiatric Center

*Program Director:*  
David Kaye, MD  
Children's Hospital of Buffalo  
Div of Child/Adolescent Psychiatry  
556 Franklin St  
Buffalo, NY 14202  
716 885-7311

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 405-35-21-161

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*  
Victor M Fornari, MD  
North Shore University Hospital  
Dept of Psychiatry  
Manhasset, NY 11030  
516 562-3005

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-35-11-076

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*  
Carmel A Foley, MD  
Long Island Jewish Medical Center  
Schneider Children's Hospital  
269-01 76th Ave  
New Hyde Park, NY 11042  
718 470-3550

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 405-35-11-082

**New York****Columbia University Program**

Presbyterian Hospital in the City of New York  
New York State Psychiatric Institute

*Program Director:*  
Clarice J Kestenbaum, MD  
New York State Psychiatric Institute  
722 W 168th St  
New York, NY 10032  
212 960-2333

*Length:* 2 Year(s) *Total Positions:* 15  
**Program ID:** 405-35-11-080

**Harlem Hospital Center Program\***

Harlem Hospital Center  
Rockland Children's Psychiatric Center

*Program Director:*  
Sady Sultan, MD  
Harlem Hospital Center  
506 Lenox Ave  
New York, NY 10032  
212 939-3367

*Length:* 2 Year(s)  
**Program ID:** 405-35-21-081

**Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services

*Program Director:*  
Ruth Fuchs, MD  
Elmhurst Hospital Center-Mount Sinai Services  
79-01 Broadway  
Elmhurst, NY 11373  
718 334-3538

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 405-35-11-079

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*  
Jeffrey H Newcorn, MD  
Mount Sinai Hospital  
One Gustave L Levy Pl  
Box 1268  
New York, NY 10029  
212 241-6268

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 405-35-11-085

**New York Hospital-Westchester Division/Cornell Medical Center Program**

New York Hospital  
New York Hospital-Westchester Division

*Program Director:*  
Paulina F Kernberg, MD  
New York Hospital-Cornell Medical Center-Westchester Div  
21 Bloomingdale Rd  
White Plains, NY 10605  
914 997-5051

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-35-21-098

**New York Hospital/Cornell Medical Center Program**

New York Hospital-Payne Whitney Psychiatric Clinic

*Program Director:*  
Theodore Shapiro, MD  
New York Hospital  
525 E 68th St Box 147  
New York, NY 10021  
212 821-0724

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-35-11-086

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*  
Paul Pomerantz, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-8103

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 405-35-21-088

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
Mount Sinai Medical Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
Leo L Kron, MD  
Amsterdam Ave at 114th St  
New York, NY 10025  
212 523-3062

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 405-35-31-166

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
Rochester Psychiatric Center

*Program Director:*  
Stephen W Munson, MD  
University of Rochester Medical Center  
300 Crittenden Blvd  
Rochester, NY 14642-8409  
716 275-3137

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 405-35-11-095

\* Updated information not provided.

## Stony Brook

### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook

*Program Director:*

Judith A Crowell, MD  
Dept of Psychiatry  
Div of Child Psychiatry  
Health Sciences Center T-10  
Stony Brook, NY 11794-8790  
516 632-8840

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID: 405-35-21-158**

## Valhalla

### New York Medical College (Metropolitan) Program

New York Medical College  
Metropolitan Hospital Center

*Program Director:*

Yvette G Janssen, MD  
Metropolitan Hospital Center  
Div of Child & Adolescent Psych  
1901 First Ave Rm 4M14  
New York, NY 10029  
212 230-7060

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID: 405-35-11-087**

### New York Medical College at St Vincent's Hospital and Medical Center of New York Program

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

A Reese Abright, MD  
St Vincent's Hospital and Medical Center of New York  
203 W 12th St O'Toole 6  
New York, NY 10011  
212 604-8213

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID: 405-35-22-092**

### New York Medical College at Westchester County Medical Center Program

New York Medical College  
Westchester County Medical Center

*Program Director:*

Klaus Schreiber, MD  
New York Med Coll/Westchester Cnty Med Ctr  
Div Child/Adolescent Psychiatry  
Psychiatric Inst B102  
Valhalla, NY 10595  
914 285-1829

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID: 405-35-21-097**

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
Dorothea Dix Hospital

*Program Director:*

Albert J Naftel, MD  
University of North Carolina  
Dept of Psychiatry  
CB# 7160 Medical Wing C Rm 248  
Chapel Hill, NC 27599-7160  
919 966-2127

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID: 405-36-21-100**

## Durham

### Duke University Program

Duke University Medical Center  
John Umstead Hospital

*Program Director:*

Charles Keith, MD  
Div of Child and Adolescent Psychiatry  
Box 2906  
Duke University Medical Center  
Durham, NC 27710  
919 684-3044

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID: 405-36-31-101**

## Greenville

### East Carolina University Program

East Carolina University School of Medicine  
Cherry Hospital  
Pitt Cnty Mental Hlth-Mental Retardation and Sub  
Abuse Ctr  
Pitt County Memorial Hospital

*Program Director:*

John M Diamond, MD  
Department of Psychiatry  
East Carolina Univ School of Med  
Greenville, NC 27858-4354  
919 816-2673

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 405-36-21-162**

## Winston-Salem

### Bowman Gray School of Medicine Program\*

North Carolina Baptist Hospital  
Forsyth Memorial Hospital

*Program Director:*

Richard W Brunstetter, MD  
Dept of Psychiatry and Behavioral Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1087  
919 748-6236

*Length:* 2 Year(s)

**Program ID: 405-36-31-163**

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Children's Hospital Medical Center

*Program Director:*

Brian J McConville, MD  
Univ of Cincinnati Coll of Medicine  
Dept of Psychiatry  
231 Bethesda Ave  
Cincinnati, OH 45267-0559  
513 568-6184

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID: 405-38-21-102**

## Cleveland

### Case Western Reserve University Program

University Hospitals of Cleveland

*Program Director:*

Judith W Dogin, MD  
Case Western Reserve University  
Div of Child & Adolescent Psych  
11100 Euclid Ave  
Cleveland, OH 44106  
216 844-3289

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID: 405-38-11-103**

## Columbus

### Ohio State University Program

Ohio State University Medical Center

*Program Director:*

Elizabeth B Weller, MD  
Dept of Psychiatry  
Child & Adolescent Div  
1670 Upham Dr Ste 560  
Columbus, OH 43210-1250  
614 293-8230

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 405-38-21-104**

## Dayton

### Wright State University Program

Wright State University School of Medicine  
Children's Medical Center  
Good Samaritan Hospital and Health Center  
St Elizabeth Medical Center

*Program Director:*

William M Klykylo, MD  
Div of Child & Adolescent Psychiatry  
Wright State Univ School of Med  
PO Box 927  
Dayton, OH 45401-0927  
513 276-8329

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID: 405-38-21-169**

## Toledo

### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital

*Program Director:*

Charles W Davenport, MD  
Medical College of Ohio  
PO Box 10008  
Toledo, OH 43699-0008  
419 381-3815

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 405-38-11-105**

\* Updated information not provided.

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program\***

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma

*Program Director:*

James R Allen, MD  
OU Health Sciences Center  
PO Box 26901 5SP-136  
Oklahoma City, OK 73190-3048  
405 271-4219

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID: 405-39-11-106**

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital

*Program Director:*

Richard H Angell, MD  
Oregon Health Sciences University  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201  
503 494-8646

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 405-40-21-107**

**Pennsylvania****Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

H Allen Handford, MD  
Pennsylvania State University-Child Psychiatry  
Milton S Hershey Medical Center  
PO Box 850 500 University Dr  
Hershey, PA 17033-8110  
717 531-8515

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID: 405-41-21-147**

**Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center  
Belmont Center for Comprehensive Treatment  
KidsPeace National Center for Kids in Crisis

*Program Director:*

Herbert E Mandell, MD  
Temple University School of Medicine  
Dept Child & Adolescent Psychiatry  
4200 Monument Rd  
Philadelphia, PA 19131  
215 581-9128

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID: 405-41-21-168**

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*

John L Frank, MD  
Hahnemann Hospital  
1427 Vine St 8th Fl  
MS #950  
Philadelphia, PA 19102-1192  
215 762-6770

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID: 405-41-21-109**

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital

*Program Director:*

Harris Rabinovich, MD  
Eastern Pennsylvania Psychiatric Inst  
Henry Ave and Abbotsford Rd  
Philadelphia, PA 19129  
215 842-4429

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID: 405-41-21-110**

**Philadelphia Child Guidance Center Program**

Philadelphia Child Guidance Center

*Program Director:*

John Sargent, MD  
Philadelphia Child Guidance Center  
34th St and Civic Center Blvd  
Philadelphia, PA 19104  
215 243-2749

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID: 405-41-11-111**

**Thomas Jefferson University Program\***

Thomas Jefferson University Hospital

*Program Director:*

Gail A Edelsohn, MD  
Thomas Jefferson University Hospital  
1201 Chestnut St #1501  
Philadelphia, PA 19107  
215 965-8180

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 405-41-11-113**

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Western Psychiatric Institute and Clinic/UPMC

*Program Director:*

Neal D Ryan, MD  
Western Psychiatric Institute  
3811 O'Hara St  
Pittsburgh, PA 15213-2593  
412 624-2876

*Length:* 2 Year(s) *Total Positions:* 36

**Program ID: 405-41-31-114**

**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Sarah Huertas-Goldman, MD  
Dept of Psychiatry  
GPO Box 5067  
San Juan, PR 00936  
809 758-2525

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 405-42-21-116**

**Rhode Island****Providence****Brown University Program\***

Rhode Island Hospital  
Emma Pendleton Bradley Hospital

*Program Director:*

Charles A Malone, MD  
Thomas F Anders, MD  
Emma Pendleton Bradley Hospital  
1011 Veterans Memorial Pkwy  
East Providence, RI 02915  
401 434-3400

*Length:* 2 Year(s) *Total Positions:* 11

**Program ID: 405-43-21-117**

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
MUSC Medical Center

*Program Director:*

Donald J Carek, MD  
Medical University Hospital  
171 Ashley Ave  
Charleston, SC 29425-0742  
803 792-3051

*Length:* 2 Year(s) *Total Positions:* 14

**Program ID: 405-45-21-118**

**Columbia****William S Hall Psychiatric Institute-University of South Carolina School of Medicine Program**

William S Hall Psych Inst-Univ of South Carolina Sch of Med

*Program Director:*

Steven P Cuffe, MD  
William S Hall Psychiatric Institute  
1800 Colonial Dr  
PO Box 202  
Columbia, SC 29202  
803 734-7267

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID: 405-45-21-119**

\* Updated information not provided.



## South Dakota

### Sioux Falls

#### University of South Dakota Program

University of South Dakota School of Medicine  
Charter Hospital of Sioux Falls  
Sioux Valley Hospital

*Program Director:*

Jessica Oesterheld, MD  
Department of Psychiatry  
USD School of Medicine  
800 E 21st St  
Sioux Falls, SD 57101  
605 335-2889

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-48-21-164

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center  
St. Joseph Hospital  
University of Tennessee Medical Center

*Program Director:*

David Pruitt, MD  
Univ of Tennessee Memphis  
711 Jefferson Ste 137  
Memphis, TN 38163  
901 448-5944

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-47-21-120

### Nashville

#### Vanderbilt University Program\*

Vanderbilt University Medical Center  
Vanderbilt Child and Adolescent Psychiatric Hospital

*Program Director:*

Barry Nurcombe, MD  
Vanderbilt University Hospital  
1601 23rd Ave S  
Nashville, TN 37212-8645  
615 327-7009

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-47-21-121

## Texas

### Austin

#### Austin State Hospital Program

Austin State Hospital  
Brackenridge Hospital

*Program Director:*

Beverly J Sutton, MD  
Austin Psychiatric Center  
4110 Guadalupe  
Austin, TX 78751-4296  
512 371-6814

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-48-12-122

## Dallas

#### Timberlawn Psychiatric Hospital Program\*

Timberlawn Psychiatric Hospital

*Program Director:*

Larry G Shadid, MD  
Timberlawn Psychiatric Hospital  
4600 Samuell Blvd  
Dallas, TX 75228-6827  
214 381-7181

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 405-48-21-151

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Gail S Alexander, MD  
University of Texas Southwestern Medical School  
5323 Harry Hines Blvd  
Dallas, TX 75235-8589  
214 648-5300

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-48-21-123

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Christopher Thomas, MD  
Div of Child and Adolescent Psychiatry  
Univ of Texas Medical Branch  
Galveston, TX 77555-0425  
409 772-1055

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-48-11-124

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Cullen Bayou Place-Depelchin Children's Center  
Texas Children's Hospital

*Program Director:*

Florence F Eddins, MD  
Baylor College of Medicine  
Houston Child Guidance Ctr  
3214 Austin St  
Houston, TX 77004  
713 526-3232

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-48-21-125

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
University of Texas Mental Sciences Institute

*Program Director:*

Cynthia W Santos, MD  
Univ of Texas Mental Sciences Institute  
1300 Moursund  
Houston, TX 77030  
713 794-1460

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 405-48-21-139

## San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Community Guidance Center of Bexar County  
Southwest Neuropsychiatric Institute

*Program Director:*

Kenneth L Matthews, MD  
University of Texas Health Science Center  
Dept of Psychiatry-Child/Adolescent  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7792  
210 567-5430

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 405-48-21-126

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Children's Center  
Primary Children's Medical Center  
Valley Mental Health

*Program Director:*

Frances L Burger, MD  
University of Utah School of Medicine  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-3936

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 405-49-21-127

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center  
De Jarnette Center

*Program Director:*

John J Broderick-Cantwell, MD  
University of Virginia Medical Center  
Outpatient Psychiatric Serv  
Blue Ridge Hospital Drawer C  
Charlottesville, VA 22901  
804 924-2251

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-51-11-130

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

MCV-Virginia Treatment Center for Children  
Medical College of Virginia Hospitals

*Program Director:*

Aradhana Sood, MD  
MCV/Commonwealth Univ  
PO Box 980489  
Richmond, VA 23298-0489  
804 828-4058

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 405-51-11-131

\* Updated information not provided.

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
University of Washington Medical Center

*Program Director:*

Christopher K Varley, MD  
Children's Hosp & Med Ctr  
PO Box C-5371  
4800 Sand Point Way NE  
Seattle, WA 98105-0371  
206 368-4949

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 405-54-21-132

**West Virginia****Charleston****West Virginia University (Charleston Division) Program**

Charleston Area Medical Center

*Program Director:*

Peter R Edelman, MD  
Child & Adolescent Psychiatry/Dept. of Behavioral  
Medicine  
Robert C. Byrd HSC/WVU/Charleston  
PO Box 1547  
Charleston, WV 25326  
304 341-1600

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 405-55-21-170

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
HCA Parkway Hospital  
Mendota Mental Health Institute

*Program Director:*

Hugh F Johnston, MD  
Univ of Wisconsin Med Sch  
Dept of Psychiatry  
600 Highland Ave  
Madison, WI 53792-2475  
608 263-6084

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 405-56-21-134

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Milwaukee Psychiatric Hospital-Dewey Center

*Program Director:*

Anthony D Meyer, MD  
Milwaukee Psychiatric Hospital  
1220 Dewey Ave  
Wauwatosa, WI 53213  
414 454-6610

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 405-56-21-135

**Child Neurology  
(Neurology)****Alabama****Birmingham****University of Alabama Medical Center Program**

University of Alabama Hospital

*Program Director:*

Alan K Percy, MD  
University of Alabama  
1600 7th Ave S  
Ste 516-ACC  
Birmingham, AL 35233  
205 934-4974

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 185-01-21-008

**Mobile****University of South Alabama Program**

University of South Alabama Medical Center

*Program Director:*

John F Rothrock, MD  
University of South Alabama  
2451 Fillingim St  
MCSB 1100  
Mobile, AL 36617  
205 471-7841

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-01-21-056

**Arizona****Phoenix****Barrow Neurological Institute of St Joseph's Hospital and Medical Center Program**

Barrow Neurological Institute of St Joseph's Hosp & Med  
Ctr

*Program Director:*

Stanley D Johnsen, MD  
Barrow Neurological Institute  
St Joseph's Hospital and Med Ctr  
PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-6310

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-03-21-024

**California****Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center

*Program Director:*

Stephen Ashwal, MD  
Loma Linda Univ Schl of Med  
Div of Child Neurology  
11262 Campus St West Hall Rm 154  
Loma Linda, CA 92354  
909 824-0800

*Length:* 3 Year(s) *Total Positions:* 2

*Program ID:* 185-05-21-075

**Los Angeles****UCLA Medical Center Program\***

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

W Donald Shields, MD  
UCLA Schl of Med  
Div of Pediatric Neurology  
Los Angeles, CA 90024-1752  
310 825-6196

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-05-21-062

**University of Southern California Program\***

Los Angeles County-USC Medical Center  
Childrens Hospital of Los Angeles

*Program Director:*

O Carter Snead, MD  
University of Southern California School of Medicine  
Childrens Hospital of Los Angeles  
PO Box 54700  
Los Angeles, CA 90054-0700  
213 669-2498

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-05-21-065

**Orange****University of California (Irvine) Program\***

University of California (Irvine) Medical Center

*Program Director:*

Ira T Lott, MD  
University of California Irvine Medical Center Bldg 27  
101 City Dr S  
Orange, CA 92668  
714 456-5784

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-05-21-066

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

Sidney M Gospe Jr, MD PhD  
Dept of Neurology  
University of California Davis  
2315 Stockton Blvd  
Sacramento, CA 95817  
916 734-3323

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-05-21-082

**San Diego****University of California (San Diego) Program\***

University of California (San Diego) Medical Center  
Children's Hospital and Health Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Doris A Trauner, MD  
University of California San Diego Medical Center  
200 W Arbor Dr  
San Diego, CA 92103-8467  
619 294-6440

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-05-21-020

\* Updated information not provided.

## San Francisco

### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

William C Mobley, MD PhD  
Univ of California San Francisco Med Ctr  
Dept of Neurology  
505 Parnassus Ave M-794  
San Francisco, CA 94143-0114  
415 476-5909

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-05-21-069

## Stanford

### Stanford University Program

Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Jin S Hahn, MD  
Stanford University Medical Center  
Dept of Child Neurology  
Room H-3160  
Stanford, CA 94305-5235  
415 725-6841

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-05-21-061

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Kenneth R Huff, MD  
Harbor-UCLA Med Ctr  
Dept of Pediatrics/Box 468  
1000 W Carson St  
Torrance, CA 90509  
310 222-4168

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-05-21-017

## Colorado

## Denver

### University of Colorado Program\*

University of Colorado Health Sciences Center  
Children's Hospital

*Program Director:*

Alan R Seay, MD  
University of Colorado School of Medicine Dept of Neurology  
The Children's Hospital  
1056 E 19th Ave  
Denver, CO 80218  
303 394-8281

*Length:* 3 Year(s)

*Program ID:* 185-07-21-023

## District of Columbia

## Washington

### George Washington University Program

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital

*Program Director:*

Roger Packer, MD  
Children's National Medical Center  
111 Michigan Ave NW  
Suite W-4800  
Washington, DC 20010  
202 884-2120

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-10-21-048

### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Michael H Mitchell, MD  
Child Neurology Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1863

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-10-11-010

## Florida

## Miami

### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Richard G Curless, MD  
University of Miami-Jackson Memorial Hospital  
Mailman Center D-820 PO Box 016960  
Miami, FL 33101  
305 547-6002

*Length:* 3 Year(s)

*Program ID:* 185-11-21-005

## Georgia

## Atlanta

### Emory University Program

Emory University School of Medicine  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

Nicolas S Krawiecki, MD  
Emory University School of Medicine  
Div of Pediatric Neurology  
2040 Ridgewood Dr NE  
Atlanta, GA 30322  
404 727-5756

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-12-21-058

## Augusta

### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
University Hospital  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

James E Carroll, MD  
Section of Child Neurology  
CJ 2103  
Medical College of Georgia  
Augusta, GA 30912-3255  
706 721-3371

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-12-21-019

## Illinois

## Chicago

### McGaw Medical Center of Northwestern University Program\*

Northwestern University Medical School  
Children's Memorial Medical Center  
Northwestern Memorial Hospital

*Program Director:*

Charles N Swisher, MD  
Children's Memorial Hospital  
2300 Children's Plaza  
Chicago, IL 60614  
312 880-3886

*Length:* 3 Year(s)

*Program ID:* 185-16-21-021

### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Peter R Huttenlocher, MD  
University of Chicago  
Pediatrics & Neurology  
5841 S Maryland MC3055  
Chicago, IL 60637-1470  
312 702-6487

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-16-21-001

## Maywood

### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Steven B Coker, MD  
Loyola University Stritch School of Medicine  
Dept of Neurology  
2160 S First Ave  
Maywood, IL 60153  
708 216-3407

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-16-21-045

\* Updated information not provided.

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*  
Bhuwan P Garg, MD  
RI 1757702 Barnhill Dr  
Indianapolis, IN 46202-5200  
317 274-1329*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 185-17-21-050**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*  
William E Bell, MDUniversity of Iowa Hospitals and Clinics  
Dept of Pediatrics and Neurology  
Iowa City, IA 52242-1009  
319 356-2833*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 185-18-21-049**Kansas****Kansas City****University of Kansas Medical Center Program\***University of Kansas School of Medicine  
Children's Mercy Hospital  
University of Kansas Medical Center*Program Director:*  
Enrique Chavez-Carballo, MD  
University of Kansas School of Medicine  
39th & Rainbow Blvd  
Kansas City, KS 66103-7330  
913 588-6371*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 185-19-21-073**Louisiana****New Orleans****Louisiana State University Program**Louisiana State University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans-LSU Division*Program Director:*  
Margaret C Duncan, MD  
Dept of Neurology  
LSU Med Ctr  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4080*Length:* 3 Year(s) *Total Positions:* 1  
**Program ID:** 185-21-21-022**Tulane University Program**Tulane University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans  
Tulane University Hospital and Clinics*Program Director:*  
John K Willis, MD  
Tulane University School of Medicine  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-2241*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 185-21-21-064**Maryland****Baltimore****Johns Hopkins University Program**Johns Hopkins University School of Medicine  
Johns Hopkins Hospital*Program Director:*  
Harvey S Singer, MD  
Johns Hopkins University School of Medicine  
Harvey 811  
600 N Wolfe St  
Baltimore, MD 21287-8811  
410 955-3805*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 185-23-21-027**Massachusetts****Boston****Harvard Medical School Program\***Children's Hospital  
Beth Israel Hospital*Program Director:*  
Joseph J Volpe, MD  
Longwood Area Neurological Training Program  
300 Longwood Ave  
Boston, MA 02115  
617 735-6385*Length:* 3 Year(s)  
**Program ID:** 185-24-21-051**Massachusetts General Hospital Program\***

Massachusetts General Hospital

*Program Director:*  
Verne S Caviness Jr, MD  
Massachusetts General Hospital  
32 Fruit St  
Boston, MA 02114  
617 726-1813*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 185-24-31-067**New England Medical Center Hospitals Program**

New England Medical Center Hospitals

*Program Director:*  
N Paul Rosman, MD  
New England Medical Center  
NEMC #330  
750 Washington St  
Boston, MA 02111  
617 956-6096*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 185-24-21-028**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*  
Israel F Abroms, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3247*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 185-24-21-029**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*  
Gihan I Tennekoon, MD  
University of Michigan Hospitals  
Pediatric Neurology  
MSRB III Box 0646  
Ann Arbor, MI 48109-0570  
313 763-4097*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 185-25-21-030**Detroit****Wayne State University/Detroit Medical Center Program**Wayne State University School of Medicine  
Children's Hospital of Michigan  
Harper Hospital*Program Director:*  
Michael A Nigro, MD  
Children's Hospital of Michigan  
3901 Beaubien  
Detroit, MI 48201  
313 745-5785*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 185-25-21-052**Minnesota****Minneapolis****University of Minnesota Program\***University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic*Program Director:*  
Kenneth F Swaiman, MD  
University of Minnesota Hospital and Clinics  
420 Delaware St SE  
Minneapolis, MN 55455  
612 625-7466*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 185-26-21-016

\* Updated information not provided.

## Rochester

### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

James F Mellinger, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-9373

*Length:* 3 Year(s) *Total Positions:* 4

**Program ID:** 185-26-21-053

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program\*

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Owen B Evans, MD  
Pediatric Neurology  
Univ of Mississippi Med Ctr  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5275

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 185-27-21-031

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital

*Program Director:*

Suresh Kotagal, MB BS  
Cardinal Glennon Children's Hospital  
1465 South Grand  
St. Louis, MO 63104-1095  
314 577-5338

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 185-28-21-033

#### Washington University Program

Barnes Hospital  
St Louis Children's Hospital

*Program Director:*

Steven M Rothman, MD  
St Louis Children's Hospital  
One Children's Pl  
Ste 12E25  
St Louis, MO 63110  
314 454-6042

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 185-28-21-034

## New Jersey

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Children's Hospital of New Jersey  
Dept of Veterans Affairs Medical Center (East Orange)  
UMDNJ-University Hospital

*Program Director:*

M Richard Koenigsberger, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave  
Newark, NJ 07103  
201 982-5204

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 185-33-21-011

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Russell D Snyder, MD  
Dept of Neurology  
UNM School of Medicine  
915 Camino de Salud NE  
Albuquerque, NM 87131-5281  
505 272-3342

*Length:* 3 Year(s) *Total Positions:* 1

**Program ID:** 185-34-21-083

## New York

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

Alfred J Spiro, MD  
Albert Einstein College of Medicine  
1300 Morris Park Ave  
Bronx, NY 10461  
718 430-2833

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 185-35-21-002

### Brooklyn

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*

Arthur L Rose, MD  
SUNY-Health Science Center at Brooklyn  
450 Clarkson Ave Box 118  
Brooklyn, NY 11203-2098  
718 270-2042

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 185-35-21-054

## Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Children's Hospital of Buffalo  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Michael E Cohen, MD  
Children's Hospital of Buffalo  
219 Bryant St  
Buffalo, NY 14222  
716 878-7848

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 185-35-21-035

## East Meadow

#### Nassau County Medical Center Program

Nassau County Medical Center

*Program Director:*

Gary N McAbee, DO  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-3107

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 185-35-21-036

## New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Queens Hospital Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

Lydia Eviatar, MD  
Schneider Childrens Hospital  
Pediatric Neurology  
269-01 76th Ave  
New Hyde Park, NY 11040  
718 470-3450

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 185-35-21-055

## New York

#### Mount Sinai School of Medicine Program\*

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Alan M Aron, MD  
Mount Sinai School of Medicine  
One Gustave L Levy Pl  
New York, NY 10029  
212 831-4393

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 185-35-21-046

#### New York Hospital/Cornell Medical Center Program\*

New York Hospital

*Program Director:*

Abe Chutorian, MD  
Pediatric Neurology  
525 E 68th St  
New York, NY 10021  
212 746-3278

*Length:* 3 Year(s)

**Program ID:** 185-35-21-015

\* Updated information not provided.

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Richard N Reuben, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6463

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 185-35-21-057

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

Darryl C De Vivo, MD  
Presbyterian Hospital in the City of New York  
710 W 168th St  
New York, NY 10032  
212 305-6244

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 185-35-21-059

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Leon G Epstein, MD  
University of Rochester Medical Center  
Child Neurology Rm 4-3259  
601 Elmwood Ave Box 631  
Rochester, NY 14642-8677  
716 275-4783

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 185-35-21-013

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

*Program Director:*

Nicholas J Lenn, MD PhD  
SUNY at Stony Brook Hlth Sci Ctr  
L12 Rm 020 Dept of Neurology  
Stony Brook, NY 11794-8121  
516 444-1493

*Length:* 3 Year(s) *Total Positions:* 1  
**Program ID:** 185-35-21-081

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Robert S Greenwood, MD  
UNC School of Medicine  
Dept of Neurology  
751 Burnett-Womack Bldg CB #7025  
Chapel Hill, NC 27599-7025  
919 966-2523

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 185-36-21-003

**Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

Darrell V Lewis, MD  
Duke University Medical Center  
Div of Pediatric Neurology  
Durham, NC 27710  
919 684-3219

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 185-36-21-080

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

Raymond S Kandt, MD  
North Carolina Baptist Hospital  
Medical Center Blvd  
Winston-Salem, NC 27157-1078  
910 716-2151

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 185-36-21-037

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

Children's Hospital Medical Center  
University of Cincinnati Hospital

*Program Director:*

M H Fogelson, MD  
Children's Hospital Medical Center  
3333 Burnet Ave  
Cincinnati, OH 45229-3039  
513 559-4222

*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID:** 185-38-21-038

**Cleveland****Case Western Reserve University Program\***

University Hospitals of Cleveland

*Program Director:*

Samuel J Horwitz, MD  
University Hospitals of Cleveland  
2074 Abington Rd  
Cleveland, OH 44106  
216 844-3691

*Length:* 3 Year(s)  
**Program ID:** 185-38-21-039

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*

A David Rothner, MD  
Cleveland Clinic Foundation  
Dept of Child Neurology  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 185-38-21-004

**Pennsylvania****Philadelphia****St Christopher's Hospital for Children Program\***

St Christopher's Hospital for Children  
Temple University Hospital

*Program Director:*

Warren D Grover, MD  
St Christopher's Hospital for Children  
Front Ave & Erie Ave  
Philadelphia, PA 19134-1095  
215 427-5484

*Length:* 3 Year(s)  
**Program ID:** 185-41-21-040

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital  
Alfred I. DuPont Institute of the Nemours Foundation  
The Medical Center of Delaware

*Program Director:*

Leonard J Graziani, MD  
Thomas Jefferson University Hospital  
909 Walnut St  
2nd Fl  
Philadelphia, PA 19107  
215 955-5310

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 185-41-21-072

**University of Pennsylvania Program**

Children's Hospital of Philadelphia  
Hospital of the University of Pennsylvania

*Program Director:*

David E Pleasure, MD  
Children's Hospital of Pennsylvania  
34th St & Civic Center Blvd  
Philadelphia, PA 19104  
215 590-2090

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 185-41-21-041

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Michael J Painter, MD  
Children's Hospital of Pittsburgh  
3705 Fifth Ave  
Pittsburgh, PA 15213  
412 692-5520

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 185-41-21-012

**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital

*Program Director:*

J Donald G Easton, MD  
Rhode Island Hospital  
Dept of Neurology RI Hospital  
593 Eddy St Physicians Office #324  
Providence, RI 02903  
401 444-8795

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 185-43-21-074

\* Updated information not provided.

## Tennessee

### Memphis

#### University of Tennessee Program\*

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
LeBonheur Children's Medical Center  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Douglas F Rose, MD  
University of Tennessee College of Medicine  
777 Washington Ave Ste P110  
Memphis, TN 38105  
901 528-6512

*Length:* 3 Year(s)

*Program ID:* 185-47-21-079

### Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center

*Program Director:*

Gerald M Fenichel, MD  
Dept of Neurology  
2100 Pierce Ave  
Nashville, TN 37212  
615 936-0060

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-47-21-042

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial  
Hospital  
Texas Scottish Rite Hospital for Children

*Program Director:*

E S Roach, MD  
Dept of Neurology  
5323 Harry Hines Blvd  
Dallas, TX 75235-9036  
214 640-2751

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 185-48-21-043

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Texas Children's Hospital

*Program Director:*

Marvin A Fishman, MD  
Dept of Pediatrics  
Baylor College of Medicine  
One Baylor Plaza  
Houston, TX 77030  
713 770-3864

*Length:* 3 Year(s) *Total Positions:* 7

*Program ID:* 185-48-21-018

### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Shriners Hospital for Crippled Children (Houston)  
University of Texas M D Anderson Cancer Center

*Program Director:*

Ian J Butler, MD  
University of Texas Health Science Center  
Dept of Neurology  
Box 20708  
Houston, TX 77225-0708  
713 792-5777

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-48-31-078

## Lubbock

#### Texas Tech University (Lubbock) Program

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center  
Veterans Affairs Medical Center (Amarillo)

*Program Director:*

Judith E Hogg, MD  
Texas Tech University Health Science Center  
Dept of Neurology  
3601 Fourth St  
Lubbock, TX 79430  
806 743-2720

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-48-21-076

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Primary Children's Medical Center

*Program Director:*

Joel A Thompson, MD  
Primary Children's Hospital  
Dept of Child Neurology  
100 N Medical Dr  
Salt Lake City, UT 84113-1100  
801 521-1201

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 185-49-21-044

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

W Davis Parker, MD  
Div of Pediatric Neurology  
Box 384  
Univ of Virginia Med Ctr  
Charlottesville, VA 22908  
804 924-5548

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-51-11-063

## Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth  
University  
Medical College of Virginia Hospitals

*Program Director:*

Edwin C Myer, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980211  
Richmond, VA 23298-0211  
804 786-0442

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-51-21-060

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center

*Program Director:*

Harvey B Sarnat, MD  
Children's Hospital and Medical Center  
4800 Sand Point Way NE  
CH-49

Seattle, WA 98105-0371

206 526-2078

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-54-21-047

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

John Bodensteiner, MD  
Dept of Neurology  
West Virginia University HSC  
PO Box 9180  
Morgantown, WV 26506-9180  
304 293-2343

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 185-55-11-068

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
Meriter Hospital

*Program Director:*

Robert S Rust, MD MA  
University of Wisconsin Hospital and Clinics  
Dept of Neurology and Pediatrics  
Madison, WI 53792-5132  
608 263-8551

*Length:* 3 Year(s) *Total Positions:* 2

*Program ID:* 185-58-21-007

\* Updated information not provided.

## Milwaukee

### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital

*Program Director:*

Edward H Kovnar, MD  
Children's Hospital of Wisconsin  
Pediatric Neurology  
9000 W Wisconsin Ave  
Milwaukee, WI 53226  
414 456-4080

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 185-56-21-070

## Clinical and Laboratory Immunology (Allergy and Immunology)

## California

### Orange

#### University of California (Irvine) Program\*

University of California (Irvine) Medical Center

*Program Director:*

Sudhir Gupta, MD PhD  
Dept of Med/C240 Med Sci I  
Univ of California  
Irvine, CA 92717  
714 856-5818

*Length:* 2 Year(s)

**Program ID:** 025-05-21-016

## Colorado

### Denver

#### University of Colorado Program\*

University of Colorado Health Sciences Center  
Immunological Associates of Denver  
National Jewish Ctr for Immunology and Respiratory  
Medicine

*Program Director:*

Daniel L Hamilos, MD  
National Jewish Center for Immunology and Respiratory  
Med  
1400 Jackson St  
Denver, CO 80206  
303 398-1289

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 025-07-21-005

## District of Columbia

### Washington

#### Walter Reed Army Medical Center Program\*

Walter Reed Army Medical Center  
NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Renata J M Engler, MD  
Walter Reed Army Medical Center  
Allergy/Immunology Services I-J  
Washington, DC 20307-5001  
202 576-1850

*Length:* 2 Year(s)

**Program ID:** 025-10-21-006

## Florida

### Tampa

#### University of South Florida (All Children's) Program\*

University of South Florida College of Medicine  
All Children's Hospital

*Program Director:*

Robert A Good, MD  
All Children's Hospital  
801 Sixth St S  
St Petersburg, FL 33701  
813 892-4470

*Length:* 2 Year(s)

**Program ID:** 025-11-31-010

#### University of South Florida Program\*

University of South Florida College of Medicine  
All Children's Hospital  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Dennis K Ledford, MD  
Univ of South Florida College of Medicine  
Div of Allergy-Immunology c/o VAMC  
13000 Bruce B Downs Blvd (111D)  
Tampa, FL 33612  
813 972-7631

*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 1)

**Program ID:** 025-11-21-001

## Georgia

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics

*Program Director:*

William K Dolen, MD  
Div of Allergy & Immunology  
BG-247

Medical College of Georgia  
Augusta, GA 30912

706 721-2951

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 025-12-21-013

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital

*Program Director:*

Paul A Greenberger, MD  
Leslie C Grammer, MD  
Div of Allergy/Immunology  
303 E Chicago Ave S207  
Chicago, IL 60611-3008  
312 908-8171

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 025-16-21-002

\* Updated information not provided.



## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program B\*

University of Iowa Hospitals and Clinics

*Program Director:*

Zuhair K Ballas, MD  
Univ of Iowa Hosp SE 621  
Dept of Internal Med  
Iowa City, IA 52242-1081  
319 356-3697

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 025-18-21-008

## Maryland

### Bethesda

#### National Institutes of Health Clinical Center Program

NIH Warren Grant Magnuson Clinical Center  
Walter Reed Army Medical Center

*Program Director:*

Thomas A Fleisher, MD  
National Institutes of Health  
Immunology Service  
Bldg 10 Rm 2C 410  
Bethesda, MD 20892  
301 496-8980

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 025-23-21-007

## Massachusetts

### Boston

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Kurt J Bloch, MD  
Massachusetts General Hospital  
32 Fruit St  
Boston, MA 02114-2696  
617 726-3764

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 025-24-21-004

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program\*

St Louis University School of Medicine  
St Louis University Hospital

*Program Director:*

Alan P Knutsen, MD  
Raymond G Slavin, MD  
Div of Allergy & Immunology  
St Louis Univ Med Ctr  
1465 S Grand Blvd  
St Louis, MO 63104  
314 577-5647

*Length:* 2 Year(s)

*Program ID:* 025-28-21-014

## New York

### East Meadow

#### Nassau County Medical Center Program\*

Nassau County Medical Center  
North Shore University Hospital

*Program Director:*

Marianne Frieri, MD PhD  
Dept of Clin Immunopathology  
Nassau County Med Ctr  
2201 Hempstead Trnkp  
East Meadow, NY 11554  
516 542-3214

*Length:* 2 Year(s)

*Program ID:* 025-35-21-015

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

Rebecca H Buckley, MD  
Duke Univ Med Ctr  
Dept of Pediatrics & Immunology  
Box 2898  
Durham, NC 27710  
919 684-2922

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 025-36-21-009

## Texas

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Methodist Hospital  
Texas Children's Hospital

*Program Director:*

David P Huston, MD  
William T Shearer, MD PhD  
Baylor Coll of Medicine  
One Baylor Plaza  
FBRN B567  
Houston, TX 77030-3498  
713 790-5310

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 025-48-21-012

### Lackland AFB

#### Wilford Hall USAF Medical Center Program\*

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Theodore H Freeman, MD  
Dept of Allergy & Immunology  
2200 Berguist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-5717

*Length:* 2 Year(s)

*Program ID:* 025-48-31-017

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Children's Hospital and Medical Center  
University of Washington Medical Center

*Program Director:*

Mark H Wener, MD  
Univ of Washington SB-10  
Dept of Lab Med  
1959 NE Pacific Ave  
Seattle, WA 98195  
206 548-6131

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 025-54-21-011

\* Updated information not provided.

## Colon and Rectal Surgery

### California

#### Los Angeles

##### Los Angeles County-University of Southern California Medical Center Program\*

Los Angeles County-USC Medical Center  
Kenneth Norris Jr Cancer Hospital and Research Institute

*Program Director:*

Robert W Brent Jr, MD  
Univ of Southern California  
Div of Colon & Rectal Surgery  
1510 San Pablo St/Ste 514  
Los Angeles, CA 90033-4612  
213 342-5751

*Length:* 1 Year(s)

*Program ID:* 060-05-21-042

#### Santa Barbara

##### Sansum Medical Clinic/Santa Barbara Medical Foundation Clinic Program

Sansum Medical Clinic  
Santa Barbara Cottage Hospital

*Program Director:*

Elliot Prager, MD  
Sansum Medical Clinic  
PO Box 1239  
Santa Barbara, CA 93102  
805 682-2621

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 060-05-21-027

### Connecticut

#### Hartford

##### St Francis Hospital and Medical Center Program\*

St Francis Hospital and Medical Center

*Program Director:*

David L Walters, MD  
6 Northwestern Dr  
Ste 305  
Bloomfield, CT 06002  
203 242-8591

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 060-08-21-032

### Florida

#### Orlando

##### Orlando Regional Healthcare System Program

Orlando Regional Medical Center  
Florida Hospital

*Program Director:*

Sergio W Larach, MD  
Ctr for Colon and Rectal Treatment  
110 W Underwood St  
Orlando, FL 32806  
407 422-3700

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 060-11-21-037

### Illinois

#### Chicago

##### Cook County Hospital Program

Cook County Hospital

*Program Director:*

Charles P Orsay, MS MD  
Cook County Hospital  
1825 W Harrison St  
Chicago, IL 60612  
312 693-6202

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 060-16-12-001

#### Urbana

##### Carle Foundation Hospital Program

Carle Foundation Hospital

*Program Director:*

Lyn E Targen, MD  
Carle Foundation Hospital  
611 W Park St PVC-4  
Urbana, IL 61801  
217 383-3080

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 060-16-11-002

### Louisiana

#### New Orleans

##### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation

*Program Director:*

J Byron Gathright Jr, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4060

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 060-21-12-003

#### Shreveport

##### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
Schumpert Medical Center

*Program Director:*

H Whitney Boggs Jr, MD  
Dept of Colon and Rectal Surgery  
1801 Fairfield Ave  
Ste 401  
Shreveport, LA 71101-4474  
318 424-8373

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 060-21-21-004

### Maryland

#### Baltimore

##### Greater Baltimore Medical Center Program

Greater Baltimore Medical Center

*Program Director:*

Alan V Abrams, MD  
6569 N Charles St #502  
Baltimore, MD 21204  
410 494-1191

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 060-23-12-005

### Massachusetts

#### Burlington

##### Lahey Clinic Program\*

Lahey Clinic

*Program Director:*

John J Murray, MD  
Lahey Clinic Foundation  
41 Mall Rd  
Burlington, MA 01805  
617 273-8889

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 060-24-12-007

### Michigan

#### Grand Rapids

##### Blodgett Memorial Medical Center Program

Blodgett Memorial Medical Center

*Program Director:*

Martin A Luchtefeld, MD  
Ferguson Clinic  
75 Sheldon Blvd SE  
Grand Rapids, MI 49503  
616 456-0294

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 060-25-12-009

#### Royal Oak

##### William Beaumont Hospital Program

William Beaumont Hospital

*Program Director:*

William L Beauregard, MD  
William Beaumont Hosp  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-5426

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 060-25-12-010

\* Updated information not provided.

## Minnesota

### Minneapolis

#### University of Minnesota Program\*

University of Minnesota Medical School  
Abbott-Northwestern Hospital  
United Hospital  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*  
W Douglas Wong, MD  
Colon and Rectal Surgery Associates  
Suite 313N Court International Bldg  
2550 University Ave W  
St Paul, MN 55114-1084  
612 647-0126

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 060-28-21-011

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Mayo Clinic (Scottsdale)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*  
Richard M Devine, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-5966

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 060-28-21-012

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
St John's Mercy Medical Center  
St Louis University Hospital

*Program Director:*  
Anthony M Vernava III, MD  
St Louis University Medical Center  
3635 Vista at Grand  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8562

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 060-28-21-039

#### Washington University Program

Jewish Hospital of St Louis

*Program Director:*  
James W Fleshman, MD  
Jewish Hospital of St Louis  
216 S Kingshighway  
St Louis, MO 63110  
314 454-7177

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 060-28-21-025

## Nebraska

### Omaha

#### Creighton University Program

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center

*Program Director:*  
Alan G Thorson, MD  
601 N 30th St  
Ste 3520  
Omaha, NE 68131  
402 280-4533

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 060-30-21-035

## New Jersey

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
JFK Medical Center  
Muhlenberg Regional Medical Center

*Program Director:*  
Theodore Eisenstat, MD  
1010 Park Ave  
Plainfield, NJ 07060  
908 756-6640

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 060-38-12-013

## New York

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital

*Program Director:*  
Amarjit S Singh, MD  
SUNY Buffalo Grad Med-Dental Educ Consortium  
85 High St  
Buffalo, NY 14203  
716 852-1200

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 060-35-12-014

### New York

#### St Luke's-Roosevelt Hospital Center Program

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division

*Program Director:*  
Thomas H Dailey, MD  
St Luke's-Roosevelt Hospital Ctr Div of C&R Surgery  
Dept of Surgery  
1000 Tenth Ave  
New York, NY 10019  
212 523-7780

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 060-35-21-034

## Ohio

### Cleveland

#### Cleveland Clinic Foundation (Florida) Program

Cleveland Clinic Foundation  
Cleveland Clinic Hospital  
Cleveland Clinic Florida

*Program Director:*  
Steven D Wexner, MD  
Cleveland Clinic Florida  
Dept of Colon & Rectal Surgery  
3000 W Cypress Creek Rd  
Fort Lauderdale, FL 33309  
305 978-5238

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 060-11-21-038

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*  
Ian C Lavery, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Colorectal Surgery  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 060-38-12-016

## Columbus

#### Grant Medical Center Program

Grant Medical Center

*Program Director:*  
Pedro S Aguilar, MD  
Grant Medical Center  
Dept of Colon and Rectal Surgery  
300 E Town St Ste 800  
Columbus, OH 43215-4632  
614 224-1534

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 060-38-12-017

## Pennsylvania

### Allentown

#### Lehigh Valley Hospital/Pennsylvania State University Program

Lehigh Valley Hospital

*Program Director:*  
Lester Rosen, MD  
Lehigh Valley Hospital  
1275 S Cedar Crest Blvd  
Allentown, PA 18103  
610 433-7571

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 060-41-21-029

### Erie

#### St Vincent Health Center Program

St Vincent Health Center  
Hamot Medical Center

*Program Director:*  
A Craig Brown, MD  
St Vincent Health Center  
232 W 25th St  
Erie, PA 16544  
814 452-5100

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 060-41-12-019

\* Updated information not provided.

**Philadelphia****Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Robert D Fry, MD  
 Thomas Jefferson University Hospital  
 1100 Walnut St Ste 701  
 Philadelphia, PA 19107  
 215 955-5869

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 060-41-21-031**Texas****Dallas****Baylor University Medical Center Program**

Baylor University Medical Center

*Program Director:*

R D Dignan, MD  
 Baylor University Medical Center  
 1209 Barnett Tower  
 3600 Gaston Ave  
 Dallas, TX 75246  
 214 824-2573

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 060-48-21-021**Presbyterian Hospital of Dallas Program**

Presbyterian Hospital of Dallas  
 Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Philip J Huber, Jr, MD  
 Dept of Surgery UTSSWMC  
 5323 Harry Hines Blvd  
 Dallas, TX 75235-9031  
 214 648-3749

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 060-48-21-022**Houston****University of Texas at Houston Program**

University of Texas Medical School at Houston  
 Hermann Hospital

*Program Director:*

H Randolph Bailey, MD  
 University of Texas at Houston  
 6550 Fannin Smith Tower  
 Ste 2307  
 Houston, TX 77030-2723  
 713 790-9250

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 060-48-21-023**Washington****Seattle****Northwest Colon and Rectal Clinic Program**

Northwest Colon and Rectal Clinic PS  
 Northwest Hospital  
 Swedish Medical Center-Seattle

*Program Director:*

Richard P Billingham, MD  
 600 Broadway  
 Ste 400  
 Seattle, WA 98122  
 206 386-6600

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 060-54-21-040**Critical Care Medicine (Anesthesiology)****Arizona****Tucson****University of Arizona Program**

University of Arizona College of Medicine  
 Maricopa Medical Center  
 University Medical Center

*Program Director:*

Charles W Otto, MD  
 Dept of Anesthesiology/Critical Care Program  
 Arizona Health Sciences Center  
 1501 N Campbell Ave  
 Tucson, AZ 85724  
 602 626-7221

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 045-03-21-046**California****Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
 University of California (Irvine) College of Medicine  
 Veterans Affairs Medical Center (Long Beach)

*Program Director:*

David H Wong, MD  
 Dept of Anesthesiology (LBVA)  
 5091 E Seventh St (139)  
 Long Beach, CA 90822  
 310 494-5412

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 045-05-21-011**San Francisco****University of California (San Francisco) Program\***

University of California (San Francisco) School of Medicine  
 San Francisco General Hospital Medical Center  
 University of California (San Francisco) Medical Center

*Program Director:*

Neal H Cohen, MD  
 Dept of Anesthesia  
 505 Parnassus Rm M917  
 San Francisco, CA 94143-0624  
 415 476-1116

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 045-05-21-021**Stanford****Stanford University Program**

Stanford University Hospital

*Program Director:*

Thomas W Peeley, MD  
 Dept of Anesthesia H-3580  
 Stanford University Sch of Med  
 300 Pasteur Dr  
 Stanford, CA 94305-5115  
 415 723-7377

*Length:* 1 Year(s) *Total Positions:* 6**Program ID:** 045-05-21-002**Connecticut****Hartford****Hartford Hospital Program**

Hartford Hospital

*Program Director:*

James J Brakoniec, MD  
 Hartford Hospital  
 Dept of Anesthesiology  
 Hartford, CT 06115  
 203 524-7022

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 045-08-21-035**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
 George Washington University Hospital

*Program Director:*

Richard B Becker, MD  
 George Washington University Medical Center  
 901 23rd St NW  
 Washington, DC 20037  
 202 994-3837

*Length:* 1 Year(s)**Program ID:** 045-10-21-039**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

Darrell W Randle, MD  
 Critical Care Medicine Serv  
 Walter Reed Army Med Ctr  
 6825 16th St NW  
 Washington, DC 20307-5001  
 202 576-4203

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 045-10-21-042**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
 Shands Hospital at the University of Florida  
 Veterans Affairs Medical Center (Gainesville)

*Program Director:*

T James Gallagher, MD  
 University of Florida  
 Box 100254 JHMHC  
 Gainesville, FL 32610-0254  
 904 395-0463

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 045-11-21-009

\* Updated information not provided.

## Miami

### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Albert J Varon, MD  
Univ of Miami-Jackson Memorial Med Ctr  
Dept of Anesthesiology  
1611 NW 12th Ave  
Miami, FL 33136  
305 585-6970

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 045-11-21-004**

## Tampa

### University of South Florida Program\*

University of South Florida College of Medicine  
Tampa General Healthcare  
Veterans Affairs Medical Center (Bay Pines)

*Program Director:*

Roy D Cane, MBCh  
12901 Bruce B Downs Blvd  
Tampa, FL 33612  
813 251-7161

*Length:* 1 Year(s)

**Program ID: 045-11-21-050**

## Illinois

## Chicago

### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Barry A Shapiro, MD  
Northwestern Memorial Hospital  
303 E Superior  
Ste 360  
Chicago, IL 60611  
312 908-2280

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 045-16-21-014**

## Iowa

## Iowa City

### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

ST John Sun-Ping, MD  
University of Iowa Hospitals and Clinics  
Dept of Anesthesia  
Iowa City, IA 52242-1009  
319 356-4138

*Length:* 1 Year(s) *Total Positions:* 3

**Program ID: 045-18-21-003**

## Maryland

## Baltimore

### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Todd Dorman, MD  
Johns Hopkins Hospital  
Dept of Anesthesiology  
Meyer 294  
Baltimore, MD 21287-7294  
410 955-9080

*Length:* 1 Year(s) *Total Positions:* 6

**Program ID: 045-23-21-034**

### University of Maryland Program\*

University of Maryland Medical System

*Program Director:*

Brian McGrath, MD  
University of Maryland  
22 S Green St Rm S11C01  
Baltimore, MD 21201  
410 328-6120

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 045-23-21-029**

## Massachusetts

## Boston

### Beth Israel Hospital Program

Beth Israel Hospital  
Children's Hospital

*Program Director:*

Alan Lisbon, MD  
Beth Israel Hospital  
Dept of Anesthesia & Critical Care  
330 Brookline Ave  
Boston, MA 02215  
617 735-5298

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 045-24-11-001**

### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Richard Teplick, MD  
Massachusetts General Hospital  
Fruit St  
Boston, MA 02114  
617 726-5322

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID: 045-24-31-015**

## Worcester

### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center  
Worcester City Hospital

*Program Director:*

Stephen O Heard, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3407

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 045-24-31-017**

## Michigan

## Detroit

### Henry Ford Hospital Program\*

Henry Ford Hospital

*Program Director:*

Ben Guslits, MD  
2799 W Grand Blvd  
Detroit, MI 48202-2689  
313 876-2545

*Length:* 1 Year(s)

**Program ID: 045-25-21-055**

### Sinai Hospital Program

Sinai Hospital

*Program Director:*

Robert Tawil, MD  
Sinai Hospital  
6767 W Outer Dr  
Detroit, MI 48235-2899  
313 493-5658

*Length:* 1 Year(s)

**Program ID: 045-25-31-019**

## Minnesota

## Rochester

### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)

*Program Director:*

Martin L DeRuyter, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 255-3275

*Length:* 1 Year(s) *Total Positions:* 6

**Program ID: 045-26-21-024**

## Missouri

## St Louis

### Washington University Program\*

Barnes Hospital

*Program Director:*

Walter A Boyle III, MD  
Campus Box 8054  
600 S Euclid Ave  
St Louis, MO 63110  
314 362-8543

*Length:* 1 Year(s)

**Program ID: 045-28-21-056**

## New Hampshire

## Lebanon

### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital

*Program Director:*

Andrew Gettinger, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Ctr Dr  
Lebanon, NH 03756-0001  
603 650-4642

*Length:* 1 Year(s) *Total Positions:* 3

**Program ID: 045-32-21-030**

\* Updated information not provided.

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center

*Program Director:*

W Eric Scott, MD  
Cooper Hospital-University Medical Center  
3 Cooper Plaza Ste 312  
Camden, NJ 08103  
609 342-2408

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-33-21-041

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital

*Program Director:*

Philip D Lumb, MB B S  
Albany Medical Center Hospital  
Dept of Anesthesiology A-131  
43 New Scotland Ave  
Albany, NY 12208-3478  
518 262-4305

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-35-21-044

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

Christopher W Bryan-Brown, MD  
Montefiore Medical Center  
Dept of Anesthesiology  
111 E 210th St  
Bronx, NY 10467  
718 920-4175

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-35-21-026

### Brooklyn

#### SUNY Health Science Center at Brooklyn Program\*

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Long Island College Hospital  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*

Ashraf Boutros, MD  
Dept of Anesthesiology Critical Care  
SUNY HSCE  
450 Clarkson Ave  
Brooklyn, NY 11203  
718 270-1880

*Length:* 1 Year(s)  
**Program ID:** 045-35-11-054

## Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Children's Hospital of Buffalo  
Erie County Medical Center  
Roswell Park Cancer Institute  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Roger E Kaiser Jr, MD  
Dept of Anesthesiology  
Erie County Medical Center  
482 Grider St  
Buffalo, NY 14215  
716 898-3549

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-35-21-051

## New York

#### Mount Sinai School of Medicine Program\*

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*

Andrew B Leibowitz, MD  
Mount Sinai Hosp  
Surgical-ICU (Box 1264)  
One Gustave Levy Pl  
New York, NY 10029-6574  
212 241-9296

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-35-21-020

#### New York Hospital/Cornell Medical Center Program

Memorial Sloan-Kettering Cancer Center  
New York Hospital

*Program Director:*

Graziano C Carlon, MD  
Memorial Sloan-Kettering Cancer Center  
1275 York Ave #210A  
New York, NY 10021  
212 639-6673

*Length:* 1 Year(s) *Total Positions:* 5  
**Program ID:** 045-35-21-006

#### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*

Brian S Kaufman, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6343

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-35-21-016

#### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Charles D Weissman, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032-3784  
212 305-3117

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-35-11-007

## Rochester

#### University of Rochester Program

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Rochester General Hospital

*Program Director:*

Niels Lund, MD PhD  
Dept of Anesthesiology Box 604  
Univ of Rochester Medical Center  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-2141

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 045-35-11-022

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Robert N Sladen, MD  
Dept of Critical Care  
PO Box 3094  
Durham, NC 27710  
919 681-3167

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 045-36-21-052

## Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Roger L Royster, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1009  
910 716-2712

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 045-36-21-023

## Ohio

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland

*Program Director:*

Howard S Nearman, MD  
University Hospitals of Cleveland  
11100 Euclid Ave  
Cleveland, OH 44106-5000  
216 844-7333

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 045-38-21-012

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

William Hoffman, MD  
Cleveland Clinic Foundation  
Dept of Anesth-Critical Care  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 1 Year(s) *Total Positions:* 6  
**Program ID:** 045-38-21-031

\* Updated information not provided.

## Columbus

### Ohio State University Program

Ohio State University Medical Center  
Arthur G James Cancer Hospital and Research Institute  
Children's Hospital

*Program Director:*

Thomas E Reilley, MD  
The Ohio State University Hospitals  
Dept of Anesthesiology  
N416

Columbus, OH 43210

614 293-8487

*Length:* 1 Year(s)

*Program ID:* 045-38-21-049

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Julien F Biebuyck, MB DPhil  
The Milton S Hershey Med Ctr  
Dept of Anesthesia  
PO Box 850

Hershey, PA 17033

717 531-6128

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 045-41-21-038

### Philadelphia

#### Temple University Program

Temple University Hospital  
Fox Chase Cancer Center  
St Christopher's Hospital for Children

*Program Director:*

Rodger E Barnette, MD  
Critical-Care Residency Program  
Temple University Hospital  
3401 N Broad St

Philadelphia, PA 19140

215 707-3326

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 045-41-21-047

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Lehigh Valley Hospital

*Program Director:*

Clifford S Deutschman, MD  
Andrew T Costarino Jr, MD  
Hosp of the Univ of Pennsylvania  
Dept of Anesthesia  
3400 Spruce St

Philadelphia, PA 19104

215 662-3719

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 045-41-21-005

## Pittsburgh

#### Mercy Hospital of Pittsburgh Program

Mercy Hospital of Pittsburgh

*Program Director:*

Richard Kuwik, MD  
Mercy Hospital of Pittsburgh  
1400 Locust St  
Pittsburgh, PA 15219

412 232-8006

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 045-41-21-036

## University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Ake Grenvik, MD  
Univ Hlth Ctr of Pittsburgh  
Critical Care Medicine  
Rm 612 Scaife Hall

Pittsburgh, PA 15261

412 647-3135

*Length:* 1 Year(s) *Total Positions:* 5

*Program ID:* 045-41-21-028

## Tennessee

### Knoxville

#### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

Steve A Morris, MD  
The University of Tennessee  
Graduate School of Medicine  
1924 Alcoa Hwy U-109

Knoxville, TN 37920

615 544-9220

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 045-47-21-045

## Texas

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Mali Mathru, MD  
Univ of Texas Med Branch  
Dept of Anesthesiology  
Galveston, TX 77555-0591

409 772-1881

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 045-48-21-048

### Houston

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital

*Program Director:*

Alan S Tonnesen, MD  
University of Texas Medical School at Houston  
Dept of Anesthesiology  
6431 Fannin 5.020 MSB

Houston, TX 77030

713 792-5566

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 045-48-21-032

## Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)  
Brooke Army Medical Center

*Program Director:*

Thomas E Grissom, MD  
Wilford Hall Med Ctr/PSSA  
2200 Bergquist Dr Ste 1

San Antonio, TX 78236-5300

210 670-7677

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 045-48-21-033

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Charles G Durbin, MD  
University of Virginia Health Sciences Center  
Box 238

Dept of Anesthesiology

Charlottesville, VA 22908

804 924-2283

*Total Positions:* 3

*Program ID:* 045-51-11-027

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Douglas B Coursin, MD  
Univ of Wisconsin Clinical Sci Ctr  
Dept of Anesthesiology B6/319

600 Highland Ave

Madison, WI 53792-3272

608 263-8105

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 045-56-21-008

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Froedtert Memorial Lutheran Hospital

*Program Director:*

Eugene Y Cheng, MD  
Froedtert Memorial Lutheran Hospital  
Anesthesiology Dept

9200 W Wisconsin Ave

Milwaukee, WI 53226

414 259-2715

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 045-56-21-025

\* Updated information not provided.

# Critical Care Medicine (Internal Medicine)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

K. Randall Young Jr, MD  
Dick D Griggs Jr, MD  
University of Alabama  
215 Tinsley Harrison Tower  
1900 University Blvd UAB Station  
Birmingham, AL 35294  
205 934-5400

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 142-01-21-001

## California

### Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Lawrence S Maldonado, MD  
Michael I Lewis, MD  
Cedars-Sinai Medical Center  
8700 Beverly Blvd Rm B114  
Los Angeles, CA 90048-1865  
310 856-4658

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 142-05-11-005

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Paul E Bellamy, MD  
UCLA Dept of Med  
37-131 CHS  
10833 Le Conte Ave  
Los Angeles, CA 90024-1690  
213 825-2565

*Length:* 1 Year(s) *Total Positions:* 8  
*Program ID:* 142-05-11-007

### Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

Gibbe Parsons, MD  
University of California (Davis) Medical Center  
4301 X St  
PO Box 2120  
Sacramento, CA 95817  
916 734-3564

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 142-05-21-009

## San Diego

#### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

*Program Director:*

Dennis E Amundson, DO  
Naval Hospital  
Box 213  
San Diego, CA 92134-5000  
619 532-9067

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 142-05-21-117

## San Francisco

#### University of California (San Francisco) Program\*

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center

*Program Director:*

Michael A Matthay, MD  
John M Luce, MD  
University of California at San Francisco  
Dept of Medicine  
Box 0120  
San Francisco, CA 94143-0120  
415 476-2807

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 142-05-21-011

## Stanford

#### Stanford University Program

Stanford University Hospital

*Program Director:*

Thomas A Raffin, MD  
Stanford University Medical Center  
Div of Pulmonary  
Critical Care Medicine H3151  
Stanford, CA 94305-5236  
415 723-6381

*Length:* 2 Year(s) *Total Positions:* 11  
*Program ID:* 142-05-21-013

## Torrance

#### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Darryl Y Sue, MD  
Harbor-UCLA Medical Center  
Box 20  
1000 W Carson St  
Torrance, CA 90509-2910  
310 222-3801

*Length:* 1 Year(s) *Total Positions:* 6  
*Program ID:* 142-05-11-014

## Colorado

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Rose Medical Center  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Edward Abraham, MD  
University of Colorado Medical Center  
4200 E Ninth Ave  
Box C-272  
Denver, CO 80262  
303 270-7047

*Length:* 1 Year(s)  
*Program ID:* 142-07-21-105

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program\*

Yale-New Haven Hospital  
Hospital of St Raphael

*Program Director:*

Richard A Matthay, MD  
Yale Univ School of Medicine Dept of Med  
Pulmonary/Critical Care (LCI 105)  
333 Cedar St PO Box 208057  
New Haven, CT 06520-8057  
203 785-4196

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 142-08-21-120

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Michael Seneff, MD  
George Washington University Medical Center  
901 23rd St NW  
Washington, DC 20037  
202 944-3836

*Length:* 2 Year(s)  
*Program ID:* 142-10-21-103

#### George Washington University Program 2

George Washington University School of Medicine  
George Washington University Hospital  
NIH Warren Grant Magnuson Clinical Center  
Veterans Affairs Medical Center (Washington DC)  
Washington Hospital Center

*Program Director:*

Herbert N Friedman, MD  
Washington Hospital Center  
Dept of Pulmonary & Crit Care Med  
110 Irving St NW Rm 2A-68  
Washington, DC 20010-2975  
202 877-7856

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 142-10-31-151

\* Updated information not provided.



### Howard University Program\*

Howard University Hospital

*Program Director:*

Richard G Adams, MD

Howard University Hospital

2041 Georgia Ave NW

Tower Bldg Ste 5000 Rm 5120

Washington, DC 20060

202 865-1936

*Length:* 2 Year(s)

*Program ID:* 142-10-21-150

### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Kathryn L Bilello, MD

Critical Care Medicine Service

Walter Reed Army Medical Center

Washington, DC 20307-5001

202 782-4203

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 142-10-21-125

## Florida

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center

Mount Sinai Medical Center of Greater Miami

Veterans Affairs Medical Center (Miami)

*Program Director:*

Roland M H Schein, MD

Dept of Veterans Affairs Medical Center

Critical Care Medicine (111)

1201 NW 16th St

Miami, FL 33125

305 324-3153

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 142-11-21-020

### Tampa

#### University of South Florida Program

University of South Florida College of Medicine

James A Haley Veterans Hospital

Tampa General Healthcare

*Program Director:*

Allan L Goldman, MD

Univ of South Florida

Div of Pulmonary/Critical Care 111C

13000 Bruce B Downs Blvd

Tampa, FL 33612-4798

813 972-7543

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 142-11-21-110

## Illinois

### Chicago

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Joseph E Parrillo, MD

Rush-Presbyterian-St Luke's Medical Center

1653 W Congress Pkwy

Chicago, IL 60612

312 942-2998

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 142-16-11-027

### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Gregory A Schmidt, MD

The University of Chicago Hospitals

Dept of Medicine

5841 S Maryland Ave MC6026

Chicago, IL 60637-1470

312 702-1454

*Length:* 2 Year(s) *Total Positions:* 13

*Program ID:* 142-16-11-024

### North Chicago

#### Finch University of Health Sciences/Chicago Medical School Program

Finch University of Health Sciences/Chicago Medical School

Cook County Hospital

Mount Sinai Hospital Medical Center of Chicago

Veterans Affairs Medical Center (North Chicago)

*Program Director:*

Eric H Gluck, MD

Univ of Hlth Sci/Chicago Med Schl

Dept of Medicine

3333 Green Bay Rd

North Chicago, IL 60064-3095

708 578-3291

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 142-16-21-026

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center

Veterans Affairs Medical Center (Lexington)

*Program Director:*

Richard Glasscock, MD

University Hospital-Albert B Chandler Medical Center

800 Rose St

Lexington, KY 40511

606 233-5045

*Length:* 1 Year(s)

*Program ID:* 142-20-21-126

## Louisiana

### New Orleans

#### Tulane University Program\*

Tulane University School of Medicine

Tulane University Hospital and Clinics

Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

Kevin L Kovitz, MD

Dept of Medicine

1430 Tulane Ave SL9

New Orleans, LA 70112-2699

504 588-2250

*Length:* 1 Year(s) *Total Positions:*

*Program ID:* 142-21-21-153

## Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport

Overton Brooks Veterans Affairs Medical Center

*Program Director:*

Steven A Conrad, MD

Louisiana State University Medical Center

Department of Med Ed (Medicine)

1501 Kings Hwy PO Box 33932

Shreveport, LA 71130-3392

318 674-5920

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 142-21-21-032

## Maryland

### Baltimore

#### Harbor Hospital Center Program\*

Harbor Hospital Center

University of Maryland Medical System

*Program Director:*

John Britten, MD

Medical Institute For Emergency Medical Services

Systems

22 S Greene St

Baltimore, MD 21201

301 328-2052

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 142-23-31-098

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine

Johns Hopkins Hospital

*Program Director:*

Roy G Brower, MD

Michael Breslow, MD

The Johns Hopkins University School of Medicine

720 Rutland Ave

Ross Bldg Ste 858

Baltimore, MD 21205-2196

410 955-3467

*Length:* 1 Year(s) *Total Positions:* 6

*Program ID:* 142-23-11-037

#### University of Maryland Program

University of Maryland Medical System

Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Lewis J Rubin, MD

Henry J Silverman, MD

University of Maryland Medical Center

Div of Pulmonary & Critical Care

10 S Pine St Ste 800

Baltimore, MD 21201-1192

410 706-3344

*Length:* 1 Year(s) *Total Positions:* 9

*Program ID:* 142-23-21-038

## Bethesda

#### National Institutes of Health Clinical Center Program\*

NIH Warren Grant Magnuson Clinical Center

Washington Hospital Center

*Program Director:*

Robert E Cunnion, MD

Bldg 10 Room 7-D-43

National Institutes of Health

Bethesda, MD 20892

301 496-9320

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 142-23-21-128

\* Updated information not provided.

**National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)  
Fairfax Hospital

**Program Director:**

Thomas Walsh, MD  
Pulmonary Medicine  
8901 Wisconsin Ave  
Bethesda, MD 20889-5600  
301 295-4191

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 142-23-11-039

**Massachusetts****Boston****Boston University Program**

Boston University School of Medicine  
Boston City Hospital  
Boston University Medical Center-University Hospital  
Veterans Affairs Medical Center (Boston)

**Program Director:**

Jeffrey S Berman, MD  
Boston University  
Pulmonary Center Room K-600  
80 E Concord St  
Boston, MA 02118  
617 638-4860

*Length:* 1 Year(s) *Total Positions:* 10

**Program ID:** 142-24-21-104

**Brigham and Women's Hospital Program**

Brigham and Women's Hospital  
Beth Israel Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center  
New England Deaconess Hospital

**Program Director:**

Barry D Fuchs, MD  
West Roxbury VA Medical Center  
1400 VFW Pkwy 111B  
West Roxbury, MA 02132  
617 323-7700

*Length:* 1 Year(s) *Total Positions:* 8

**Program ID:** 142-24-21-033

**Massachusetts General Hospital Program**

Massachusetts General Hospital

**Program Director:**

David M Systrom, MD  
Massachusetts General Hospital  
Fruit St  
Bulfinch One  
Boston, MA 02114  
617 726-3734

*Length:* 1 Year(s) *Total Positions:* 15

**Program ID:** 142-24-11-034

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

**Program Director:**

Frederick J Curley, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3855

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 142-24-21-035

**Michigan****Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

**Program Director:**

John Popovich Jr, MD  
Henry Ford Hospital  
Internal Medicine-Critical Care  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2428

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 142-25-11-045

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital

**Program Director:**

Marilyn T Haupt, MD  
Detroit Receiving Hospital  
Dept of Medicine 5S-10  
4201 St Antoine  
Detroit, MI 48201  
313 745-2998

*Length:* 2 Year(s) *Total Positions:* 12

**Program ID:** 142-25-21-043

**Minnesota****Minneapolis****Hennepin County Medical Center Program\***

Hennepin County Medical Center  
Methodist Hospital

**Program Director:**

James W Leatherman, MD  
Hennepin County Medical Center  
701 Park Ave  
Minneapolis, MN 55415  
612 347-2625

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 142-26-21-118

**University of Minnesota Program\***

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

**Program Director:**

David H Ingbar, MD  
Univ of Minnesota Hosp and Clinics  
Box 276 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455  
612 624-0999

*Length:* 1 Year(s) *Total Positions:* 11

**Program ID:** 142-26-21-144

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

**Program Director:**

William F Dunn, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate Schl of Med  
Rochester, MN 55905  
507 255-3275

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 142-26-21-100

**Missouri****St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St John's Mercy Medical Center  
St Louis University Hospital

**Program Director:**

Christopher Veremakis, MD  
St John's Mercy Medical Center  
621 S New Ballas Rd  
Ste 5007  
St Louis, MO 63141  
314 569-6486

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 142-28-21-048

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital

**Program Director:**

Howard L Corwin, MD  
One Medical Center Dr  
Lebanon, NH 03756  
603 650-5000

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 142-32-21-140

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

**Program Director:**

Bruce C Friedman, MD  
Cooper Hospital-University Medical Center  
Three Cooper Plaza  
Ste 312  
Camden, NJ 08103  
609 342-2407

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 142-33-21-051

\* Updated information not provided.

## Newark

### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

*Program Director:*

Matthew G Marin, MD  
UMDNJ-University Hospital  
150 Bergen St

Pulmonary/Crit Care I 354  
Newark, NJ 07103-2406  
201 982-6111

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 142-33-21-135

## Piscataway

### UMDNJ-Robert Wood Johnson Medical School Program 2\*

UMDNJ-Robert Wood Johnson Medical School  
Deborah Heart and Lung Center  
Robert Wood Johnson University Hospital

*Program Director:*

Anthony T Scardella, MD  
UMDNJ-Robert Wood Johnson Medical School  
One Robert Wood Johnson Pl CN19  
New Brunswick, NJ 08903-0019  
908 235-7840

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 142-33-21-137

## South Orange

### Seton Hall University School of Graduate Medical Education Program

Seton Hall University School of Graduate Medical Education  
Elizabeth General Medical Center  
St Michael's Medical Center (Cathedral Health Services Inc)

*Program Director:*

Marc R Adelman, MD  
St Michael's Medical Center  
306 Martin Luther King Blvd  
Newark, NJ 07102  
201 877-5090

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 142-33-11-050

## New Mexico

## Albuquerque

### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Howard Levy, MD  
University of Mexico Dept of Medicine  
5th Fl Ambulatory Care Ctr  
2211 Lomas Blvd NE  
Albuquerque, NM 87131-5271  
505 272-4751

*Length:* 1 Year(s) *Total Positions:* 11  
**Program ID:** 142-34-21-053

## New York

## Bronx

### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses Division

*Program Director:*

Vladimir Kvetan, MD  
Montefiore Medical Center  
Div of Critical Care Medicine  
111 E 210th St  
Bronx, NY 10467  
718 920-5440

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 142-35-21-087

## Brooklyn

### Maimonides Medical Center Program

Maimonides Medical Center

*Program Director:*

Sidney Tessler, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-8380

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 142-35-11-056

### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Linda S Efferen, MD  
SUNY-Health Science Center at Brooklyn  
450 Clarkson Ave  
Box 19  
Brooklyn, NY 11203-2098  
718 270-1770

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 142-35-21-065

## Manhasset

### North Shore University Hospital Program

North Shore University Hospital

*Program Director:*

Peter M Reiser, MD FCCM  
Dept of Medicine Div of Critical Care Medicine  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030  
516 562-4763

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 142-35-21-062

## New York

### Beth Israel Medical Center Program

Beth Israel Medical Center

*Program Director:*

Mark J Rosen, MD  
Beth Israel Medical Center  
One Ave at 16th St  
New York, NY 10003  
212 420-2697

*Length:* 1 Year(s)  
**Program ID:** 142-35-21-146

## Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Englewood Hospital  
Mount Sinai Medical Center  
Queens Hospital Center

*Program Director:*

John M Oropello, MD  
Ernest Benjamin, MD  
Mt Sinai Medical Center  
Surgical-ICU (Box 1284)  
One Gustave Levy Pl  
New York, NY 10029-6574  
212 241-7331

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 142-35-31-060

### New York Hospital/Cornell Medical Center Program

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Jeffrey S Groeger, MD  
Memorial Sloan-Kettering Cancer Center  
1275 York Ave  
New York, NY 10021  
212 794-8114

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 142-35-21-064

### New York Hospital/Cornell Medical Center Program 1\*

New York Hospital

*Program Director:*

Ronald G Crystal, MD  
New York Hospital/Cornell Medical Center  
Pulmonary & Critical Care Medicine  
520 E 70th St  
New York, NY 10021  
212 746-2250

*Length:* 1 Year(s) *Total Positions:* 9  
**Program ID:** 142-35-21-063

### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Glenda J Garvey, MD  
Columbia University  
Dept of Medicine  
630 W 168th St  
New York, NY 10032  
212 305-3272

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 142-35-11-148

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital

*Program Director:*

Carlos R Ortiz, MD  
Genesee Hospital  
Pulmonary and Critical Care Div  
224 Alexander St  
Rochester, NY 14607  
716 232-4527

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 142-35-21-141

\* Updated information not provided.

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Adam Hurewitz, MD  
SUNY at Stony Brook  
HSC 17-040  
Stony Brook, NY 11794-8172  
516 444-1776

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 142-35-21-109

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse

Crouse-Irving Memorial Hospital

*Program Director:*

Leo C Rotello, MD  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-5235

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 142-35-21-108

**Valhalla****New York Medical College (Lincoln) Program**

New York Medical College  
Lincoln Medical and Mental Health Center  
Westchester County Medical Center

*Program Director:*

Anita Soni, MD  
Lincoln Medical and Mental Health Center  
234 E 149th St  
Bronx, NY 10451  
212 579-5874

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 142-35-21-106

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

Mark E Astiz, MD  
St Vincent's Hospital and Medical Center of New York  
Dept of Medicine  
153 W 11th St  
New York, NY 10011  
212 790-8336

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 142-35-11-058

**North Carolina****Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

William J Fulkerson Jr, MD  
Duke University Medical Center  
Box 3121  
Durham, NC 27710  
919 681-5850

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 142-36-21-068

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

David L Bowton, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1054  
910 716-4649

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 142-36-21-069

**Ohio****Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland

*Program Director:*

E Regis McFadden Jr, MD  
Pulmonary/Critical Care Division  
University Hospitals of Cleveland  
11000 Euclid Ave  
Cleveland, OH 44106-4389  
216 844-3201

*Length:* 2 Year(s)

*Program ID:* 142-38-21-072

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Stephen B Hall, MD PhD  
Oregon Health Science University  
3181 SW Sam Jackson Park Rd  
UHN-67  
Portland, OR 97201-3098  
503 494-7680

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 142-40-21-139

**Pennsylvania****Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Clifford W Zwillich, MD  
Milton S Hershey Medical Center  
Pennsylvania State University  
PO Box 850  
Hershey, PA 17033  
717 531-6525

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 142-41-11-079

**Philadelphia****University of Pennsylvania Program\***

Hospital of the University of Pennsylvania  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

John Hansen-Flaschen, MD  
Hospital of the University of Pennsylvania  
Pulmonary/Critical Care Fellowship  
3600 Spruce St 832 W Gates  
Philadelphia, PA 19104-4283  
215 349-5484

*Length:* 1 Year(s)

*Program ID:* 142-41-21-078

**Pittsburgh****University Health Center of Pittsburgh Program 1**

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

David J Powner, MD  
Critical Care Med  
612 Scaife Hall  
Pittsburgh, PA 15261  
412 647-3135

*Length:* 2 Year(s) *Total Positions:* 22

*Program ID:* 142-41-21-114

**Rhode Island****Providence****Brown University (Miriam) Program**

Miriam Hospital  
Rhode Island Hospital

*Program Director:*

William Kaye, MD  
Miriam Hospital  
164 Summit Ave  
Div of Critical Care Med  
Providence, RI 02906  
401 331-8500

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 142-43-11-083

**Brown University Program**

Rhode Island Hospital  
Roger Williams Medical Center  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Sidney S Braman, MD  
Rhode Island Hospital  
593 Eddy St  
Providence, RI 02902  
401 277-5306

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 142-43-11-082

\* Updated information not provided.

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Richard G Wunderink, MD  
The University of Tennessee Memphis  
956 Court Ave RM H314  
Memphis, TN 38163  
901 448-5757

*Length:* 1 Year(s)

*Program ID:* 142-47-21-123

### Texas

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

Gerald R Harrington, MD  
Brooke Army Medical Center  
Dept of Surgery  
Critical Care Med Service  
Fort Sam Houston, TX 78234  
210 916-8250

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 142-48-12-087

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Methodist Hospital

*Program Director:*

Al O Davies, MD  
Baylor College of Medicine Methodist Hospital  
6550 Fannin Ste 1233  
Houston, TX 77030  
713 790-2238

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 142-48-21-091

### Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Stephen Derdak, DO  
59th Medical Wing (PSMP)  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-5235

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 142-48-12-088

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
LDS Hospital

*Program Director:*

James F Orme Jr, MD  
LDS Hospital  
Eighth Ave and C St  
Salt Lake City, UT 84143  
801 321-3661

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 142-49-21-092

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Jonathon D Truwit, MD  
University of Virginia Health Sciences Center  
Box 546  
Charlottesville, VA 22908-0001  
804 924-5210

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 142-51-21-107

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center

*Program Director:*

Leonard D Hudson, MD  
Harborview Medical Center  
325 Ninth Ave  
Seattle, WA 98104  
206 223-3356

*Length:* 2 Year(s) *Total Positions:* 10

*Program ID:* 142-54-21-094

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital  
St Luke's Medical Center

*Program Director:*

Kenneth W Presberg, MD  
Medical College of Wisconsin  
Pulmonary/Critical Care  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5260

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 142-56-21-116

## Cytopathology (Pathology-Anatomic and Clinical)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

William H Rodgers, MD PhD  
Dept of Pathology University of Alabama Hospital  
1922 7th Ave S  
Kracke Bldg Rm 532A  
Birmingham, AL 35293-1924  
205 975-8898

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-01-21-041

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital

*Program Director:*

Michael W Stanley, MD  
University of Arkansas for Medical Sciences  
4301 W Markham Slot 517  
Little Rock, AR 72205-7199  
501 686-5171

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-04-21-034

## California

### Los Angeles

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Dorothy L Rosenthal, MD  
A3-231T  
UCLA Center for the Health Sciences  
10833 LeConte Ave  
Los Angeles, CA 90024-1732  
310 206-6508

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-05-21-013

\* Updated information not provided.

**Connecticut****Hartford****Hartford Hospital Program\***

Hartford Hospital

*Program Director:*

William E Clark II, MD  
Div of Anatomic Pathology  
Hartford Hospital  
Hartford, CT 06102-5037  
203 545-3530

*Length:* 1 Year(s)**Program ID:** 307-08-21-053**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Herschel Sidransky, MD  
George Washington Univ Medical Center Dept of  
Pathology  
Ross Hall 502  
2300 Eye St NW  
Washington, DC 20037  
202 994-3391

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 307-10-21-005**Florida****Gainesville****University of Florida Program\***

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Edward J Wilkinson, MD  
Dept of Pathology  
Univ of Florida Coll of Medicine  
PO Box 100275  
Gainesville, FL 32610  
904 395-0238

*Length:* 1 Year(s)**Program ID:** 307-11-21-047**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)

*Program Director:*

Shahla Masood, MD  
Dept of Pathology  
University Medical Center  
655 W Eighth St  
Jacksonville, FL 32209-6511  
904 549-4387

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 307-11-21-014**Miami****University of Miami-Jackson Memorial Medical Center Program\***

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Parvin Ganjei, MD  
Jackson Memorial Medical Center  
Div of Cytopathology  
PO Box 016960 (R-1)  
Miami, FL 33101  
305 585-6055

*Length:* 1 Year(s)**Program ID:** 307-11-21-024**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

Ted Gansler, MD  
Dept of Pathology  
H-176 Emory University Hospital  
1364 Clifton Rd NE  
Atlanta, GA 30322-8110  
404 727-7328

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 307-12-21-058**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Denise Frias-Hidvegi, MD  
Director of Cytopathology Laboratories  
303 E Superior Passavant Pavilion  
Chicago, IL 60611  
312 908-8090

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)**Program ID:** 307-16-21-037**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Melanie J Castelli, MD  
Foster G McGaw Hospital  
Cytopathology Rm 0125A  
2160 S First Ave  
Maywood, IL 60153  
708 216-5235

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 307-16-21-001**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Liang-Che Tao, MD  
University Hospital Rm 3465  
Div of Cytopathology  
550 N University Blvd  
Indianapolis, IN 46202-5280  
317 274-2361

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 307-17-21-002**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Michael B Cohen, MD  
University of Iowa Hospitals and Clinics  
Dept of Pathology  
200 Hawkins Dr 5216 RCP  
Iowa City, IA 52242-1009  
319 356-4510

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 307-18-21-025**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Diane Davis Davey, MD  
University of Kentucky Medical Center  
Pathology CC444  
Lexington, KY 40536-0093  
606 257-1514

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 307-20-21-008**Louisville****University of Louisville Program**

University of Louisville School of Medicine

*Program Director:*

James E Parker, MD  
University of Louisville School of Medicine  
Humana Hospital—Univ of Louisville  
530 S Jackson St  
Louisville, KY 40202  
502 588-5298

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 307-20-21-036

\* Updated information not provided.

## Louisiana

### New Orleans

#### Louisiana State University Program\*

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Lester Vial Jr, MD  
Dept of Pathology  
LSU School of Medicine  
1901 Perdido St  
New Orleans, LA 70112  
504 568-6031

*Length:* 1 Year(s)

*Program ID:* 307-21-21-051

## Maryland

### Bethesda

#### National Institutes of Health Clinical Center Program\*

NIH Warren Grant Magnuson Clinical Center  
National Naval Medical Center (Bethesda)

*Program Director:*

Andrea Abati, MD  
NIH/National Cancer Institute - Cytopathology Section  
9000 Rockville Pike  
Bldg 10 Rm 2A19  
Bethesda, MD 20892  
301 496-6355

*Length:* 1 Year(s)

*Program ID:* 307-23-21-032

#### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)  
National Cancer Institute

*Program Director:*

Michael Henry, MD  
C MC USN Cytopathology Branch National Naval Medical Ctr  
Lab Dept Bldg 9  
8901 Wisconsin Ave  
Bethesda, MD 20889-5600  
301 295-0192

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-23-21-033

## Massachusetts

### Boston

#### Beth Israel Hospital Program

Beth Israel Hospital

*Program Director:*

Helen H Wang, MD DrPH  
Beth Israel Hospital  
330 Brookline Ave  
Boston, MA 02215  
617 735-4344

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-24-21-030

#### Boston University Program\*

Boston City Hospital  
Boston University Medical Center-University Hospital

*Program Director:*

Antonio de las Morenas, MD  
Boston City Hospital  
784 Massachusetts Ave  
Boston, MA 02118  
617 534-5059

*Length:* 1 Year(s)

*Program ID:* 307-24-21-003

#### Brigham and Women's Hospital Program

Brigham and Women's Hospital

*Program Director:*

Edmund S Cibas, MD  
Cytology Div  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-6797

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 307-24-21-029

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Debra A Bell, MD  
Massachusetts General Hospital  
Fruit St  
Boston, MA 02114  
617 726-3977

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 307-24-21-016

#### New England Deaconess Hospital Program\*

New England Deaconess Hospital  
Brigham and Women's Hospital

*Program Director:*

Ronald G Bardawil, MD  
New England Deaconess Hospital  
Dept of Pathology/Cytology Div  
185 Pilgrim Rd  
Boston, MA 02215  
617 632-9007

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-24-21-026

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Bernard Naylor, MD  
University Hospitals 2G332/0054  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0054  
313 936-6775

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-25-31-019

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Sudha R Kini, MD  
Henry Ford Hospital  
Div of Cytopathology  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2352

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 307-25-21-020

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Harper Hospital  
Hutzel Hospital

*Program Director:*

Carlos W M Bedrossian, MD  
Dept of Cytopathology  
Detroit Medical Center  
4707 St Antoine Blvd  
Detroit, MI 48201  
313 745-0834

*Length:* 1 Year(s)

*Program ID:* 307-25-21-046

## Royal Oak

#### William Beaumont Hospital Program

William Beaumont Hospital

*Program Director:*

Edward G Bernacki Jr, MD  
Dept of Anatomic Pathology  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-9060

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-25-21-015

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program\*

University of Mississippi School of Medicine  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Luciano B Lemos, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-1550

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-27-21-057

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
St Louis University Hospital

*Program Director:*

Lorenzo M Galindo, MD  
3635 Vista at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8347

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 307-28-21-040

\* Updated information not provided.

**New York****Bronx****Albert Einstein College of Medicine  
(West Campus) Program**

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

Leopold G Koss, MD  
Montefiore Medical Center  
Dept of Cytology  
111 E 210th St  
Bronx, NY 10467  
718 920-5185

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 307-35-31-027

**New York****Memorial Sloan-Kettering Cancer Center  
Program**

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Patricia E Saigo, MD  
Memorial Sloan-Kettering Cancer Center  
Cytology Service  
1275 York Ave  
New York, NY 10021  
212 639-5900

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 307-35-21-006

**Mount Sinai School of Medicine  
Program\***

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

David E Burstein, MD  
Dept of Cytopathology Mount Sinai Medical Center  
One Gustave L. Levy Pl  
Annenberg 15-64  
New York, NY 10029  
212 241-9158

*Length:* 1 Year(s)  
**Program ID:** 307-35-31-048

**New York Hospital/Cornell Medical  
Center Program\***

New York Hospital

*Program Director:*

Charles A Santos-Buch, MD  
Dept of Cytology Lab  
The New York Hosp/Cornell Med Ctr  
525 E 68th St  
New York, NY 10021  
212 746-6454

*Length:* 1 Year(s)  
**Program ID:** 307-35-21-042

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester

*Program Director:*

David C Wilbur, MD  
601 Elmwood Avenue Box 626  
Rochester, NY 14642  
716 275-5656

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 307-35-21-031

**Syracuse****SUNY Health Science Center at Syracuse  
Program**

University Hospital-SUNY Health Science Center at  
Syracuse

*Program Director:*

Celeste N Powers, MD PhD  
State University of New York Health Center at Syracuse  
Pathology - Cytopathology  
750 E Adams St  
Syracuse, NY 13210  
315 464-4270

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 307-35-21-022

**Valhalla****New York Medical College at  
Westchester County Medical Center  
Program**

New York Medical College  
Westchester County Medical Center

*Program Director:*

Myron R Melamed, MD  
New York Med Coll  
Basic Sci Bldg  
Room 413  
Valhalla, NY 10595  
914 993-4150

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 307-35-31-007

**North Carolina****Chapel Hill****University of North Carolina Hospitals  
Program**

University of North Carolina Hospitals

*Program Director:*

Susan J Maygarden, MD  
Dept of Pathology  
Univ of N Carolina at Chapel Hill  
CB# 7525 Brinkhous-Bullitt Bldg  
Chapel Hill, NC 27599-7525  
919 966-2339

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 307-36-21-044

**Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

William W Johnson, MD  
Duke University Medical Center  
Dept of Pathology Box 3712  
Durham, NC 27710  
919 684-2486

*Length:* 1 Year(s)  
**Program ID:** 307-36-21-039

**Greenville****East Carolina University Program**

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

Jan F Silverman, MD  
East Carolina University School of Medicine  
Dept of Cytology  
Brody IS-08  
Greenville, NC 27858-4354  
919 816-4951

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 307-36-21-021

**Ohio****Akron****Akron City Hospital (Summa Health  
System)/NEOUCOM Program**

Akron City Hospital (Summa Health System)  
Children's Hospital Medical Center of Akron

*Program Director:*

Sheila Kashkari, MD  
Dept of Cytopathology  
Akron City Hospital  
525 E Market St  
Akron, OH 44309  
216 375-4967

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 307-38-21-045

**Cincinnati****University of Cincinnati Hospital Group  
Program**

University of Cincinnati Hospital

*Program Director:*

Jose L Mira, MD  
Div of Cytopathology  
231 Bethesda Ave ML #529  
Cincinnati, OH 45267-0529  
513 558-9155

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 307-38-21-035

**Cleveland****Case Western Reserve University  
(MetroHealth) Program**

MetroHealth Medical Center

*Program Director:*

Amer Khiyami, MD  
Dept of Pathology/Div of Cytopathology  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-5181

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 307-38-21-038

**Pennsylvania****Danville****Geisinger Medical Center Program\***

Geisinger Medical Center

*Program Director:*

Steven C Meschter, MD  
North Academy Ave  
Danville, PA 17822-0131  
717 271-6332

*Length:* 1 Year(s)  
**Program ID:** 307-41-21-059

\* Updated information not provided.



## Philadelphia

### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Pamela R Edmonds, MD  
Medical College of Pennsylvania  
Dept of Cytopathology  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-7713

*Length:* 1 Year(s) *Total Positions:* 3

**Program ID: 307-41-21-028**

### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Marluce Bibbo, MD  
Thomas Jefferson University Hospital  
260 A Main Bldg  
132 S Tenth St  
Philadelphia, PA 19107  
215 955-1197

*Length:* 1 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID: 307-41-31-009**

### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Prabodh K Gupta, MD  
University of Pennsylvania Medical Center  
6th Fl Founders Pavilion  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 662-3238

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 307-41-31-004**

## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Magee-Womens Hospital

*Program Director:*

Anisa I Kanbour, MD  
David Dusenbery, MD  
Dept of Pathology  
Magee-Womens Hospital  
300 Halket St  
Pittsburgh, PA 15213  
412 641-4657

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 307-41-31-049**

## Wynnewood

### Lankenau Hospital Program\*

Lankenau Hospital

*Program Director:*

Tilde S Kline, MD  
Lankenau Hospital  
100 Lancaster Ave West of City Line  
Wynnewood, PA 19096  
215 645-2623

*Length:* 1 Year(s)

**Program ID: 307-41-21-010**

## South Carolina

### Charleston

### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine

*Program Director:*

Mary M B Wilson, MD  
Medical University of South Carolina  
171 Ashley Ave  
Dept of Pathology/Lab Medicine  
Charleston, SC 29425  
803 792-2171

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 307-45-21-012**

## Texas

### Fort Sam Houston

### Brooke Army Medical Center Program

Brooke Army Medical Center  
Wilford Hall USAF Medical Center (SG)

*Program Director:*

Hansa B Raval, MD  
Cytopathology Fellowship Program  
Brooke Army Medical Center  
Fort Sam Houston, TX 78234-6296  
210 916-9243

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 1)

**Program ID: 307-48-31-017**

### Houston

### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Ibrahim Ranzy, MD  
Baylor College of Medicine  
Div of Cytopathology  
One Baylor Plaza  
Houston, TX 77030-3498  
713 790-4508

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 307-48-21-023**

### University of Texas M D Anderson Cancer Center Program\*

University of Texas M D Anderson Cancer Center

*Program Director:*

Ruth L Katz, MD  
University of Texas M D Anderson Cancer Center  
1515 Holcombe Blvd  
Houston, TX 77030  
713 794-5625

*Length:* 1 Year(s)

**Program ID: 307-48-21-054**

### Lackland AFB

### Wilford Hall USAF Medical Center Program\*

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Prabha H Solanki, MD  
Wilford Hall USAF Medical Center/SGHLAC  
Lackland AFB, TX 78236-5300  
512 670-5507

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 307-48-21-011**

## San Antonio

### University of Texas at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

Philip T Valente, MD  
University of Texas Health Science Center  
Dept of Cytopathology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7750  
210 567-4134

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 307-48-11-018**

## Vermont

### Burlington

### Medical Center Hospital of Vermont Program\*

Medical Center Hospital of Vermont

*Program Director:*

Ann Denise Thor, MD  
Medical Center Hospital of Vermont  
111 Colchester Ave  
Burlington, VT 05401  
802 656-3566

*Length:* 1 Year(s)

**Program ID: 307-50-21-056**

## Virginia

### Richmond

### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University  
Medical College of Virginia Hospitals

*Program Director:*

William J Frable, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980115  
Richmond, VA 23298-0115  
804 786-9738

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID: 307-51-21-055**

## Wisconsin

### Madison

### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

*Program Director:*

Daniel F I Kurtycz, MD  
University of Wisconsin State Laboratory of Hygiene  
465 Henry Mall  
Madison, WI 53706  
608 262-9461

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID: 307-56-21-052**

\* Updated information not provided.

# Dermatology

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*  
W Mitchell Sams Jr, MD  
Dept of Dermatology  
UAB/Univ Station  
SDB 76

Birmingham, AL 35294-0007  
205 934-4141

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Subspecialties:* DMP

**Program ID: 080-01-21-010**

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
Kino Community Hospital  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*  
Ronald C Hansen, MD  
Univ of Arizona Hlth Sci Ctr Section of Dermatology  
1501 N Campbell  
Tucson, AZ 85724  
602 626-7783

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 0)

**Program ID: 080-03-21-012**

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*  
Jere D Guin, MD  
Univ of Arkansas College of Medicine  
4301 W Markham  
Slot 576

Little Rock, AR 72205  
501 686-5110

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 2)

**Program ID: 080-04-21-013**

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*  
Abel Torres, MD  
Loma Linda University Faculty Medical Offices  
Dermatology Ste 2600  
11370 Anderson St  
Loma Linda, CA 92354  
909 796-4842

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)

**Program ID: 080-05-21-111**

### Los Angeles

#### Charles R Drew University Program\*

Charles R. Drew University Of Medicine And Science  
LAC-King/Drew Medical Center

*Program Director:*  
A Paul Kelly, MD  
Martin Luther King Jr-Drew Med Ctr  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
310 603-4571

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 080-05-12-016**

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*  
Ronald M Reisner, MD  
UCLA Schl of Med  
Div of Dermatology  
CHS 52-121  
Los Angeles, CA 90024-1750  
310 825-7144

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 3)

**Program ID: 080-05-21-017**

#### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*  
Thomas H Rea, MD  
Los Angeles County-USC Medical Center  
1200 N State St  
Rm 8440  
Los Angeles, CA 90033  
213 226-3373

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

**Program ID: 080-05-11-015**

### Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*  
Gerald Weinstein, MD  
Dept of Dermatology  
University of California Irvine  
Med Sci I C-340  
Irvine, CA 92717  
714 856-5515

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* DMP

**Program ID: 080-05-21-014**

## Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*  
Edward C Gomez, MD PhD  
Dept of Dermatology  
1605 Alhambra Blvd #2300  
Sacramento, CA 95816  
916 734-6795

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 080-05-21-101**

## San Diego

#### Naval Medical Center (San Diego) Program\*

Naval Medical Center (San Diego)

*Program Director:*  
Capt James H Kerr, MD  
Naval Hospital  
Code 43 Dept of Dermatology  
San Diego, CA 92134-5000  
619 532-9666

*Length:* 3 Year(s)

*Subspecialties:* DMP

**Program ID: 080-05-31-006**

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*  
Irma Gigli, MD  
Div of Dermatology/8420  
UCSD Medical Center  
200 W Arbor Dr  
San Diego, CA 92103-8420  
619 543-5580

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 080-05-21-018**

## San Francisco

#### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*  
Richard B Odom, MD  
Univ of California (San Francisco) Medical Center  
400 Parnassus Ave Rm A-328  
San Francisco, CA 94143-0316  
415 476-2066

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Subspecialties:* DMP

**Program ID: 080-05-21-019**

## Stanford

#### Stanford University Program\*

Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*  
Eugene A Bauer, MD  
Stanford University School of Medicine  
Dept of Dermatology  
900 Blake Wilbur Dr Rm W0069  
Palo Alto, CA 94304-2205  
415 723-7893

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 0)

**Program ID: 080-05-21-020**

\* Updated information not provided.

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Arnold W Gurevitch, MD  
LAC-Harbor UCLA Med Ctr  
Div of Dermatology  
1000 W Carson St Box 9  
Torrance, CA 90509-2910  
310 222-2465

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 0)

*Program ID:* 080-05-11-021

## Colorado

### Aurora

#### Fitzsimons Army Medical Center Program

Fitzsimons Army Medical Center

*Program Director:*

Col James E Fitzpatrick, MD  
Fitzsimons Army Medical Center  
Dermatology Service  
Aurora, CO 80045-5001  
303 361-8647

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 0)

*Program ID:* 080-07-11-003

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

William L Weston, MD  
University of Colorado Hlth Sci Ctr  
4200 E Ninth Ave Box E153  
Denver, CO 80262  
303 270-7738

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 080-07-21-022

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Jean L Bologna, MD  
Yale University School of Medicine Dept of Dermatology  
333 Cedar St  
PO Box 208059 LCI 501  
New Haven, CT 06520-8059  
203 785-4092

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 0)

*Subspecialties:* DMP

*Program ID:* 080-08-21-023

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Mervyn L Elgart, MD  
George Washington University Hospital  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-3496

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)

*Subspecialties:* DMP

*Program ID:* 080-10-21-024

#### Howard University Program

Howard University Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Rebat M Halder, MD  
Howard Univ Hosp  
Dept of Dermatology  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-6725

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 0)

*Program ID:* 080-10-21-025

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Col William D James, MD  
Walter Reed Army Med Ctr  
Dept of Dermatology  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1178

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)

*Program ID:* 080-10-12-004

#### Washington Hospital Center Program

Washington Hospital Center

*Program Director:*

Thomas P Nigra, MD  
Washington Hospital Center  
110 Irving St NW 2B-44  
Washington, DC 20010-2975  
202 877-6654

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 2)

*Program ID:* 080-10-21-106

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Franklin P Flowers, MD  
Div of Dermatology  
Box 100277 JHMHC  
Gainesville, FL 32610  
904 392-4984

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 080-11-21-115

## Miami

### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)

*Program Director:*

William H Eaglstein, MD  
Univ of Miami Schl of Med  
Dept of Dermatology  
PO Box 016250 (R-250)  
Miami, FL 33101-6250  
305 547-6734

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)

*Program ID:* 080-11-21-026

## Tampa

### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Neil A Fenske, MD  
USF Coll of Med  
Div of Dermatology MDC Box 19  
12901 Bruce B Downs Blvd  
Tampa, FL 33612-4799  
813 974-2854

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 080-11-21-096

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Mark R Ling, MD  
Dept of Dermatology  
5001 Woodruff Memorial Building  
Emory University School of Medicine  
Atlanta, GA 30322  
404 727-5872

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

*Program ID:* 080-12-21-028

## Augusta

### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Dwight David Eisenhower Army Medical Center  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Donald C Abele, MD  
Sect of Dermatology  
Medical College of Georgia  
1120 15th St  
Augusta, GA 30912-3190  
706 721-6228

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 080-12-11-029

**Illinois****Chicago****Cook County Hospital Program**

Cook County Hospital  
*Program Director:*  
 Darryl M Bronson, MD  
 Cook County Hospital  
 720 S Wolcott Ave  
 Karl Meyer Hall Rm #104  
 Chicago, IL 60612-9985  
 312 633-8734

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)  
**Program ID: 080-16-12-030**

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
 Children's Memorial Medical Center  
 Northwestern Memorial Hospital  
 Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*  
 David Woodley, MD  
 Dept of Dermatology  
 303 E Chicago Ave  
 Chicago, IL 60611  
 312 908-8173

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID: 080-16-21-031**

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*  
 Roger W Pearson, MD  
 Dept of Dermatology  
 Rush-Presbyterian-St Luke's Med Ctr  
 1653 W Congress Pkwy  
 Chicago, IL 60612-3833  
 312 842-6096

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 0)  
**Program ID: 080-16-11-032**

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*  
 Keyoumars Soltani, MD  
 Sect of Dermatology  
 MC5067  
 5841 S Maryland Ave  
 Chicago, IL 60637-1470  
 312 702-6559

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID: 080-16-11-033**

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
 Edward J Hines Jr Veterans Affairs Hospital  
 University of Illinois Hospital and Clinics  
 Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*  
 Lawrence M Solomon, MD  
 University of Illinois Hospital  
 914 S Wood St MC 675  
 Chicago, IL 60612-7338  
 312 996-2933

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID: 080-16-21-034**

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
 Richard L Roudebush Veterans Affairs Medical Center  
 William N Wishard Memorial Hospital

*Program Director:*  
 Evan R Farmer, MD  
 Indiana University Medical Center  
 550 N University Blvd Ste 3240  
 Indianapolis, IN 46202-5267  
 317 274-7741

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Subspecialties:* DMP  
**Program ID: 080-17-21-035**

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*  
 John S Strauss, MD  
 University of Iowa Hospitals and Clinics  
 BT-2045-1  
 200 Hawkins Dr  
 Iowa City, IA 52242-1090  
 319 356-2274

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID: 080-18-21-036**

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
 University of Kansas Medical Center

*Program Director:*  
 Donald V Belsito, MD  
 University of Kansas Medical Center Dept of Int Med  
 Dermatology Div  
 3901 Rainbow  
 Kansas City, KS 66160-7319  
 913 588-6028

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)  
**Program ID: 080-19-11-037**

**Kentucky****Louisville****University of Louisville Program**

University of Louisville School of Medicine  
 University of Louisville Hospital  
 Veterans Affairs Medical Center (Louisville)

*Program Director:*  
 Jeffrey P Callen, MD  
 Univ of Louisville Hlth Sci Ctr  
 Div of Dermatology  
 Louisville, KY 40292  
 502 852-7287

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 0)  
**Program ID: 080-20-21-038**

**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
 Medical Center of Louisiana at New Orleans-LSU Division  
 Overton Brooks Veterans Affairs Medical Center  
 Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*  
 Lee T Nesbitt Jr, MD  
 Louisiana State University School of Medicine  
 Dept of Dermatology  
 1542 Tulane Avenue Rm 634  
 New Orleans, LA 70112-2822  
 504 568-7110

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID: 080-21-21-109**

**Tulane University Program**

Tulane University School of Medicine  
 Alton Ochsner Medical Foundation  
 Medical Center of Louisiana at New Orleans-Tulane  
 Division

Tulane University Hospital and Clinics

*Program Director:*  
 Larry E Millikan, MD  
 Tulane Univ Schl of Med Dept of Dermatology  
 1430 Tulane Ave  
 Box SL73  
 New Orleans, LA 70112  
 504 588-5114

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 1)  
**Program ID: 080-21-21-108**

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
 Johns Hopkins Bayview Medical Center  
 Johns Hopkins Hospital

*Program Director:*  
 Eva Simmons-O'Brien, MD  
 Johns Hopkins Med Inst  
 600 N Wolfe St  
 Dept of Dermatology-Blalock 920  
 Baltimore, MD 21287-4915  
 410 955-6943

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)  
**Program ID: 080-23-21-040**

**University of Maryland Program**

University of Maryland Medical System  
 Veterans Affairs Medical Center (Baltimore)

*Program Director:*  
 Mark H Lowitt, MD  
 Univ of Maryland Med System  
 405 W Redwood St 6th Fl  
 Baltimore, MD 21201  
 410 328-5766

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID: 080-23-21-041**

\* Updated information not provided.

## Bethesda

### National Institutes of Health Clinical Center Program

NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Stephen I Katz, MD  
National Institutes of Health  
Bldg 10 Rm 12 N 238  
National Cancer Institute  
Bethesda, MD 20892-1908  
301 496-2481

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)

**Program ID: 080-23-12-008**

### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)

*Program Director:*

Dennis A Vidmar, MD  
National Naval Medical Center  
Dept of Dermatology  
Bethesda, MD 20889-5000  
301 295-5496

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

**Program ID: 080-23-11-007**

## Massachusetts

### Boston

#### Boston University/Tufts University Program

Boston University Medical Center-University Hospital  
Boston City Hospital  
New England Medical Center Hospitals  
Veterans Affairs Medical Center (Boston)

*Program Director:*

Barbara A Gilchrist, MD  
David S Feingold, MD  
Boston Univ Schl of Med  
Dept of Dermatology J-100  
80 E Concord St  
Boston, MA 02118-2394  
617 638-5500

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID: 080-24-21-044**

#### Harvard Medical School Program

Massachusetts General Hospital  
Beth Israel Hospital  
Brigham and Women's Hospital  
Children's Hospital  
Lahey Clinic  
New England Deaconess Hospital

*Program Director:*

Howard P Baden, MD  
Massachusetts General Hospital  
Dept of Dermatology  
32 Fruit St Warren 501  
Boston, MA 02114  
617 726-5254

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

**Program ID: 080-24-31-043**

## Worcester

### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*

Thomas G Cropley, MD  
Univ of Massachusetts Med Ctr  
Div of Dermatology  
55 Lake Ave N  
Worcester, MA 01655  
508 856-2156

*Length:* 3 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID: 080-24-21-114**

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Charles N Ellis, MD  
University of Michigan Medical Center  
Dermatology Residency  
1500 E Medical Center Dr 1910 TC  
Ann Arbor, MI 48109-0314  
313 936-4084

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

**Program ID: 080-25-31-045**

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Edward A Krull, MD  
Henry Ford Hospital  
Dept of Dermatology  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2170

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

**Program ID: 080-25-12-046**

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Ken Hashimoto, MD  
Wayne State University/Detroit Medical Center  
4201 St Antoine  
Detroit, MI 48201  
313 577-5057

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID: 080-25-21-047**

## Minnesota

### Minneapolis

#### University of Minnesota Program\*

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Mary Meighan, MD  
Univ Hosp PO Box 98  
420 Delaware St SE  
Minneapolis, MN 55455  
612 625-8625

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 1)

**Program ID: 080-26-31-048**

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Arnold L Schroeter, MD  
MGSM Application Processing Ctr  
Siebens 5th Fl  
Mayo Graduate Schl of Med  
Rochester, MN 55905  
507 284-3108

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

**Program ID: 080-26-21-049**

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Philip C Anderson, MD  
Univ of Missouri Columbia  
1 Hospital Dr Rm #M173  
Columbia, MO 65212  
314 882-3141

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 080-28-21-050**

### St Louis

#### Barnes Hospital Group Program

Barnes Hospital

*Program Director:*

Arthur Z Eisen, MD  
Washington Univ Schl of Med  
Div of Dermatology  
660 S Euclid Ave Box 8123  
St Louis, MO 63110  
314 362-8180

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* DMP

**Program ID: 080-28-21-051**

\* Updated information not provided.

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital

*Program Director:*

Neal S Penneys, MD PhD  
Saint Louis University Health Sciences Center  
Div of Dermatology  
1402 S Grand Blvd  
St Louis, MO 63104  
314 268-5215

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 080-28-21-116**

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Daniel Collison, MD  
Dartmouth-Hitchcock Medical Ctr  
One Medical Center Dr  
Lebanon, NH 03756  
603 650-5180

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 080-32-21-053**

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School Program**

Cooper Hospital-University Medical Center

*Program Director:*

Warren R Heymann, MD  
Cooper Hosp/Univ Med Ctr  
Div of Dermatology  
Three Cooper Plaza Ste 15  
Camden, NJ 08103  
609 596-0111

*Length:* 3 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID: 080-33-21-117**

**Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
UMDNJ-University Hospital

*Program Director:*

Robert A Schwartz, MD  
UMDNJ-New Jersey Med Schl  
185 S Orange Ave  
Newark, NJ 07103-2714  
201 982-6255

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 080-33-21-107**

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Ronald G Wheeland, MD  
Univ of New Mexico  
Dept of Dermatology  
2701 Frontier NE #260  
Albuquerque, NM 87131  
505 277-4757

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 080-34-21-054**

**New York****Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Michael Fisher, MD  
Albert Einstein College of Medicine  
Div of Dermatology  
1300 Morris Park Ave.  
Bronx, NY 10461  
718 430-2081

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 0)

**Program ID: 080-35-31-058**

**Brooklyn****SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Alan R Shalita, MD  
SUNY Health Science Center at Brooklyn  
Dept of Dermatology  
450 Clarkson Ave  
Brooklyn, NY 11203  
718 270-1229

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 0)

**Program ID: 080-35-21-065**

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Stephanie H Pincus, MD  
SUNY at Buffalo Dept of Dermatology  
100 High St  
Ste C319  
Buffalo, NY 14203  
716 845-1566

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

**Program ID: 080-35-21-057**

**New York****Columbia University Program**

Presbyterian Hospital in the City of New York  
St Luke's-Roosevelt Hospital Center

*Program Director:*

Vincent A DeLeo, MD  
Columbia-Presbyterian Med Ctr  
Dept of Dermatology  
630 W 168th St/VC 15-206  
New York, NY 10032-3784  
212 305-6715

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID: 080-35-21-104**

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Beth Israel Medical Center  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*

Raul Fleischmajer, MD  
Mount Sinai Medical Center  
1 Gustave L Levy Pl Box 1047  
New York, NY 10029  
212 241-8151

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 080-35-21-061**

**New York Hospital/Cornell Medical Center Program**

New York Hospital

*Program Director:*

George W Hambrick Jr, MD  
New York Hospital  
525 E 68th St Rm F-340  
New York, NY 10021  
212 746-7274

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

**Program ID: 080-35-21-062**

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Irwin M Freedberg, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-5245

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)

**Program ID: 080-35-21-064**

\* Updated information not provided.

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Lowell A Goldsmith, MD

Strong Memorial Hospital Dept of Dermatology

601 Elmwood Ave

Box 697

Rochester, NY 14642

716 276-3871

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 0)

*Program ID:* 080-35-21-102

## Stony Brook

### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook

Veterans Affairs Medical Center (Northport)

*Program Director:*

Richard A Clark, MD

SUNY at Stony Brook

Dept of Dermatology

Health Science Center T-16-060

Stony Brook, NY 11794-8165

516 444-3843

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 080-35-21-113

## Valhalla

### New York Medical College at Westchester County Medical Center Program

New York Medical College

Bayley Seton Hospital

Lincoln Medical and Mental Health Center

Metropolitan Hospital Center

Westchester County Medical Center

*Program Director:*

Bijan Safai, MD DSc

Dept of Dermatology

New York Medical College

Vosburgh Pavillion Rm 217

Valhalla, NY 10595-8110

914 993-4566

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 080-35-21-063

## North Carolina

### Chapel Hill

### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

Robert A Briggaman, MD

UNC School of Medicine

Dept of Dermatology

137 UNC Hospitals CB#7600

Chapel Hill, NC 27514

919 966-4506

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 080-36-11-066

## Durham

### Duke University Program

Duke University Medical Center

Veterans Affairs Medical Center (Durham)

*Program Director:*

Sheldon R Pinnell, MD

Duke University Medical Center

PO Box 3135

Durham, NC 27710

919 684-5337

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* DMP

*Program ID:* 080-36-21-067

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Joseph L Jorizzo, MD

Bowman Gray Sch of Med of Wake Forest Univ

Dept of Dermatology

Medical Center Blvd

Winston-Salem, NC 27157-1071

910 716-2768

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 080-36-21-110

## Ohio

### Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

*Program Director:*

James J Nordlund, MD

Dept of Dermatology

University of Cincinnati

PO Box 670592

Cincinnati, OH 45267-0592

513 558-6242

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 3)

*Subspecialties:* DMP

*Program ID:* 080-38-21-068

## Cleveland

### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center

*Program Director:*

Bryan R Davis, MD

MetroHealth Med Ctr

2500 MetroHealth Dr

Cleveland, OH 44109-1998

216 459-3030

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 080-38-11-071

### Case Western Reserve University Program

University Hospitals of Cleveland

Veterans Affairs Medical Center (Cleveland)

*Program Director:*

William S Lynch, MD

Univ Hosp of Cleveland

11100 Euclid Ave

Cleveland, OH 44106-5028

216 844-3111

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 080-38-21-069

## Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Charles Camisa, MD

Cleveland Clinic Foundation

9500 Euclid Ave TT32

Dept of Dermatology

Cleveland, OH 44195-5242

216 444-5690

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 080-38-12-070

## Columbus

### Ohio State University Program

Ohio State University Medical Center

*Program Director:*

Arthur E Pellegrini, MD

Ohio State University Division of Dermatology

4731 University Hospitals Clinic

456 W Tenth Ave

Columbus, OH 43210-1282

614 293-8111

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Subspecialties:* DMP

*Program ID:* 080-38-11-072

## Dayton

### Wright State University Program

Wright State University School of Medicine

Children's Medical Center

St Elizabeth Medical Center

USAF Medical Center (Wright-Patterson)

Veterans Affairs Medical Center (Dayton)

*Program Director:*

Tehming Liang, MD

Wright State University School of Medicine

Dept of Dermatology

PO Box 927

Dayton, OH 45401-0927

513 262-0214

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 080-38-21-073

## Oklahoma

### Oklahoma City

### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma

City

Children's Hospital of Oklahoma

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Mark A Everett, MD

Univ of Oklahoma Health Sciences Center

619 NE 13th St

Oklahoma City, OK 73104

405 271-6600

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 3)

*Program ID:* 080-39-21-074

\* Updated information not provided.

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Neil A Swanson, MD  
3181 SW Sam Jackson Park Rd  
Mail Stop L-468  
Portland, OR 97201-3098  
503 494-4713

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)  
**Program ID:** 080-40-21-075

**Pennsylvania****Danville****Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*

O Fred Miller III, MD  
Geisinger Med Ctr  
Dept of Dermatology  
Danville, PA 17822  
717 271-8010

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 080-41-12-076

**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Donald P Lookingbill, MD  
(UPC II) Rm 4300  
500 University Dr  
PO Box 850  
Hershey, PA 17033  
717 531-8307

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 080-41-21-103

**Philadelphia****MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*

Richard L Spielvogel, MD  
Medical College of Pennsylvania and Hahnemann University  
Dept of Dermatology MS#401  
Broad & Vines Sts  
Philadelphia, PA 19102-1192  
215 762-8252

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)  
*Subspecialties:* DMP  
**Program ID:** 080-41-21-077

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Jouni J Uitto, MD PhD  
Thomas Jefferson University Hospital  
Dept of Dermatology  
233 S Tenth St Rm 450  
Philadelphia, PA 19107  
215 955-5785

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)  
**Program ID:** 080-41-11-079

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Graduate Hospital  
Pennsylvania Hospital  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Bernett L Johnson Jr, MD  
University of Pennsylvania School of Medicine  
Dept of Dermatology  
211 Clinical Research Bldg  
Philadelphia, PA 19104-6142  
215 898-3240

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)  
*Subspecialties:* DMP  
**Program ID:** 080-41-21-080

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Brian V Jegasothy, MD  
Univ Dermatology Assoc  
3601 Fifth Ave  
Pittsburgh, PA 15213  
412 648-3250

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)  
*Subspecialties:* DMP  
**Program ID:** 080-41-11-081

**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Jorge L Sanchez, MD  
University Hospital Puerto Rico Med Ctr  
Rio Piedras Station  
San Juan, PR 00921  
809 765-7950

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 080-42-21-082

**Rhode Island****Providence****Brown University Program**

Roger Williams Medical Center  
Memorial Hospital of Rhode Island  
Rhode Island Hospital  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Charles J McDonald, MD  
Roger Williams Med Ctr  
Dept of Dermatology  
50 Maude St  
Providence, RI 02908-4735  
401 456-2590

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)  
*Subspecialties:* DMP  
**Program ID:** 080-43-21-083

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Naval Hospital (Charleston)  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

John C Maize, MD  
Med Univ of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-2215  
803 792-5858

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 0)  
**Program ID:** 080-45-21-099

**Tennessee****Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

E William Rosenberg, MD  
Univ of Tennessee Memphis  
Dept of Dermatology  
956 Court Ave Rm E332  
Memphis, TN 38163  
901 448-5795

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 080-47-21-084

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
Metropolitan Nashville General Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Lloyd E King Jr, MD PhD  
Vanderbilt University School of Medicine  
1211 21st Ave S  
620 Medical Arts Bldg  
Nashville, TN 37212-1226  
615 936-1135

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 080-47-21-098

\* Updated information not provided.



## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)  
Zale-Lipsby University Hospital

*Program Director:*

Ponciano D Cruz Jr, MD  
Univ of Texas Southwestern Med Ctr at Dallas  
5323 Harry Hines Blvd  
Dallas, TX 75235-9069  
214 648-8806

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 080-48-21-085

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

James H Keeling, MD  
Brooke Army Medical Center Dermatology Service  
Bldg 1053  
Fort Sam Houston, TX 78234-6200  
210 916-6120

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

*Program ID:* 080-48-21-005

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Edgar B Smith, MD  
Univ of Texas Medical Branch Hospitals  
Dept of Dermatology  
301 University  
Galveston, TX 77555-0783  
409 772-1911

*Length:* 3 Year(s) *Total Positions:* 2 (GYI: 0)

*Subspecialties:* DMP

*Program ID:* 080-48-11-086

### Houston

#### Baylor College of Medicine Program\*

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

John E Wolf Jr, MD  
Baylor College of Medicine Dept of Dermatology  
One Baylor Plaza  
Houston, TX 77030-3498  
713 798-4046

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 080-48-21-087

### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Robert E Jordon, MD  
The University of Texas-Houston Medical School  
Dept of Dermatology  
6431 Fannin MSB 1.204  
Houston, TX 77030  
713 792-5115

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* DMP

*Program ID:* 080-48-21-100

### Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Col Ronald E Grimwood, MD  
Wilford Hall USAF Medical Center/PSMD  
Dept of Dermatology  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-5360

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 080-48-21-001

### Lubbock

#### Texas Tech University (Lubbock) Program

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*

Ronald P Rapini, MD  
Texas Tech Univ Hlth Sci Ctr  
Dept of Dermatology  
3601 Fourth St  
Lubbock, TX 79430  
806 743-2463

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 080-48-21-105

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

*Program Director:*

Richard L DeVillez, MD  
University of Texas Health Science Center  
Div of Dermatology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7876  
210 567-4887

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 080-48-22-088

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Marta J Petersen, MD  
University of Utah School of Medicine  
Div of Dermatology  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7837

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 080-49-21-112

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Kenneth E Greer, MD  
University of Virginia  
Dept of Dermatology Box 134  
Charlottesville, VA 22908  
804 924-5115

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 080-51-11-089

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Algin B Garrett, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980164  
Richmond, VA 23298-0164  
804 828-9361

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 080-51-21-090

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center

*Program Director:*

Gregory J Raugi, MD/PHD  
Univ of Washington Med Ctr  
1959 NE Pacific St  
Mailstop Rm-14  
Seattle, WA 98195  
206 543-5290

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 0)

*Program ID:* 080-54-31-091

\* Updated information not provided.

**West Virginia****Morgantown****West Virginia University Program\***

West Virginia University Hospitals

*Program Director:*

William A Welton, MD  
West Virginia University Medical Center  
Section of Dermatology Box 9158  
WVU Hlth Sci Ctr 4083 HSN  
Morgantown, WV 26506-9158  
304 293-6618

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)*Subspecialties:* DMP**Program ID:** 080-55-11-092**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
Marshfield Clinic-St Joseph's Hospital  
William S Middleton Veterans Hospital

*Program Director:*

Derek J Cripps, MD  
University Station Clinics  
2880 University Ave  
PO Box 5902  
Madison, WI 53705  
608 263-6230

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)**Program ID:** 080-56-21-093**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyno Hospital

*Program Director:*

Janet A Fairley, MD  
Thomas J Russell, MD  
MCW Clinics At Froedtert  
Dept of Dermatology  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5300

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)**Program ID:** 080-56-21-095**Dermatopathology  
(Dermatology and  
Pathology)****Alabama****Birmingham****University of Alabama Medical Center  
Program**

University of Alabama Hospital  
Birmingham Baptist Medical Center-Montclair  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Emily Omura, MD  
Univ of Alabama in Birmingham  
University Station PO Box 76  
Birmingham, AL 35294  
205 934-3352

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 100-01-21-024**California****Orange****University of California (Irvine) Program\***

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Ronald J Barr, MD  
Dermatopathology Laboratory - Rt 98  
UCI Med Ctr  
101 City Dr S  
Orange, CA 92668  
714 456-5557

*Length:* 1 Year(s)**Program ID:** 100-05-21-053**San Diego****Naval Medical Center (San Diego)  
Program\***

Naval Medical Center (San Diego)  
Scripps Clinic and Research Foundation

*Program Director:*

Barrett, MD  
Dept of Graduate Med Educ 403C  
Scripps Clinic and Research Fnd  
10666 N Torrey Pines Rd  
La Jolla, CA 92037-1093  
619 554-9935

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 100-05-21-038**San Francisco****University of California (San Francisco)  
Program**

University of California (San Francisco) School of  
Medicine

*Program Director:*

Philip E LeBoit, MD  
University of California (San Francisco) School of  
Medicine  
Dept of Pathology  
513 Parnassus Ave  
San Francisco, CA 94143-0506  
415 476-1543

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 100-05-21-035**Stanford****Stanford University Program**

Stanford University Hospital

*Program Director:*

Bruce R Smoller, MD  
Stanford Univ Med Ctr  
300 Pasteur Dr H-2110  
Stanford, CA 94305  
415 725-5192

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 100-05-21-041**Colorado****Denver****University of Colorado Program\***

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Loren E Goltz, MD  
Denver General Hospital Dept of Dermatopathology  
777 Bannock St  
Denver, CO 80204-4507  
303 436-5778

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 100-07-21-022**Connecticut****New Haven****Yale-New Haven Medical Center  
Program**

Yale-New Haven Hospital

*Program Director:*

Philip E Shapiro, MD  
Yale University School of Medicine  
Box 208059  
333 Cedar St  
New Haven, CT 06520-8059  
203 785-7668

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 100-08-21-045**District of Columbia****Washington****Armed Forces Institute of Pathology  
Program**

Armed Forces Institute of Pathology  
Walter Reed Army Medical Center

*Program Director:*

George P Lupton, MD  
Armed Forces Inst of Pathology  
Dept of Dermatopathology  
6825 16th Street NW  
Washington, DC 20306-6000  
202 576-2145

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 100-10-21-019

\* Updated information not provided.

### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Carmen Myrie Williams, MD  
George Washington University Hospital  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-3359

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-10-21-050

## Florida

### Tampa

#### University of South Florida Program\*

University of South Florida College of Medicine  
James A Haley Veterans Hospital

*Program Director:*

L Frank Glass, MD  
University of South Florida College of Medicine  
12901 Bruce B Downs Blvd  
Tampa, FL 33612  
813 972-4270

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-11-21-042

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Alvin R Solomon, MD  
Emory University Sch of Medicine  
Dept of Dermatology Drawer SS  
5001 Woodruff Memorial Res Bldg  
Atlanta, GA 30322  
404 727-0666

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-12-21-044

## Illinois

### Chicago

#### University of Chicago Program

University of Chicago Hospitals  
Michael Reese Hospital and Medical Center

*Program Director:*

Keyoumars Soltani, MD  
Univ of Chicago Med Ctr  
5841 S Maryland Ave MC5067  
Dept of Dermatopathology  
Chicago, IL 60637-1470  
312 702-6559

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 100-16-31-001

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Antoinette F Hood, MD  
Indiana University Medical Center Dept of Dermatology  
550 N University Blvd Ste 3240  
Indianapolis, IN 46202-5267  
317 274-7741

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-17-21-020

## Louisiana

### New Orleans

#### Tulane University Program

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane Division

*Program Director:*

Aizen J Marrogi, MD  
Tulane Univ Med Ctr  
Dept of Pathology  
1430 Tulane Ave  
New Orleans, LA 70112  
504 588-5224

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-21-21-052

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*

Thomas D Horn, MD  
Johns Hopkins Medical Institutions Div of Dermatopathology  
600 N Wolfe St  
Blalock 907  
Baltimore, MD 21287-9977  
410 955-3484

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 100-23-21-026

## Massachusetts

### Boston

#### Boston University/Mallory Institute of Pathology Program

Boston University Medical Center-University Hospital  
Mallory Institute of Pathology Foundation

*Program Director:*

Jag Bhawan, MD  
Boston Univ Schl of Med  
Dept of Dermatology Rm J-308  
609 Albany St  
Boston, MA 02118-2515  
617 638-5570

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 100-24-21-033

## Harvard Medical School Program

Massachusetts General Hospital  
Beth Israel Hospital  
Brigham and Women's Hospital  
Children's Hospital  
New England Deaconess Hospital

*Program Director:*

Lyn M Duncan, MD  
Warren Bldg 827  
32 Fruit St  
Boston, MA 02114-2698  
617 726-8890

*Length:* 1 Year(s) *Total Positions:* 5  
**Program ID:** 100-24-31-002

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Arnold L Schroeter, MD  
MGSM Application Processing Ctr  
Siebens 5th Fl  
Mayo Graduate Schl of Medicine  
Rochester, MN 55905  
507 284-3108

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-26-21-004

## Missouri

### St Louis

#### Barnes Hospital Group Program

Barnes Hospital

*Program Director:*

Louis P Dehner, MD  
Mark R Wick, MD  
Barnes Hospital  
One Barnes Hospital Plaza  
Div of Anatomical Pathology  
St Louis, MO 63110  
314 362-0104

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-28-21-036

## New Jersey

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
UMDNJ-University Hospital

*Program Director:*

W Clark Lambert, MD PhD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave  
Medical Science Bldg Rm H-576  
Newark, NJ 07103-2714  
201 982-6255

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 100-33-21-034

\* Updated information not provided.

**New York****New York****New York Hospital/Cornell Medical Center Program**

New York Hospital  
Memorial Sloan-Kettering Cancer Center  
Rockefeller University Hospital

*Program Director:*

N Scott McNutt, MD  
New York Hosp  
Div of Dermatopathology F-309  
525 E 68th St  
New York, NY 10021-4897  
212 746-6434

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 100-35-21-027

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Hideko Kamino, MD  
New York University Medical Center  
530 First Ave  
New York, NY 10016  
212 263-7250

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 100-35-21-005

**North Carolina****Durham****Duke University Program**

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Robin Vollmer, MD  
Duke University Medical Center  
Box 3712  
Durham, NC 27710  
919 684-3300

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-36-21-006

**Winston-Salem****Bowman Gray School of Medicine Program\***

North Carolina Baptist Hospital

*Program Director:*

Wain L White, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1072  
919 748-2636

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-36-21-039

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

James J Nordlund, MD  
Dermatopathology  
University of Cincinnati  
PO Box 670592  
Cincinnati, OH 45267-0592  
513 558-6242

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-38-11-008

**Cleveland****Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*

Wilma F Bergfeld, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Dermatopathology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-38-12-009

**Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*

Arthur E Pellegrini, MD  
Ohio State Univ Hosp  
4731 University Hospitals Clinic  
456 W Tenth Ave  
Columbus, OH 43210  
614 293-3575

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-38-21-046

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City

Children's Hospital of Oklahoma

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Mark A Everett, MD  
Univ of Oklahoma Hlth Sci Ctr  
Dept of Dermatopathology  
619 NE 13th St  
Oklahoma City, OK 73104  
405 271-6111

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-39-21-010

**Pennsylvania****Philadelphia****MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*

Gary R Kantor, MD  
Hahnemann University Hospital  
Dept of Dermatology 10th Fl  
219 N Broad St  
Philadelphia, PA 19107  
215 299-5190

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-41-21-047

**Thomas Jefferson University Program\***

Thomas Jefferson University Hospital

*Program Director:*

A Bernard Ackerman, MD  
Thomas Jefferson Univ  
Dept of Dermatology & Pathology  
1020 Walnut St PO Box 899  
Philadelphia, PA 19105  
215 955-5604

*Length:* 1 Year(s)

**Program ID:** 100-41-21-055

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania

*Program Director:*

George F Murphy, MD  
Bernett L Johnson Jr, MD  
University of Pennsylvania Clinical Research  
Rm 235B  
422 Curie Blvd  
Philadelphia, PA 19104-4283  
215 898-6527

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 100-41-11-012

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Kevin J Flynn, MD  
E Leon Barnes, MD  
Univ of Pittsburgh Schl of Med  
Dept of Dermatology Ste 145  
3601 Fifth Ave  
Pittsburgh, PA 15228  
412 648-3261

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-41-21-028

**Rhode Island****Providence****Brown University Program**

Roger Williams Medical Center

*Program Director:*

Hendrik A Bogaars, MD  
Roger Williams Medical Center  
825 Chalkstone Ave  
Providence, RI 02908  
401 456-2162

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 100-43-21-031

\* Updated information not provided.

## South Carolina

### Charleston

#### Medical University of South Carolina Program\*

Medical University of South Carolina College of Medicine  
MUSC Medical Center

*Program Director:*

John C Maize, MD  
Medical University Hospital  
171 Ashley Ave  
Charleston, SC 29425-2215  
803 792-5858

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 100-45-21-023

## Tennessee

### Memphis

#### University of Tennessee Program\*

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

George F Bale, MD  
Baptist Memorial Hospital  
899 Madison Ave  
Memphis, TN 38146  
901 227-7560

*Length:* 1 Year(s)  
*Program ID:* 100-47-21-040

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Clay J Cockerell, MD  
2330 Butler St Ste 115  
Dallas, TX 75235-7800  
214 638-2222

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 100-48-21-013

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Ramon L Sanchez, MD  
Univ of Texas Med Branch Hosp  
Dept of Dermatology  
4.112 McCulloch Bldg  
Galveston, TX 77555-0783  
409 772-1911

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 100-48-21-048

## Houston

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Robert E Jordan, MD  
The University of Texas-Houston Medical School  
Dept of Dermatology  
6431 Fannin Ste 1.204  
Houston, TX 77030  
713 792-5115

*Length:* 1 Year(s)  
*Program ID:* 100-49-21-037

## West Virginia

### Morgantown

#### West Virginia University Program\*

West Virginia University Hospitals

*Program Director:*

William A Welton, MD  
West Virginia Univ Hosp  
Hlth Sci Ctr-N  
Rm 4089 Box 9158  
Morgantown, WV 26506  
304 293-6618

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 100-55-21-049

## Emergency Medicine

## Arizona

### Phoenix

#### Maricopa Medical Center Program

Maricopa Medical Center  
St Joseph's Hospital and Medical Center

*Program Director:*

William M Maguire, MD  
Maricopa Medical Center  
Emergency Medicine Dept  
2601 E Roosevelt  
Phoenix, AZ 85008  
602 267-5808

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 8)  
*Program ID:* 110-03-21-062

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center

*Program Director:*

Samuel M Kein, MD  
Univ of Arizona Hlth Sci Ctr  
Sect of Emergency Medicine  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7233

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)  
*Program ID:* 110-03-12-066

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
University Hospital of Arkansas

*Program Director:*

Elicia Sinor, MD  
UAMS  
4301 W Markham Slot 584  
Little Rock, AR 72205-7199  
501 686-5515

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)  
*Program ID:* 110-04-21-071

## California

### Bakersfield

#### Kern Medical Center Program

Kern Medical Center

*Program Director:*

Thomas B Purcell, MD  
1830 Flower St  
Bakersfield, CA 93305  
805 326-2160

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 110-05-12-001

\* Updated information not provided.

**Fresno****University of California (San Francisco)/Fresno Program**

UCSF-Fresno Medical Education Program  
Valley Medical Center of Fresno

*Program Director:*

Herbert G Bivins, MD  
Valley Med Ctr of Fresno  
445 S Cedar Ave  
Fresno, CA 93702-2907  
209 463-5105

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

**Program ID:** 110-05-12-002

**Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Riverside General Hospital-University Medical Center

*Program Director:*

Steven M Green, MD  
Loma Linda Univ Med Ctr  
Dept of Emergency Med A108  
11234 Anderson St  
Loma Linda, CA 92354  
909 824-4085

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

**Program ID:** 110-05-12-068

**Los Angeles****Charles R Drew University Program**

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*

Eugene Hardin, MD  
Martin Luther King Jr-Drew Med Ctr  
12021 S Wilmington Ave Rm 1034  
Dept of Emergency Medicine  
Los Angeles, CA 90059  
310 668-4519

*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 14)

**Program ID:** 110-05-12-004

**UCLA Medical Center Program**

UCLA School of Medicine  
LAC-Olive View Medical Center  
UCLA Medical Center

*Program Director:*

Scott R Votey, MD  
UCLA Medical Center  
Div of Emergency Medicine  
10833 Le Conte Ave  
Los Angeles, CA 90024-1777  
310 794-0575

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 0)

**Program ID:** 110-05-12-003

**University of Southern California Program**

Los Angeles County-USC Medical Center

*Program Director:*

Edward J Newton, MD  
LAC+USC Medical Center  
1200 N State St Box 789  
Los Angeles, CA 90033-1084  
213 226-6667

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 18)

**Program ID:** 110-05-12-005

**Oakland****Highland General Hospital Program**

Highland General Hospital

*Program Director:*

Barry C Simon, MD  
Highland General Hospital  
Dept of Emergency Medicine  
1411 E 31st St  
Oakland, CA 94602-1018  
510 437-4564

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 9)

**Program ID:** 110-05-12-006

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center

*Program Director:*

Mark I Langdorf, MD MHPE  
University of California-Irvine Medical Center  
101 City Dr S Rt 128  
Dept of Emergency Medicine  
Orange, CA 92668  
714 456-5239

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 110-05-21-078

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (South Sacramento)

*Program Director:*

Edward A Panacek, MD  
Div of Emergency Med UCDMC  
2315 Stockton Blvd FOLB I  
Sacramento, CA 95817  
916 734-8571

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 10)

**Program ID:** 110-05-21-097

**San Diego****Naval Medical Center (San Diego) Program\***

Naval Medical Center (San Diego)

*Program Director:*

Gary R Lammert, MD  
Naval Hospital  
Dept of Emergency Med Code CFA  
San Diego, CA 92134-5000  
619 532-8229

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 110-05-12-067

**University of California (San Diego) Program**

University of California (San Diego) Medical Center

*Program Director:*

Peter Rosen, MD  
Dept of Emergency Medicine  
UCSD Medical Center  
200 W Arbor Drive  
San Diego, CA 92103-8819  
619 543-6236

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

**Program ID:** 110-05-21-080

**Stanford****Stanford University Hospital/Kaiser Permanente Medical Center Program**

Stanford University Hospital  
Kaiser Permanente Medical Center (Santa Clara)

*Program Director:*

Rebecca Smith-Coggins, MD  
Stanford University Hospital  
Emergency Medicine - H3680A  
300 Pasteur Dr  
Stanford, CA 94305-5239  
415 723-9215

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)

**Program ID:** 110-05-21-098

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Howard A Bessen, MD  
Los Angeles County Harbor-UCLA Medical Center  
1000 W Carson St Box 21  
PO Box 2910  
Torrance, CA 90509-2910  
310 222-3508

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)

**Program ID:** 110-05-12-008

**Colorado****Denver****Denver Health and Hospitals Program\***

Denver Health and Hospitals  
Porter Memorial Hospital  
Provenant St Anthony Hospital Central  
St Joseph Hospital

*Program Director:*

Richard E Wolfe, MD  
Denver General Hospital  
Emergency Med Serv  
777 Bannock St  
Denver, CO 80204-4507  
303 436-7142

*Length:* 3 Year(s) (GYI: 0)

**Program ID:** 110-07-12-009

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Marc Borenstein, MD  
Div of Emergency Medicine  
263 Farmington Ave  
Farmington, CT 06030-3955  
203 679-4988

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 10)

**Program ID:** 110-08-21-120

\* Updated information not provided.

## Delaware

### Wilmington

#### The Medical Center of Delaware Program

The Medical Center of Delaware

*Program Director:*  
James K Bouzoukis, MD  
Med Ctr of Delaware  
Wilmington Hosp  
PO Box 1668  
Wilmington, DE 19889  
302 428-4178

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
**Program ID:** 110-09-12-057

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
Alexandria Hospital  
Fairfax Hospital  
George Washington University Hospital

*Program Director:*  
Robert Shesser, MD  
The George Washington University  
Dept of Emergency Medicine  
2140 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-3921

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 0)  
**Program ID:** 110-10-12-011

## Florida

### Jacksonville

#### University of Florida Health Science Center/ Jacksonville Program

University Medical Center (UFHSC/J)

*Program Director:*  
Suzanne Shepherd, MD  
University of Florida Health Science Center/Jacksonville  
655 W Eighth St Shell Bldg  
Jacksonville, FL 32209-6561  
904 549-4106

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 0)  
**Program ID:** 110-11-12-058

### Miami

#### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center  
Mount Sinai Medical Center of Greater Miami

*Program Director:*  
Steven H Saef, MD  
Jackson Memorial Medical Center  
Dept of Emergency Medicine  
1611 NW 12th Ave  
Miami, FL 33136  
305 585-6373

*Length:* 3 Year(s)  
**Program ID:** 110-11-21-133

## Orlando

#### Orlando Regional Healthcare System Program

Orlando Regional Medical Center

*Program Director:*  
Jay L Falk, MD  
Orlando Regional Medical Center  
Emergency Medicine Residency Prgm  
1414 Kuhl Ave  
Orlando, FL 32806-2093  
407 237-6329

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
**Program ID:** 110-11-21-072

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Grady Memorial Hospital

*Program Director:*  
David A Kramer, MD  
Emory University School of Medicine  
Div of Emergency Medicine  
69 Butler St SE  
Atlanta, GA 30303-3219  
404 616-4620

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 16)  
**Program ID:** 110-12-12-012

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
University Hospital

*Program Director:*  
Michele B Wagner, MD  
Medical College of Georgia  
Section of Emergency Medicine  
1120 15TH St AF-1044  
Augusta, GA 30912-4007  
706 721-2613

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 0)  
**Program ID:** 110-12-21-090

## Illinois

### Chicago

#### Cook County Hospital Program

Cook County Hospital

*Program Director:*  
Constance S Greene, MD  
Cook County Hospital  
1900 W Polk St 10th Fl  
Chicago, IL 60612  
312 633-3226

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 18)  
**Program ID:** 110-16-21-083

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital

*Program Director:*  
Edward A Michelson, MD FACEP  
Northwestern Univ Med Schl  
Div of Emergency Medicine  
216 E Superior St #100  
Chicago, IL 60611  
312 908-4415

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 7)  
**Program ID:** 110-16-12-015

#### University of Chicago Program

University of Chicago Hospitals  
Lutheran General Hospital

*Program Director:*  
David S Howes, MD  
Univ of Chicago Hospitals Sect of Emergency Medicine  
5841 S Maryland Ave MC5068  
Chicago, IL 60637-1470  
312 702-9500

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 11)  
**Program ID:** 110-16-12-014

#### University of Illinois College of Medicine at Chicago Metropolitan Group Hospitals Program

University of Illinois College of Medicine at Chicago  
Illinois Masonic Medical Center  
Mercy Hospital and Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*  
Raymond Hart, MD  
Univ of Illinois  
1819 W Polk St  
Rm 618 CMW-M/C 724  
Chicago, IL 60612  
312 413-7480

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)  
**Program ID:** 110-16-12-016

#### University of Illinois College of Medicine at Chicago/Christ Hospital Program

University of Illinois College of Medicine at Chicago  
EHS Christ Hospital and Medical Center

*Program Director:*  
Peter O Fried, MD  
Dept of Emergency Medicine  
EHS Christ Hosp & Med Ctr  
4440 W 95th St  
Oak Lawn, IL 60453  
708 346-5375

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)  
**Program ID:** 110-16-12-017

### Peoria

#### University of Illinois College of Medicine at Peoria Program

University of Illinois College of Medicine at Peoria  
St Francis Medical Center

*Program Director:*  
Marc D Squillante, DO  
Saint Francis Medical Center  
Emergency Dept  
530 NE Glen Oak Ave  
Peoria, IL 61637  
309 655-6710

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 8)  
**Program ID:** 110-16-12-069

\* Updated information not provided.

## Indiana

### Indianapolis

#### Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Carey D Chisholm, MD  
Methodist Hospital of Indiana  
1-65 at 21st St  
PO Box 1367  
Indianapolis, IN 46206-1367  
317 929-3525

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 11)

*Program ID:* 110-17-12-018

## Kentucky

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital

*Program Director:*

Salvator Vicario, MD  
Frank Lavoie, MD  
University of Louisville Hospital  
550 S Jackson St  
Louisville, KY 40202  
502 852-5689

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

*Program ID:* 110-20-12-020

## Louisiana

### Baton Rouge

#### Louisiana State University (Baton Rouge) Program

Earl K Long Medical Center  
Baton Rouge General Medical Center

*Program Director:*

Cris V Mandry, MD  
Earl K Long Medical Center  
5825 Airline Hwy  
Baton Rouge, LA 70805-2498  
504 358-3940

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 110-21-21-117

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Kathleen C Hubbell, MD  
Charity Hospital of Louisiana-LSU Div Emergency Med  
Dept  
1592 Tulane Ave Rm 1351  
New Orleans, LA 70140  
504 568-3830

*Length:* 4 Year(s) *Total Positions:* 51 (GYI: 13)

*Program ID:* 110-21-12-021

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*

Gabor D Kelen, MD  
Johns Hopkins Hosp  
600 N Wolfe St  
Baltimore, MD 21287-2080  
410 955-8191

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 12)

*Program ID:* 110-23-12-022

#### University of Maryland Program

University of Maryland Medical System  
Mercy Medical Center

*Program Director:*

Jonathan S Olshaker, MD  
University of Maryland Medical Center  
Emergency Medicine Residency  
419 W Redwood St Ste 280  
Baltimore, MD 21201  
410 328-8025

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 110-23-21-101

## Massachusetts

### Boston

#### Boston City Hospital Program\*

Boston City Hospital

*Program Director:*

Joseph H Kahn, MD  
Boston City Hospital  
Emergency Medicine Dept  
818 Harrison Ave  
Boston, MA 02118  
617 534-4929

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

*Program ID:* 110-24-21-084

### Springfield

#### Baystate Medical Center Program

Baystate Medical Center

*Program Director:*

Stephen J Playe, MD  
Baystate Medical Center  
Dept of Emergency Medicine  
759 Chestnut St  
Springfield, MA 01199  
413 784-5999

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 6)

*Program ID:* 110-24-21-116

### Worcester

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center  
Medical Center of Central Massachusetts  
St Vincent Hospital

*Program Director:*

Francis P Renzi, MD  
Univ of Massachusetts Med Ctr  
55 Lake Ave N H1-712  
Worcester, MA 01655  
508 856-4101

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 110-24-21-074

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
St Joseph Mercy Hospital (Catherine McAuley Health System)

*Program Director:*

Steven C Dronen, MD  
Univ of Michigan Med Ctr  
Dept of Emergency Med  
TC B1354 Box 0303  
Ann Arbor, MI 48109-0303  
313 763-7919

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 12)

*Program ID:* 110-25-21-106

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Bruce M Thompson, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Emergency Medicine-ECFP 1st Fl  
Detroit, MI 48202-2608  
313 876-1552

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 110-25-12-025

#### St John Hospital and Medical Center Program

St John Hospital and Medical Center

*Program Director:*

Don M Benson, DO  
St John Hospital and Medical Center  
Dept of Medical Education  
22101 Moross Rd  
Detroit, MI 48236  
313 343-9875

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 110-25-21-182

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center

*Program Director:*

Robert P Wahl, MD  
Emergency Medicine Dept  
8B Univ Hlth Ctr  
4201 St Antoine  
Detroit, MI 48201-2194  
313 993-2530

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 110-25-12-024

#### Wayne State University/Grace Hospital Program

Wayne State University School of Medicine  
Grace Hospital

*Program Director:*

Martin Harris, MD  
Grace Hospital  
6071 W Outer Dr  
Detroit, MI 48235-2679  
313 966-1020

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 110-25-12-059

\* Updated information not provided.



## Grand Rapids

### Butterworth Hospital Program

Butterworth Hospital

*Program Director:*

Gwendolyn L Hoffman, MD  
Butterworth Hospital  
100 Michigan Ave NE  
Grand Rapids, MI 49503  
616 776-1973

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

**Program ID:** 110-25-12-026

## Kalamazoo

### Kalamazoo Center for Medical Studies/Michigan State University Program

Kalamazoo Center for Medical Studies  
Borgess Medical Center  
Bronson Methodist Hospital

*Program Director:*

David T Overton, MD  
Michigan State Univ  
Dept of Emergency Med  
1000 Oakland Dr  
Kalamazoo, MI 49008  
616 337-6600

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 110-25-21-124

## Lansing

### Sparrow Hospital/Michigan State University Program\*

Sparrow Hospital  
Michigan Capital Medical Center

*Program Director:*

Michael R Clark, MD  
MSU-Emergency Medicine Program-Lansing  
PO Box 30480  
1215 S Michigan Ave  
Lansing, MI 48909  
517 483-2588

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 110-25-12-027

## Royal Oak

### William Beaumont Hospital Program

William Beaumont Hospital  
William Beaumont Hospital-Troy

*Program Director:*

James E Cisek, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-2015

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 8)

**Program ID:** 110-25-12-065

## Minnesota

## Minneapolis

### Hennepin County Medical Center Program

Hennepin County Medical Center

*Program Director:*

Douglas D Brunette, MD  
Hennepin County Medical Center  
701 Park Ave S  
Minneapolis, MN 55415  
612 347-5683

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 110-26-12-028

## Mississippi

## Jackson

### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

Robert L Galli, MD  
Div of Emergency Med  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5571

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

**Program ID:** 110-27-21-073

## Missouri

## Kansas City

### University of Missouri at Kansas City Program

University of Missouri-Kansas City School of Medicine  
Truman Medical Center-West

*Program Director:*

Mark T Steele, MD  
Truman Med Ctr  
Dept of Emergency Medicine  
2301 Holmes  
Kansas City, MO 64108  
816 556-3127

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

**Program ID:** 110-28-12-029

## New Jersey

## Morristown

### Morristown Memorial Hospital Program

Morristown Memorial Hospital

*Program Director:*

Mark Mandell, MD  
Morristown Memorial Hosp  
100 Madison Ave  
PO Box 1956  
Morristown, NJ 07962-1956  
201 971-5010

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 110-33-12-060

## New Mexico

## Albuquerque

### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Judith C Brillman, MD  
Univ of New Mexico School of Medicine  
Dept of Emergency Medicine  
2211 Lomas Ave NE Amb Care-4W  
Albuquerque, NM 87131-5246  
505 272-5062

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)

**Program ID:** 110-34-21-075

## New York

## Albany

### Albany Medical Center Program

Albany Medical Center Hospital

*Program Director:*

Joel Bartfield, MD  
Dept of Emergency Medicine A-139  
Albany Med Coll  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 262-3773

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)

**Program ID:** 110-35-21-086

## Bronx

### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center

*Program Director:*

Paul Gennis, MD  
1W20 Jacobi Hosp  
Pelham Pkwy S & Eastchester Rd  
Bronx, NY 10461  
718 918-5814

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 0)

**Program ID:** 110-35-12-030

## Brooklyn

### Brooklyn Hospital Center Program

Brooklyn Hospital Center

*Program Director:*

Joseph J Sachter, MD FACEP  
Brooklyn Hosp Ctr  
121 Dekalb Ave  
Brooklyn, NY 11201  
718 250-6889

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

**Program ID:** 110-35-21-093

## Buffalo

### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium

Buffalo General Hospital  
Erie County Medical Center  
Millard Fillmore Hospitals

*Program Director:*

G Richard Braen, MD  
Dept of Emergency Med  
Buffalo General Hospital  
100 High St Rm A134  
Buffalo, NY 14203-1154  
716 845-1993

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 110-35-31-127

\* Updated information not provided.

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Bronx Municipal Hospital Center

*Program Director:*

Joseph LaMantia, MD  
Long Island Jewish Med Ctr  
Dept of Emergency Med  
New Hyde Park, NY 11042  
718 470-7501

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 0)

*Program ID:* 110-35-12-062

**New York****Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Beth Israel Medical Center  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*

Kai M Sturmann, MD  
Beth Israel Medical Center  
Department of Emergency Medicine  
First Ave at 16th St  
New York, NY 10003-9973  
212 420-4253

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 0)

*Program ID:* 110-35-21-087

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*

Wallace A Carter Jr, MD  
Bellevue Hospital Center  
Emergency Dept  
27th St & First Ave  
New York, NY 10016  
212 561-4317

*Length:* 4 Year(s) *Total Positions:* 43 (GYI: 13)

*Program ID:* 110-35-21-092

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Gregg Husk, MD  
St Luke's-Roosevelt Hospital Center  
Emergency Medicine Residency Prog  
1000 Tenth Ave  
New York, NY 10019-1105  
212 523-6949

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 110-35-21-109

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Ray E Keller, MD  
Strong Memorial Hosp  
Dept of Emergency Medicine  
601 Elmwood Ave Box 655  
Rochester, NY 14642-8655  
716 273-4124

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 8)

*Program ID:* 110-35-21-131

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

*Program Director:*

Frederick Schiavone, MD  
SUNY at Stony Brook  
Univ Med Ctr Level 4-515  
Stony Brook, NY 11794-7400  
516 444-3880

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 6)

*Program ID:* 110-35-21-091

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

St Joseph's Hospital Health Center

*Program Director:*

Gary A Johnson, MD  
Dept of Emergency Medicine  
University Hospital  
750 E Adams St  
Syracuse, NY 13210  
315 464-4363

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 110-35-21-121

**Valhalla****New York Medical College (Lincoln) Program**

New York Medical College  
Lincoln Medical and Mental Health Center  
Our Lady of Mercy Medical Center

*Program Director:*

Joel Gernsheimer, MD  
Lincoln Med & Mental Hlth Ctr  
234 E 149th St  
Bronx, NY 10451  
718 579-5200

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 0)

*Program ID:* 110-35-12-053

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals  
Wake Medical Center

*Program Director:*

Judith Tintinalli, MD  
Dept of Emergency Medicine  
UNC Sch of Medicine CB #7594  
Chapel Hill, NC 27599-7594  
919 566-5933

*Length:* 3 Year(s)

*Program ID:* 110-36-21-130

**Charlotte****Carolinas Medical Center Program**

Carolinas Medical Center

*Program Director:*

Robert E Schneider, MD  
Carolinas Med Ctr  
PO Box 32861  
Charlotte, NC 28232-2861  
704 365-3181

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 10)

*Program ID:* 110-36-12-032

**Greenville****East Carolina University Program**

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

Charles K Brown, MD  
Pitt County Memorial Hospital  
2100 Stantonsburg Rd  
PO Box 6028  
Greenville, NC 27835-6028  
919 816-4184

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 110-36-12-063

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital  
Forsyth Memorial Hospital

*Program Director:*

Earl Schwartz, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1089  
910 716-4625

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 110-36-12-033

**Ohio****Akron****Akron City Hospital (Summa Health System)/NEOUCOM Program**

Akron City Hospital (Summa Health System)

*Program Director:*

Michael Beeson, MD  
Akron City Hosp  
525 E Market St  
Akron, OH 44309  
216 375-4021

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 110-38-12-034

**Akron General Medical Center/NEOUCOM Program**

Akron General Medical Center

*Program Director:*

John C Bradford, DO  
Akron General Medical Center  
400 Wabash Ave  
Akron, OH 44307  
216 384-6326

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

*Program ID:* 110-38-12-035

**Cincinnati****University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital

*Program Director:*

W Brian Gibler, MD  
Univ of Cincinnati Med Ctr  
Mail Location 769  
231 Bethesda Ave Rm 1505  
Cincinnati, OH 45267-0769  
513 558-8086

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 10)

*Program ID:* 110-38-12-036

\* Updated information not provided.

## Cleveland

### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center

*Program Director:*

Charles L Emerman, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-5088

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 110-38-21-110

### Mount Sinai Medical Center of Cleveland Program

Mount Sinai Medical Center of Cleveland

*Program Director:*

Jonathan Glauser, MD  
Mount Sinai Medical Center  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
216 421-4022

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 110-38-12-037

## Columbus

### Ohio State University Program

Ohio State University Medical Center  
Riverside Methodist Hospitals

*Program Director:*

Daniel R Martin, MD  
Ohio State University Hospital  
108 Means Hall  
1654 Upham Dr  
Columbus, OH 43210-1228  
614 293-8306

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)

*Program ID:* 110-38-12-038

## Dayton

### Wright State University Program

Wright State University School of Medicine  
Good Samaritan Hospital and Health Center  
Kettering Medical Center  
USAF Medical Center (Wright-Patterson)

*Program Director:*

Glenn C Hamilton, MD  
c/o Cox Inst  
3625 Southern Blvd  
Kettering, OH 45429  
513 296-7839

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)

*Program ID:* 110-38-12-039

## Toledo

### St Vincent Medical Center/Toledo Hospital Program\*

St Vincent Medical Center  
Toledo Hospital

*Program Director:*

Randall King, MD  
St Vincent Med Ctr  
2213 Cherry St  
Toledo, OH 43608  
419 321-4723

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 110-38-12-040

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

Baptist Medical Center of Oklahoma  
Children's Hospital of Oklahoma  
HCA Presbyterian Hospital  
St Anthony Hospital  
University Hospital and Clinics

*Program Director:*

James S Walker, DO  
University of Oklahoma Health Sciences Center  
PO Box 26307  
Rm EB #319  
Oklahoma City, OK 73126  
405 271-5135

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

*Program ID:* 110-39-12-041

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital

*Program Director:*

Harold Thomas, MD  
Oregon Health Sciences University UHN 52  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-7010

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 6)

*Program ID:* 110-40-12-042

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

James P Gillen, MD  
Geisinger Medical Center  
Dept of Emergency Medicine  
Danville, PA 17821  
717 271-6812

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Program ID:* 110-41-12-043

## Philadelphia

#### Albert Einstein Medical Center Program

Albert Einstein Medical Center

*Program Director:*

John W Becher Jr, DO  
Albert Einstein Med Ctr  
5501 Old York Rd  
Philadelphia, PA 19141  
215 456-8236

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 10)

*Program ID:* 110-41-21-122

### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital  
Mercy Catholic Medical Center-Misericordia Division

*Program Director:*

Robert M McNamara, MD  
Medical College of Pennsylvania  
Emergency Medicine  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6548

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 110-41-12-045

### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
Methodist Hospital

*Program Director:*

Mark L Zwanger, MD  
Thomas Jefferson University Hospital  
Div of Emer Med 239 Thompson Bldg  
11th & Walnut Sts  
Philadelphia, PA 19107  
215 955-6844

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 12)

*Program ID:* 110-41-12-064

## Pittsburgh

### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Marcus L Martin, MD  
Dept of Emergency Medicine  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-4905

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 110-41-12-064

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Mercy Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Western Pennsylvania Hospital

*Program Director:*

Allan B Wolfson, MD  
University Health Center of Pittsburgh  
230 McKee Pl Ste 500  
Pittsburgh, PA 15213  
412 578-3180

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 12)

*Program ID:* 110-41-12-065

## York

### York Hospital Program

York Hospital

*Program Director:*

Dane M Chapman, MD PhD  
Dept of Emergency Medicine  
York Hospital  
1001 S George St  
York, PA 17405  
717 851-3070

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)

*Program ID:* 110-41-21-089

\* Updated information not provided.

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Juan A Gonzalez-Sanchez, MD  
Univ of Puerto Rico Schl of Med  
GPO Box 70184  
San Juan, PR 00936  
809 765-1594

*Length:* 3 Year(s)

**Program ID:** 110-42-12-046

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital

*Program Director:*

Daniel L Savitt, MD  
Rhode Island Hospital  
Dept of Emergency Medicine  
593 Eddy St Samuels 2nd Fl  
Providence, RI 02903  
401 444-4247

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 110-43-21-114

## South Carolina

### Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program

Richland Memorial Hospital-Univ of South Carolina Sch of Med

*Program Director:*

Joseph S Myslinski, MD  
Richland Memorial Hospital  
Five Richland Medical Pk  
Dept of Emergency Medicine  
Columbia, SC 29203  
803 434-7088

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 6)

**Program ID:** 110-45-12-047

## Tennessee

### Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center

*Program Director:*

Keith Wrenn, MD  
703 Oxford House  
Vanderbilt Univ Med Ctr  
Nashville, TN 37232  
615 936-1157

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 6)

**Program ID:** 110-47-21-113

## Texas

### El Paso

#### Texas Tech University (El Paso) Program

Texas Tech University Health Sciences Center at El Paso  
RE Thomason General Hospital

*Program Director:*

Matthew J Walsh, MD  
Texas Tech Univ Hlth Sci Ctr  
Dept of Emergency Med  
6090 Surety Dr #412  
El Paso, TX 79905-2060  
915 771-6482

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 110-48-12-070

### Fort Hood

#### Darnall Army Community Hospital Program

Darnall Army Community Hospital

*Program Director:*

Marco Coppola, DO  
Director Emergency Medicine Residency Program  
Darnall Army Community Hospital  
Dept of Emergency Medicine  
Fort Hood, TX 76544-5063  
817 288-8303

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 110-48-12-048

### Fort Sam Houston

#### Joint Military Medical Centers-San Antonio Program\*

Brooke Army Medical Center  
Wilford Hall USAF Medical Center (SG)

*Program Director:*

James A Morgan, DO  
Brooke Army Med Ctr  
2450 Stanley Rd  
Fort Sam Houston  
San Antonio, TX 78234-6245  
210 916-6638

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 24)

**Program ID:** 110-48-21-085

### Houston

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital

*Program Director:*

Jay L Kovar, MD  
Dept of Emergency Medicine  
6431 Fannin MSB 5.232  
Houston, TX 77030  
713 792-4969

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 110-48-21-096

## Temple

#### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital  
Olin E Teague Veterans Center

*Program Director:*

Carl W Gossett, MD  
Texas A&M-Scott and White  
Graduate Med Educ  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

**Program ID:** 110-48-21-102

## Virginia

### Charlottesville

#### University of Virginia Program\*

University of Virginia Medical Center

*Program Director:*

Scott A Syveraud, MD  
Div of Emergency Med  
Univ of Virginia Hlth Sci Ctr  
PO Box 523-21  
Charlottesville, VA 22908  
804 924-8485

*Length:* 3 Year(s)

**Program ID:** 110-51-21-125

### Norfolk

#### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
Sentara Norfolk General Hospital

*Program Director:*

Francis L Counselman, MD  
Sentara Norfolk General Hospital Dept of Emergency Med  
600 Gresham Dr  
Raleigh Bldg Rm 206  
Norfolk, VA 23507-1999  
804 668-3397

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 8)

**Program ID:** 110-51-12-050

### Portsmouth

#### Naval Medical Center (Portsmouth) Program\*

Naval Medical Center (Portsmouth)  
DePaul Medical Center

*Program Director:*

David W Munter, MD  
Naval Hosp  
Dept of Emergency Medicine  
Portsmouth, VA 23708-5000  
804 398-7758

*Length:* 3 Year(s)

**Program ID:** 110-51-21-105

\* Updated information not provided.

## Washington

### Tacoma

#### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*

Matthew M Rice, MD

Madigan Army Medical Center Dept of Emergency

Medicine

Bldg 6040 Reid St

Tacoma, WA 98431-5000

206 968-1260

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

*Program ID:* 110-54-12-051

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

William D Ramsey, MD

Robert C. Byrd Health Sciences Center at West Virginia

Univ

Dept of Emergency Medicine

PO Box 9149

Morgantown, WV 26506-9149

304 293-7215

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 110-55-21-128

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

John L Doyne Hospital

*Program Director:*

Gary L Swart, MD

Medical College of Wisconsin Dept of Emergency

Medicine

8700 W Wisconsin Ave

Box 204

Milwaukee, WI 53226

414 257-5388

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)

*Program ID:* 110-56-12-052

## Endocrinology, Diabetes, and Metabolism (Internal Medicine)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program\*

University of Alabama Hospital

*Program Director:*

Jeffrey E Kudlow, MD

University of Alabama

Div of Endocrinology & Metabolism

1808 Seventh Ave S/DREB 756

Birmingham, AL 35294-0012

205 934-4116

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 143-01-21-103

## Arizona

### Phoenix

#### Good Samaritan Regional Medical Center Program

Good Samaritan Regional Medical Center

Carl T Hayden Veterans Affairs Medical Center (Phoenix)

Maricopa Medical Center

*Program Director:*

James V Felicetta, MD

Carl T Hayden Veterans Affairs Med Ctr

Med Service (111)

650 E Indian Schl Rd

Phoenix, AZ 85012

602 222-6436

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 143-03-21-169

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine

Kino Community Hospital

University Medical Center

Veterans Affairs Medical Center (Tucson)

*Program Director:*

David G Johnson, MD

Univ of Arizona Dept of Medicine

1501 N Campbell Ave

Tucson, AZ 85724

602 626-6376

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-03-21-090

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine

John L McClellan Memorial Veterans Hospital

University Hospital of Arkansas

*Program Director:*

Stavros C Manolagas, MD Ph D

Univ of Arkansas for Medical Sciences

4301 W Markham St Slot 587

Little Rock, AR 72205

501 686-5130

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 143-04-21-165

## California

### La Jolla

#### Scripps Clinic and Research Foundation Program

Scripps Clinic and Research Foundation

*Program Director:*

George E Dailey III, MD

Dept of Graduate Med Education/403C

Scripps Clinic & Research Fnd

10666 N Torrey Pines Rd

La Jolla, CA 92037-1093

619 554-8956

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-05-21-057

### Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Mayer B Davidson, MD

Cedars-Sinai Medical Center

8700 Beverly Blvd B131

Los Angeles, CA 90048-1869

310 855-4618

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 143-05-11-092

#### UCLA Medical Center Program

UCLA School of Medicine

UCLA Medical Center

*Program Director:*

Andre Van Herle, MD

UCLA Schl of Med

Ctr for the Hlth Sciences

Los Angeles, CA 90024-1736

213 825-5874

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 143-05-11-105

#### University of Southern California Program\*

Los Angeles County-USC Medical Center

USC University Hospital

*Program Director:*

Willa Hsueh, MD

LAC/USC Medical Center

Div of Endocrinology

1200 N State St Rm 8250

Los Angeles, CA 90033

213 226-7616

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-05-21-041

\* Updated information not provided.

**Veterans Affairs Medical Center (West Los Angeles) Program**

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Jerome M Hershman, MD  
 West Los Angeles VA Medical Center  
 Wilshire & Sawtelle Blvds  
 Los Angeles, CA 90073  
 310 824-4442

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-05-31-049

**Los Angeles (Sepulveda)****UCLA San Fernando Valley Program**

Veterans Affairs Medical Center (Sepulveda)  
 LAC-Olive View Medical Center

*Program Director:*

Michael L Tuck, MD  
 Veterans Administration Medical Center  
 16111 Plummer St  
 Sepulveda, CA 91343  
 818 895-9395

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-05-21-106

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
 Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Ellis R Levin, MD  
 Dept of Veterans Affairs Med Ctr  
 Dept of Endocrinology  
 5901 E Seventh St  
 Long Beach, CA 90822  
 310 494-5748

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-05-21-122

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

Robert M Walter Jr, MD  
 University of California (Davis) Medical Center  
 4301 X St  
 Sacramento, CA 95817  
 916 734-3739

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-05-21-078

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
 Veterans Affairs Medical Center (San Diego)

*Program Director:*

Steven V Edelman, MD  
 B Lynn Seely, MD  
 University of California San Diego  
 Dept of Medicine (9111 G)  
 La Jolla, CA 92093  
 619 534-6651

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 143-05-21-139

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
 San Francisco General Hospital Medical Center  
 University of California (San Francisco) Medical Center  
 Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Gordon J Strewler, MD  
 VA Medical Center (111-N)  
 Univ of California (San Francisco)  
 4150 Clement St  
 San Francisco, CA 94121  
 415 750-2089

*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 143-05-21-124

**Stanford****Stanford University Program**

Stanford University Hospital  
 Santa Clara Valley Medical Center  
 Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Fredric B Kraemer, MD  
 Stanford University Hospital  
 Dept of Medicine  
 300 Pasteur Dr  
 Stanford, CA 94305-5103  
 415 723-6054

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 143-05-21-022

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Ronald S Swerdloff, MD  
 Los Angeles County-Harbor-UCLA Medical Center  
 1000 W Carson St Box 446  
 Torrance, CA 90509-2910  
 310 222-1867

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-05-11-140

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
 Denver Health and Hospitals  
 Veterans Affairs Medical Center (Denver)

*Program Director:*

E Chester Ridgway, MD  
 University of Colorado Health Sciences Center  
 Div of Endocrinology Metab & Diab  
 4200 E Ninth Ave B151  
 Denver, CO 80262  
 303 270-8443

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 143-07-21-050

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
 Hartford Hospital  
 St Francis Hospital and Medical Center  
 Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Lawrence G Raisz, MD  
 Carl D Malchoff, MD PhD  
 University of Connecticut School of Medicine  
 Dept of Medicine/Endocrinology  
 263 Farmington Ave  
 Farmington, CT 06030-1850  
 203 679-2129

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-08-31-001

**New Haven****Yale-New Haven Medical Center Program\***

Yale-New Haven Hospital  
 Veterans Affairs Medical Center (West Haven)

*Program Director:*

Robert S Sherwin, MD  
 Yale University School of Medicine Dept of Medicine  
 Box 208020 Fitkin 1  
 New Haven, CT 06520-8020  
 203 785-4183

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 143-08-21-023

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
 George Washington University Hospital  
 Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Kenneth L Becker, MD  
 George Washington University Hospital Dept of Medicine  
 2150 Pennsylvania Ave NW  
 Washington, DC 20037  
 202 994-0326

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 143-10-21-093

**Georgetown University Program**

Georgetown University Hospital

*Program Director:*

Terry Taylor, MD  
 Georgetown University Medical Center  
 Div of Endocrinology  
 6PHC 3800 Reservoir Rd NW  
 Washington, DC 20007-2197  
 202 687-2818

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-10-21-072

**Howard University Program\***

Howard University Hospital  
 District of Columbia General Hospital

*Program Director:*

Wayman W Cheatham, MD  
 Howard University Hospital  
 2041 Georgia Ave NW  
 Washington, DC 20060  
 202 865-1516

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-10-21-107

\* Updated information not provided.

### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

William I Duncan, MD  
Chief Endocrine/Metabolic Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1793

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 143-10-11-108

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Thomas J Merimee, MD  
University of Florida Dept of Medicine  
Box 100226 JHMHC  
Div of Endocrinology & Metabolism  
Gainesville, FL 32610  
904 392-2612

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 143-11-21-033

### Jacksonville

#### University of Florida Health Science Center/ Jacksonville Program

University Medical Center (UFHSC/J)

*Program Director:*

Ronald Skowaky, MD  
Univ of Florida Hlth Sci Ctr/Jacksonville  
655 W Eighth St  
Jacksonville, FL 32209  
904 549-3071

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-11-21-024

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Peter J Gkonos, MD  
University of Miami School of Medicine  
Div of Endocrinology  
PO Box 016960 (D-503)  
Miami, FL 33101  
305 324-3388

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 143-11-21-141

### Tampa

#### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Robert V Farese, MD  
Univ of South Florida Coll of Med  
12901 N 30th St Box 19  
Tampa, FL 33612  
813 972-7662

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-11-21-034

## Georgia

### Atlanta

#### Emory University Program\*

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Lawrence C Phillips, MD  
Emory University School of Medicine  
69 Butler St SE  
Atlanta, GA 30303  
404 589-4845

*Length:* 2 Year(s)

*Program ID:* 143-12-21-109

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Peter P Stein, MD  
Medical College of Georgia  
Dept of Medicine  
BIW 540  
Augusta, GA 30912  
706 721-2131

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-12-21-002

## Illinois

### Chicago

#### Cook County Hospital Program\*

Cook County Hospital

*Program Director:*

C R Kannan, MD  
Cook County Hospital  
1825 W Harrison  
Chicago, IL 60612  
312 633-8971

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-16-12-035

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Larry Jameson, MD PhD  
Northwestern University Medical School  
303 E Chicago Ave  
Tarry 15-701  
Chicago, IL 60611-3008  
312 503-0469

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 143-16-21-060

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center  
Cook County Hospital

*Program Director:*

Theodore Mazzone, MD  
Rush-Presbyterian St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612-3833  
312 942-8231

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 143-16-11-154

### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Kenneth S Polonsky, MD  
University of Chicago  
5841 S Maryland Ave  
MC1027  
Chicago, IL 60637  
312 702-6217

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 143-16-21-157

#### University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program\*

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Subhash C Kukreja, MD  
Section of Endocrinology Dept of Med  
University of Illinois at Chicago  
840 S Wood St M/C 787  
Chicago, IL 60612  
312 996-6060

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 143-16-21-025

### Maywood

#### Loyola University Program\*

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Marlon H Brooks, MD  
Div of Endocrinology and Metabolism  
Loyola University Medical Center  
2160 S First Ave Bldg 117 Rm 11  
Maywood, IL 60153  
708 216-9218

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 143-16-21-003

### North Chicago

#### Finch University of Health Sciences/Chicago Medical School Program

Finch University of Health Sciences/Chicago Medical School  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*

Sant P Singh, MD  
Univ of Hlth Sci/The Chicago Medical School  
Dept of Medicine  
3333 Green Bay Rd  
North Chicago, IL 60064-3095  
708 578-3291

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 143-16-21-042

### Springfield

#### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

Romesh Khadori, MD MB  
Southern Illinois University School of Medicine  
801 N Rutledge Mail Stop 1618  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-0166

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 143-16-21-164

\* Updated information not provided.

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*

Melvin J Prince, MD

Indiana University Medical Center Dept of Medicine

545 Barnhill Dr Emerson Hall 421

Indianapolis, IN 46202-5124

317 274-3276

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 143-17-21-125**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Robert Bar, MD

University of Iowa Hospitals and Clinics

Dept of Int Med-Endocrinology

Iowa City, IA 52242-1009

319 338-0581

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 143-18-21-079**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine

University of Kansas Medical Center

*Program Director:*

R Neil Schimke, MD

University of Kansas Medical Center

Endocrinology/Metabolism Div

3901 Rainbow Blvd

Kansas City, KS 66160-7318

913 588-6048

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 143-19-21-094**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center

Veterans Affairs Medical Center (Lexington)

*Program Director:*

Gordon Guthrie, MD

University of Kentucky Medical Center

Dept of Medicine

800 Rose St MN520

Lexington, KY 40536

606 323-5821

*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 143-20-21-167**Louisville****University of Louisville Program**

University of Louisville School of Medicine

University of Louisville Hospital

Veterans Affairs Medical Center (Louisville)

*Program Director:*

Vasti L Broadstone, MD

Univ of Louisville Dept of Med

Div of Endocrinology

530 S Jackson St

Louisville, KY 40292

502 852-5237

*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 143-20-31-073**Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation

*Program Director:*

Alan L Bursell, MD

Alton Ochsner Medical Foundation

Dept of Graduate Med Educ

1516 Jefferson Hwy

New Orleans, LA 70121

504 842-4023

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 143-21-22-118**Louisiana State University Program**

Louisiana State University School of Medicine

Medical Center of Louisiana at New Orleans-LSU Division

Medical Center of Louisiana University Hospital Campus

*Program Director:*

Curtiss B Cook, MD

Louisiana State Univ Med Schl

1542 Tulane Ave

New Orleans, LA 70112

504 568-8446

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 143-21-21-051**Tulane University Program**

Tulane University School of Medicine

Medical Center of Louisiana at New Orleans-Tulane

Division

Tulane University Hospital and Clinics

*Program Director:*

Jonathan B Jaspan, MD

Tulane University Medical Center

1430 Tulane Ave SL53

New Orleans, LA 70112-2699

504 584-1851

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 143-21-21-089**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

*Program Director:*

Steven N Levine, MD

La State University Medical Center Hospital

Dept of Medicine-Endocrinology

1501 Kings Hwy PO Box 33932

Shreveport, LA 71130-3932

318 675-5960

*Length:* 2 Year(s)**Program ID:** 143-21-21-074**Maine****Portland****Maine Medical Center Program**

Maine Medical Center

*Program Director:*

Daniel S Oppenheim, PhD MD

Maine Medical Center

22 Bramhall St

Portland, ME 04102

207 871-2161

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 143-22-21-155**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine

Johns Hopkins Hospital

*Program Director:*

Paul W Ladenson, MD

Johns Hopkins University School of Medicine

Div of Endocrinology &amp; Metabolism

600 N Wolfe St Blalock 904

Baltimore, MD 21287-4904

410 955-3663

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 143-23-11-061**University of Maryland Program**

University of Maryland Medical System

Veterans Affairs Medical Center (Baltimore)

*Program Director:*

John F Wilber, MD

University of Maryland Medical System

Div of Endocrinology Rm #N3W50

22 S Greene St

Baltimore, MD 21201-1595

410 328-2515

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 143-23-21-036**Bethesda****National Institutes of Health Clinical Center Program\***

NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Bruce D Weintraub, MD

Bldg 10 Room 8-D-14

National Institutes of Health

Bethesda, MD 20892

301 496-3405

*Length:* 2 Year(s) *Total Positions:* 16**Program ID:** 143-23-21-161**National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)

*Program Director:*

K M M Shakir, MD

National Naval Medical Center

Endocrinology &amp; Metabolism Div

Dept of Medicine

Bethesda, MD 20889-5600

301 295-5165

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 143-23-11-126

\* Updated information not provided.



## Massachusetts

### Boston

#### Beth Israel Hospital Program

Beth Israel Hospital  
*Program Director:*  
Lewis Landsberg, MD  
Beth Israel Hospital Dept of Medicine  
330 Brookline Ave  
Boston, MA 02215  
617 735-4269  
*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 143-24-21-004

#### Boston University Program\*

Boston University School of Medicine  
Boston City Hospital  
Boston University Medical Center-University Hospital  
*Program Director:*  
Michael F Holick, PhD MD  
Boston City Hospital  
818 Harrison Ave  
Thorndike Bldg  
Boston, MA 02118  
617 534-5320  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-24-21-127

#### Brigham and Women's Hospital Program

Brigham and Women's Hospital  
*Program Director:*  
Gordon H Williams, MD  
Brigham and Women's Hospital  
Endocrine-Hypertension Division  
221 Longwood Ave  
Boston, MA 02115  
617 732-5661  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-24-21-005

#### Massachusetts General Hospital Program\*

Massachusetts General Hospital  
*Program Director:*  
Joseph Avruch, MD  
Massachusetts General Hospital  
Endocrine Training Program WEL 501  
Fruit St  
Boston, MA 02114  
617 726-3966  
*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 143-24-11-052

#### New England Deaconess Hospital Program 1

New England Deaconess Hospital  
Joslin Diabetes Center  
*Program Director:*  
Edward S Horton, MD  
New England Deaconess Hospital  
Joslin Diabetes Center  
One Joslin Pl  
Boston, MA 02215  
617 732-2501  
*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 143-24-21-111

### New England Medical Center Hospitals Program\*

New England Medical Center Hospitals  
*Program Director:*  
Seymour Reichlin, MD  
New England Medical Center  
Div of Endo Diabetes Metabolism  
750 Washington St Box 268  
Boston, MA 02111  
617 956-5692  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-24-21-006

### Burlington

#### New England Deaconess Hospital Program 2

Lahey Clinic  
Joslin Diabetes Center  
*Program Director:*  
Gary W Cushing, MD  
Lahey Clinic Foundation  
41 Mall Rd  
Burlington, MA 01805  
617 273-8492  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-24-21-119

### Springfield

#### Baystate Medical Center Program

Baystate Medical Center  
*Program Director:*  
Burritt L Haag, MD  
Baystate Medical Center  
Endocrine Metabolic Div  
759 Chestnut St  
Springfield, MA 01199  
413 784-3220  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-24-11-062

### Worcester

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center  
*Program Director:*  
Lewis E Braverman, MD  
Univ of Massachusetts Med Ctr  
Div of Endocrinology  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3115  
*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 143-24-21-007

## Michigan

### Ann Arbor

#### University of Michigan Program\*

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)  
*Program Director:*  
Douglas A Greene, MD  
University of Michigan Hospitals  
3920 Taubman Ctr Box 0354  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0354  
313 936-5505  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-25-21-063

## Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital  
*Program Director:*  
Max Wisgerhof, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-3468  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-25-11-112

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)  
*Program Director:*  
James R Sowers, MD  
Endocrinology  
University Health Center-4H  
4201 St Antoine  
Detroit, MI 48201  
313 745-4008  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-25-21-040

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)  
*Program Director:*  
Paul Robertson, MD  
Univ of Minnesota Hosp & Clin Dept of Med  
Diabetes/Endocrine Div/Box 101 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455  
612 626-1960  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-26-21-096

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester  
*Program Director:*  
Daniel L Hurley, MD  
MGSM Application Processing Ctr  
Siebens 5th Fl  
Mayo Graduate Schl of Med  
Rochester, MN 55905  
507 284-2476  
*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 143-26-21-043

\* Updated information not provided.

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

David M Klachko, MD  
University of Missouri Health Sciences Center  
D111 Cosmopolitan Int Diabetes Ctr  
One Hospital Dr  
Columbia, MO 65212  
314 882-2265

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-28-21-064

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Truman Medical Center-West

*Program Director:*

William L Isley, MD  
UMKC School of Medicine  
2411 Holmes  
Kansas City, MO 64108  
816 235-1965

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-28-21-168

**St Louis****Barnes Hospital Group Program**

Barnes Hospital  
Jewish Hospital of St Louis

*Program Director:*

Philip E Cryer, MD  
Barnes Hospital  
4989 Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-7617

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 143-28-21-159

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital

*Program Director:*

Arshag D Mooradian, MD  
St Louis University Health Sciences Center  
1402 S Grand Blvd  
St Louis, MO 63104-1096  
314 577-8458

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-28-21-080

**Nebraska****Omaha****University of Nebraska Program**

University of Nebraska Medical Center  
Creighton/Nebraska University Health Foundation

*Program Director:*

William C Duckworth, MD  
Robert Recker, MD  
University of Nebraska Medical Center  
600 S 42nd  
Omaha, NE 68198-3020  
402 559-4002

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 143-30-21-160

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Lee A Witters, MD  
Dartmouth Medical School  
Remsen 322  
Hanover, NH 03755-3833  
603 650-1909

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-32-21-120

**New Jersey****Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
UMDNJ-University Hospital

*Program Director:*

Amita Dasmahapatra, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave  
MSB I-588  
Newark, NJ 07103  
201 982-6170

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 143-33-21-148

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*

Avedis K Khachadurian, MD  
Louis Amorosa MD  
UMDNJ-Robert Wood Johnson Medical School  
Div of Endocrinology MEB 384  
One Robert Wood Johnson Pl CN19  
New Brunswick, NJ 08903-0019  
908 235-7749

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-33-21-026

**South Orange****Seton Hall University School of Graduate Medical Education Program**

Seton Hall University School of Graduate Medical  
Education

*Program Director:*

Nicholas G Baranetsky, MD  
St Michael's Medical Center  
268 Dr M L King Jr Blvd  
Newark, NJ 07102  
201 877-5185

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-33-11-150

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

R Philip Eaton, MD  
University of New Mexico  
Schl of Med Dept of Med  
ACC 5th Fl  
Albuquerque, NM 87131-5271  
505 272-4656

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-34-21-118

**New York****Albany****Albany Medical Center Program\***

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

A David Goodman, MD  
Albany Medical Center Dept of Medicine-Endocrinology  
A-44  
47 New Scotland Ave  
Albany, NY 12208  
518 445-5185

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-35-31-027

**Bronx****Albert Einstein College of Medicine (East Campus) Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

Norman S Fleischer, MD  
Albert Einstein College of Medicine  
1300 Morris Park Ave  
Rm 701 Belfer Bldg  
Bronx, NY 10461  
718 430-2908

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 143-35-21-097

**Albert Einstein College of Medicine (West Campus) Program**

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division

North Central Bronx Hospital

*Program Director:*

Martin I Surks, MD  
Montefiore Medical Center  
Div of Endocrinology  
111 E 210th St  
Bronx, NY 10467  
718 820-4331

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-35-21-085

\* Updated information not provided.

## Brooklyn

### Brookdale Hospital Medical Center Program\*

Brookdale Hospital Medical Center

*Program Director:*

Joel M Goldman, MD  
Brookdale Hospital Medical Center  
Linden Blvd at Brookdale Plaza  
Room 101A SSI  
Brooklyn, NY 11212-3198  
718 240-5378

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-35-11-144

### Coney Island Hospital Program

Coney Island Hospital

*Program Director:*

Mary F Wheeler, MD  
Coney Island Hospital  
2601 Ocean Pkwy  
Brooklyn, NY 11235  
718 615-5300

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-35-11-138

### Interfaith Medical Center Program

Interfaith Medical Center

Coney Island Hospital

*Program Director:*

Farida Khan, MD  
Interfaith Medical Center  
555 Prospect Pl  
Brooklyn, NY 11238  
718 935-7852

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-35-21-143

### SUNY Health Science Center at Brooklyn Program\*

SUNY HSC at Brooklyn College of Medicine

Kings County Hospital Center

University Hospital-SUNY Health Science Center at

Brooklyn

Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Harold E Lebovitz, MD  
SUNY Downstate Medical Center  
450 Clarkson Ave Box 1205  
Brooklyn, NY 11203  
718 270-1698

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 143-35-21-010

## Buffalo

### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium

Erie County Medical Center

Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Stephen W Spaulding, MD  
VA Medical Center (151)  
3495 Bailey Ave  
Buffalo, NY 14215  
716 862-3645

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 143-35-31-008

## East Meadow

### SUNY at Stony Brook (East Meadow) Program

Nassau County Medical Center

*Program Director:*

W N Kromholz, MD  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-6504

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-35-21-081

## Mineola

### Winthrop-University Hospital Program

Winthrop-University Hospital

Nassau County Medical Center

Queens Hospital Center

*Program Director:*

John F Aloia, MD  
Winthrop-University Hospital  
259 First St  
Mineola, NY 11501  
516 663-2381

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 143-35-11-065

## New Hyde Park

### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center

Queens Hospital Center

*Program Director:*

Bruce S Schneider, MD  
Long Island Jewish Medical Center  
270-05 76th Ave  
New Hyde Park, NY 11040  
718 470-7241

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 143-35-21-114

## New York

### Albert Einstein College of Medicine at Beth Israel Medical Center Program\*

Beth Israel Medical Center

*Program Director:*

Barnett Zumoff, MD  
Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003  
212 420-4008

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-35-11-009

### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine

Elmhurst Hospital Center-Mount Sinai Services

Mount Sinai Medical Center

Veterans Affairs Medical Center (Bronx)

*Program Director:*

Terry F Davies, MD  
Mount Sinai Hospital  
One Gustave L Levy Pl Box 1055  
New York, NY 10029-6574  
212 241-6091

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 143-35-31-130

### New York Hospital/Cornell Medical Center Program

New York Hospital

*Program Director:*

Julianne Imperato-McGinley, MD  
New York Hospital-Cornell Medical Center  
525 E 68th St F-263  
New York, NY 10021  
212 746-4745

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 143-35-21-136

### New York University Medical Center Program

New York University Medical Center

Bellevue Hospital Center

*Program Director:*

Charles S Hollander, MD  
New York University Medical Center  
Dept of Med Div of Endocrinology  
550 First Ave  
New York, NY 10016  
212 263-6409

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 143-35-21-098

### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

John P Bilezikian, MD  
The Presbyterian Hospital  
630 W 168th St  
New York, NY 10032  
212 305-3743

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 143-35-11-063

### St Luke's-Roosevelt Hospital Center (St Luke's) Program

St Luke's-Roosevelt Hospital Center

St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

F Xavier Pi-Sunyer, MD  
St Luke's-Roosevelt Hospital Center-St Luke's Division  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-4161

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 143-35-21-086

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Robert Harrison, MD  
Strong Memorial Hospital  
601 Elmwood Ave  
PO Box 693  
Rochester, NY 14642-8693  
716 275-2640

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 143-35-11-145

## Stony Brook

### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook

Veterans Affairs Medical Center (Northport)

*Program Director:*

Harold E Carlson, MD  
Div of Endocrinology  
Hlth Sci Ctr T15-060  
Stony Brook, NY 11794-8154  
516 444-1036

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 143-35-21-011

\* Updated information not provided.

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at Syracuse  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Ruth S Weinstock, MD PhD  
Dept of Medicine  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-5726

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-35-21-087

## Valhalla

### New York Medical College (Lincoln) Program

New York Medical College  
Lincoln Medical and Mental Health Center

*Program Director:*

Lourdes M Miranda, MD  
Lincoln Medical and Mental Health Center Dept of Medicine  
234 E 149th St  
Bronx, NY 10451  
718 579-5277

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 143-35-21-076

### New York Medical College at St Vincent's Hospital and Medical Center of New York Program

New York Medical College  
St Vincent's Hospital and Medical Center of New York  
Cabrini Medical Center  
The Rogosin Institute

*Program Director:*

Iven S Young, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St MP 7-D  
New York, NY 10011  
212 604-9332

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-35-21-162

### New York Medical College at Westchester County Medical Center Program\*

New York Medical College  
Westchester County Medical Center

*Program Director:*

A Louis Southren, MD  
New York Medical College  
Dept of Medicine  
Valhalla, NY 10595  
914 285-7578

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 143-35-11-012

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

David R Clemmons, MD  
Univ of North Carolina Sch of Med  
Div of Endocrinology  
MacNider Bldg CB #7170  
Chapel Hill, NC 27599-7170  
919 966-3336

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 143-36-21-115

## Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

Marc Drezner, MD  
Duke University Medical Center  
Box 3285  
Durham, NC 27710  
919 684-5197

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 143-36-21-116

## Greenville

#### East Carolina University Program

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

David K Snyder, MD  
East Carolina Univ School of Medicine  
Dept of Med/Endocrinology 2N72  
Greenville, NC 27858-4354  
919 816-2567

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-36-11-152

## Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

K Patrick Ober, MD  
North Carolina Baptist Hospital  
Medical Center Blvd  
Winston-Salem, NC 27157-1047  
910 716-6027

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 143-36-21-013

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Robert M Cohen, MD  
University of Cincinnati  
Division of Endocrinology  
PO Box 670547  
Cincinnati, OH 45267-0547  
513 558-4444

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 143-38-21-066

## Cleveland

### Case Western Reserve University Program

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

David C Aron, MD  
Baha M Arafah, MD  
Case Western Reserve University  
Sch of Med BRB433  
10900 Euclid Ave  
Cleveland, OH 44106-4951  
216 368-6129

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 143-38-21-131

### Cleveland Clinic Foundation/St Vincent Charity Hospital Program

Cleveland Clinic Foundation

*Program Director:*

Byron J Hoogwerf, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT 32  
Dept of Endocrinology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 143-38-12-132

## Columbus

### Ohio State University Program

Ohio State University Medical Center

*Program Director:*

James M Falko, MD  
Ohio State University Hospitals  
N-1105 Doan Hall  
410 W Tenth Ave  
Columbus, OH 43210-1228  
614 293-8731

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 143-38-11-121

## Toledo

### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
Mercy Hospital of Toledo

*Program Director:*

Roberto Franco-Saenz, MD  
Medical College of Ohio Hospital  
3000 Arlington  
PO Box 10008  
Toledo, OH 43609-0008  
419 381-3719

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 143-38-21-014

\* Updated information not provided.

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

David C Kern, MD  
University of Oklahoma College of Medicine  
PO Box 26901  
3SP-511  
Oklahoma City, OK 73190  
405 271-5896

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-39-21-067

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Eric S Orwoll, MD  
Portland VA Medical Center (III)  
3710 SW US Veterans Rd  
PO Box 1034  
Portland, OR 97207  
503 273-5015

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-40-31-147

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program\*

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Andrea Manni, MD  
Milton S Hershey Medical Center of the Penn State Univ  
PO Box 850  
500 University Dr  
Hershey, PA 17033  
717 531-8435

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-41-11-015

### Philadelphia

#### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital

*Program Director:*

Leslie I Rose, MD  
Mail Stop 426 - Room 6144 NCB  
230 N Broad St  
Philadelphia, PA 19102-1192  
215 762-8114

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-41-21-045

#### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital

*Program Director:*

Doris G Bartuska, MD  
Medical College of Pennsylvania Hospital  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6952

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-41-21-099

#### Temple University Program

Temple University Hospital

*Program Director:*

Guenther Boden, MD  
Temple University Hospital  
Dept of Medicine  
3401 N Broad St  
Philadelphia, PA 19140  
215 221-3088

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-41-21-029

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Barry J Goldstein, MD PhD  
Jefferson Med Coll of Thomas Jefferson Univ Hosp  
Dept of Med Div of Endocrinology  
1020 Locust St Rm 349  
Philadelphia, PA 19107-6799  
215 955-1272

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-41-21-166

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

John G Haddad, MD  
Univ of Pennsylvania School of Medicine  
611 Clinical Research Bldg  
415 Curie Blvd  
Philadelphia, PA 19104-6149  
215 898-0210

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-41-21-021

### Pittsburgh

#### Shadyside Hospital Program

Shadyside Hospital

*Program Director:*

Vijay K Bahl, MD  
Shadyside Hospital  
5230 Centre Ave  
Pittsburgh, PA 15232  
412 623-2462

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-41-22-046

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Alan G Robinson, MD  
University Health Center of Pittsburgh  
3550 Terrace St  
1200 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9770

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-41-21-037

## Puerto Rico

### Rio Piedras

#### San Juan City Hospital Program

San Juan City Hospital

*Program Director:*

Gildred Colon, MD  
Dept of Medicine San Juan Municipal Hospital  
Box 21405  
Puerto Rico Medical Center  
Rio Piedras, PR 00928  
809 765-5147

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-42-11-082

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Francisco Aguilo, MD  
University Hospital Puerto Rico Medical Center  
Box 5067  
San Juan, PR 00935  
809 754-3633

*Length:* 2 Year(s)  
*Program ID:* 143-42-21-100

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital  
Roger Williams Medical Center  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Ivor M D Jackson, MD  
Brown University  
Box G (RIH)  
Providence, RI 02912  
401 444-4170

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-43-11-101

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

John A Colwell, MD  
Medical University of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-2222  
803 792-2529

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-45-21-088

\* Updated information not provided.

**Columbia****Richland Memorial Hospital-University of South Carolina School of Medicine Program**

Richland Memorial Hospital-Univ of South Carolina Sch of Med  
Williams Jennings Bryan Dorn Veterans Hospital  
*Program Director:*  
Tu Lin, MD  
University of South Carolina School of Medicine  
Library Building Ste 316  
Columbia, SC 29208  
803 733-3112  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-45-21-077

**Tennessee****Memphis****University of Tennessee Program\***

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)  
*Program Director:*  
Abbas E Kitabchi, MD PhD  
University of Tennessee  
951 Court Ave Rm 335-M  
Memphis, TN 38163  
901 528-5802  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-47-21-117

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
*Program Director:*  
James M May, MD  
Vanderbilt University Dept of Medicine  
A4203 Medical Center N  
21st & Garland Ave  
Nashville, TN 37232-2250  
615 322-2197  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 143-47-31-016

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)  
*Program Director:*  
Jean D Wilson, MD  
Univ of Texas Southwestern Medical Center at Dallas  
5323 Harry Hines Blvd  
Dallas, TX 75235-8867  
214 648-3494  
*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 143-48-21-083

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals  
*Program Director:*  
Randall J Urban, MD  
University of Texas Medical Branch Dept of Med  
3.142 MRB 1060  
UTMB  
Galveston, TX 77555-1060  
409 772-1176  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-48-21-163

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)  
*Program Director:*  
Glenn R Cunningham, MD  
Baylor College of Medicine  
Texas Medical Center  
One Baylor Plaza Rm 537-E  
Houston, TX 77030-3498  
713 798-6053  
*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 143-48-21-070

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
*Program Director:*  
Philip Orlander, MD  
Univ of Texas Medical School Dept of Med  
PO Box 20708  
Houston, TX 77025  
713 792-5508  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-48-31-017

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)  
*Program Director:*  
Robert F Dons, MD  
59TH Medical Wing (AETC)  
Dept of Endocrinology/PSME  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-6475  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-48-12-048

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center  
*Program Director:*  
Gregory R Mundy, MD  
University of Texas Health Science Center  
Div of Endocrinology & Metabolism  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7877  
210 567-4900  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-48-21-055

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital  
*Program Director:*  
Jeffrey A Jackson, MD  
Texas A&M -Scott & White  
Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508  
800 299-4463  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-48-21-018

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)  
*Program Director:*  
Hunter Heath, MD  
50 N Medical DR Rm 4C116  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7761  
*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 143-49-21-133

**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont  
*Program Director:*  
Jorge Calles-Escandon, MD  
Univ of Vermont Coll of Medicine  
Dept of Medicine  
Given C-332  
Burlington, VT 05405-0068  
802 656-2530  
*Length:* 2 Year(s) *Total Positions:* 1  
*Program ID:* 143-50-21-134

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center  
*Program Director:*  
Michael O Thorne, MD  
University of Virginia Hospitals Dept of Med  
Box 511  
Charlottesville, VA 22908  
804 982-3297  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-51-21-019

\* Updated information not provided.

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*  
William G Blackard, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980155  
Richmond, VA 23298-0155  
804 828-9228

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-51-21-020

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*  
John D Brunzell, MD  
Div of Metabolism  
Endocrinology and Nutrition RG-26  
University of Washington  
Seattle, WA 98195  
206 543-3158

*Length:* 2 Year(s) *Total Positions:* 11  
*Program ID:* 143-54-21-071

### Tacoma

#### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*  
Robert E Jones, MD  
Madigan Army Medical Center  
Dept of Medicine  
Endocrinology Service  
Tacoma, WA 98431-5000  
206 968-0438

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-54-12-056

## West Virginia

### Huntington

#### Marshall University School of Medicine Program

Marshall University School of Medicine  
Cabell Huntington Hospital  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*  
Bruce S Chertow, MD  
Marshall University School of Medicine  
Dept of Medicine  
Huntington, WV 25755-9410  
304 696-7113

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 143-55-21-031

## Morgantown

### West Virginia University Program

West Virginia University Hospitals

*Program Director:*  
Robert D Hoeldtke, MD PHD  
West Virginia University  
Dept of Medicine HSN  
PO Box 9159  
Morgantown, WV 26506-9159  
304 293-4125

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-55-21-158

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*  
Yoram Shenker, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave Rm H4/568  
Madison, WI 53792-5148  
608 263-9221

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 143-56-21-102

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyne Hospital

*Program Director:*  
Ahmed H Kissebah, MD PhD  
Medical College of Wisconsin  
Froedtert Memorial Lutheran Hosp  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5130

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 143-56-31-039

## Family Practice

## Alabama

### Birmingham

#### Carraway Methodist Medical Center Program

Carraway Methodist Medical Center

*Program Director:*  
Marshall N Boone Jr, MD PhD  
Carraway Methodist Medical Center  
Dept of Family Med  
3001 27th St N  
Birmingham, AL 35207  
205 226-5801

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
*Program ID:* 120-01-31-019

#### Medical Center East Program

Medical Center East

*Program Director:*  
Marion H Sims, MD  
Family Practice Center  
7833 Second Ave S  
Birmingham, AL 35206  
205 836-0018

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
*Program ID:* 120-01-31-020

#### University of Alabama Medical Center Program

University of Alabama Hospital

*Program Director:*  
William L Fulcher III, MD  
Univ of Alabama School of Medicine  
Community Hlth Serv Bldg  
930 20th St S Rm 371-D  
Birmingham, AL 35205  
205 934-3863

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 5)  
*Program ID:* 120-01-21-021

### Huntsville

#### University of Alabama Medical Center (Huntsville) Program

University of Alabama School of Medicine in Huntsville  
Huntsville Hospital

*Program Director:*  
Michael M Linder, MD  
University Medical Clinics  
201 Governors Dr  
Huntsville, AL 35801  
205 551-4627

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
*Program ID:* 120-01-11-023

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*  
Jim L Wilson, MD  
University of South Alabama  
Dept of Fam Prac & Comm Med  
1504 Springhill Ave  
Mobile, AL 36604  
205 434-3434

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-01-11-024

\* Updated information not provided.

**Selma****University of Alabama Medical Center (Selma Dallas County) Program**

Four Rivers Medical Center  
Vaughan Regional Medical Center

*Program Director:*  
Donald C Overstreet, MD  
Dept of Family Practice  
429 Lauderdale St  
Selma, AL 36701  
205 875-4184

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 6)  
*Program ID:* 120-01-21-026

**Tuscaloosa****University of Alabama Medical Center (Tuscaloosa) Program**

University of Alabama College of Community Health Sciences  
DCH Regional Medical Center

*Program Director:*  
Alan J Maxwell, MD  
Educational Tower University of Alabama  
Box 870378  
Tuscaloosa, AL 35487-0378  
205 348-1373

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 12)  
*Program ID:* 120-01-21-027

**Arizona****Phoenix****Good Samaritan Regional Medical Center Program**

Good Samaritan Regional Medical Center

*Program Director:*  
Howard D Silverman, MD  
GSRMC Family Practice Residency  
1300 N 12th St #605  
Phoenix, AZ 85006  
602 239-2668

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-03-12-028

**Phoenix Baptist Hospital and Medical Center Program**

Phoenix Baptist Hospital and Medical Center

*Program Director:*  
Christopher P Shearer, MD  
Phoenix Baptist Hospital and Medical Center  
Family Medicine Center  
PO Box 11469  
Phoenix, AZ 85061  
602 246-5521

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)  
*Program ID:* 120-03-21-029

**St Joseph's Hospital and Medical Center Program**

St Joseph's Hospital and Medical Center

*Program Director:*  
Donald McHard, MD  
Dept of Family Practice  
St Joseph's Hospital  
350 W Thomas Rd  
Phoenix, AZ 85001-2071  
602 406-3152

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)  
*Program ID:* 120-03-12-030

**Scottsdale****Scottsdale Memorial Hospital Program**

Scottsdale Memorial Hospital  
Maricopa Medical Center

*Program Director:*  
Robert J Creager, MD  
Scottsdale Memorial Hospital  
7301 E Fourth St #22  
Scottsdale, AZ 85251  
602 481-4890

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 8)  
*Program ID:* 120-03-32-031

**Tucson****University of Arizona Program**

University of Arizona College of Medicine  
University Medical Center

*Program Director:*  
Craig L McClure, MD  
Dept of Family and Community Medicine  
1450 N Cherry Ave  
Tucson, AZ 85719-4296  
602 626-7852

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 13)  
*Subspecialties:* FPG  
*Program ID:* 120-03-12-032

**Arkansas****Little Rock****University of Arkansas for Medical Sciences AHEC (Fort Smith) Program**

UAMS-Area Health Education Centers Program  
Sparks Regional Medical Center

*Program Director:*  
Larry L Hanley, MD  
612 S 12th St  
Fort Smith, AR 72901-4702  
501 785-2431

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 6)  
*Program ID:* 120-04-21-034

**University of Arkansas for Medical Sciences AHEC (Northeast) Program**

UAMS-Area Health Education Centers Program  
St Bernards Regional Medical Center

*Program Director:*  
Joe Stallings, MD  
Family Practice Residency Program  
UAMS AHEC Northeast  
223 E Jackson  
Jonesboro, AR 72401  
501 972-0063

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 5)  
*Program ID:* 120-04-21-406

**University of Arkansas for Medical Sciences AHEC (Northwest) Program**

UAMS-Area Health Education Centers Program  
Area Health Education Center (Northwest)  
Washington Regional Medical Center

*Program Director:*  
Raymond C Bredfeldt, MD  
Fayetteville Family Practice Residency Program  
UAMS-AHEC-NW  
2907 E Joyce  
Fayetteville, AR 72703  
501 521-0263

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-04-21-033

**University of Arkansas for Medical Sciences AHEC (Pine Bluff) Program\***

UAMS-Area Health Education Centers Program  
Jefferson Regional Medical Center

*Program Director:*  
Herbert F Fendley, MD  
Family Practice  
4010 Mulberry  
Pine Bluff, AR 71603  
501 541-6010

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-04-11-037

**University of Arkansas for Medical Sciences AHEC (South Arkansas) Program**

UAMS-Area Health Education Centers Program  
Area Health Education Center (South Arkansas)  
Medical Center of South Arkansas (Union Medical Center)  
Medical Center of South Arkansas (Warner Brown Hospital)

*Program Director:*  
Mark Dixon, MD  
Area Health Education Center AHEC South Arkansas  
490 W Faulkner  
El Dorado, AR 71730  
501 862-2489

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
*Program ID:* 120-04-21-405

**University of Arkansas for Medical Sciences AHEC (Southwest) Program**

UAMS-Area Health Education Centers Program  
St Michael Hospital

*Program Director:*  
George M Finley, MD  
Univ of Arkansas for Medical Science AHEC Southwest  
PO Box 2871  
Texarkana, AR 75504  
501 774-5603

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-04-21-527

**University of Arkansas for Medical Sciences Program\***

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*  
Ronald K Brimberry, MD  
University of Arkansas for Medical Sciences  
4301 W Markham Slot 530  
Little Rock, AR 72205-7199  
501 686-6610

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-04-21-035

**California****Bakersfield****Kern Medical Center Program**

Kern Medical Center

*Program Director:*  
Navinchandra M Amin, MD  
Kern Medical Center  
Dept of Family Medicine  
1830 Flower St  
Bakersfield, CA 93305-4197  
805 326-2191

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
*Program ID:* 120-05-11-038

\* Updated information not provided.



## Accredited Programs in Family Practice

### Camp Pendleton

#### Naval Hospital (Camp Pendleton) Program

Naval Hospital (Camp Pendleton)

*Program Director:*

Richard R Jeffries, DO

Dept of Family Practice

Naval Hospital

Box 555191

Camp Pendleton, CA 92055-5191

619 725-1398

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

**Program ID:** 120-05-12-014

### Cerritos

#### FHP Southern California Region Program

FHP Southern California Region

FHP Hospital-Fountain Valley

*Program Director:*

Robert W Smith, MD

FHP Southern California Family Medicine Residency Program

FHP Costa Mesa Medical Center

890 W Baker St Ste 100

Costa Mesa, CA 92626

714 545-8542

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 6)

**Program ID:** 120-05-21-542

### Fresno

#### University of California (San Francisco)/Fresno Program

UCSF-Fresno Medical Education Program

Valley Medical Center of Fresno

*Program Director:*

John Zweifler, MD

Valley Medical Center

445 S Cedar Ave

Fresno, CA 93702

209 453-5705

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 13)

**Program ID:** 120-05-21-041

### Glendale

#### Glendale Adventist Medical Center Program

Glendale Adventist Medical Center

White Memorial Medical Center

*Program Director:*

Janet Cunningham, MD

Glendale Adventist Med Ctr

Dept of Family Practice

801 S Chevy Chase Dr #201

Glendale, CA 91205

818 500-5594

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 120-05-21-372

### Loma Linda

#### Loma Linda University Program

Loma Linda University Community Hospital

Riverside General Hospital-University Medical Center

*Program Director:*

John K Testerman, MD PhD

Loma Linda Univ Med Ctr

Family Practice Residency

25455 Barton Rd #209-B

Loma Linda, CA 92354

909 796-6688

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-05-21-471

### Long Beach

#### Long Beach Memorial Medical Center Program

Long Beach Memorial Medical Center

*Program Director:*

Stephen A Brunton, MD

Dept of Family Practice

Long Beach Memorial Med Ctr

450 E Spring St

Long Beach, CA 90806

310 596-5255

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 9)

**Program ID:** 120-05-21-044

### Los Angeles

#### Charles R Drew University Program\*

Charles R Drew University of Medicine and Science

LAC-King/Drew Medical Center

*Program Director:*

Ludlow B Creary, MPH MD

King-Drew Med Ctr

1621 E 120th St MP37

Los Angeles, CA 90059

213 603-4965

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 9)

**Program ID:** 120-05-11-048

#### UCLA Medical Center Program

UCLA School of Medicine

LAC-Olive View Medical Center

UCLA Medical Center

*Program Director:*

Martin Quan, MD

UCLA Family Health Center

200 UCLA Medical Plaza

Ste 220

Los Angeles, CA 90024-1628

310 206-8718

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 8)

**Program ID:** 120-05-11-049

#### University of Southern California/California Medical Center (Los Angeles) Program

California Medical Center (Los Angeles)

*Program Director:*

Patrick W Pennock, MD

USC/California Medical Center

1401 S Grand

Los Angeles, CA 90015

213 742-5754

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-05-21-458

#### White Memorial Medical Center Program

White Memorial Medical Center

*Program Director:*

Luis Samaniego, MD

White Memorial Med Ctr

1720 Cesar E Chavez Ave

Los Angeles, CA 90033

213 260-5789

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-05-21-480

### Martinez

#### Contra Costa County Health Services Program

Merrithew Memorial Hospital and Clinics

*Program Director:*

T Rich McNabb, MD

Merrithew Memorial Hospital and Clinics

2500 Alhambra Ave

Martinez, CA 94553-3191

510 370-5117

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

**Program ID:** 120-05-31-050

### Merced

#### Merced Family Practice Program

Merced Community Medical Center

*Program Director:*

Daniel J Murphy, MD

Merced Community Medical Center

301 E 13th St PO Box 231

Merced, CA 95340

209 385-7172

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-05-21-459

### Modesto

#### Stanislaus Medical Center Program\*

Stanislaus Medical Center

*Program Director:*

John C Payne, MD

Stanislaus Medical Center

900 Scenic Dr

Modesto, CA 95350

209 525-7217

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 9)

**Program ID:** 120-05-11-052

### Northridge

#### Northridge Hospital Medical Center Program

Northridge Hospital Medical Center

*Program Director:*

Myron C Greengold, MD

Northridge Family Practice Residency

18406 Roscoe Blvd

Northridge, CA 91325

818 993-4054

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

**Program ID:** 120-05-11-053

### Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center

Western Medical Center

*Program Director:*

David K Morohashi, MD

Univ of California (Irvine) Med Ctr

Dept of Family Medicine

PO Box 14091

Orange, CA 92613-1491

714 456-6502

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 120-05-21-042

\* Updated information not provided.

**Pasadena****Southern California Kaiser Permanente Medical Care (Anaheim) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Anaheim)

*Program Director:*

Timothy A Munzing, MD  
Kaiser Medical Office  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 6)

*Program ID:* 120-05-31-515

**Southern California Kaiser Permanente Medical Care (Fontana) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Fontana)

*Program Director:*

Janis F Neuman, MD  
Southern California Kaiser Permanente Med Ctr  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 9)

*Program ID:* 120-05-12-040

**Southern California Kaiser Permanente Medical Care (Los Angeles) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

James Hara, MD  
Kaiser Foundation Hospital  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Subspecialties:* FPG

*Program ID:* 120-05-11-047

**Southern California Kaiser Permanente Medical Care (Riverside) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Riverside)

*Program Director:*

Walter C Morgan, MD  
Kaiser Permanente Med Ctr (Riverside)  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-05-21-509

**Southern California Kaiser Permanente Medical Care (Woodland Hills) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Woodland Hills)

*Program Director:*

Leo Elizondo, MD  
Kaiser Foundation Hospital  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 6)

*Program ID:* 120-05-21-514

**Redding****University of California (Davis) Redding Program**

Mercy Medical Center  
University of California (Davis) Medical Center

*Program Director:*

Ronald W Sand, MD  
Mercy Medical Center  
Clairmont Hts  
PO Box 496009  
Redding, CA 96049-6009  
916 225-6090

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 120-05-31-054

**Riverside****Riverside General Hospital-University Medical Center Program\***

Riverside General Hospital-University Medical Center

*Program Director:*

Y Paul Aoyagi, MD  
Riverside General Hospital-University Medical Center  
9851 Magnolia Ave  
Riverside, CA 92503  
714 351-7484

*Length:* 3 Year(s)

*Program ID:* 120-05-21-421

**Sacramento****Sutter Health Program**

Sutter Health  
Sutter General Hospital

*Program Director:*

William Gillanders, MD  
Sutter Health Family Practice Residency  
2800 L St.  
Sacramento, CA 95816  
916 731-7866

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 6)

*Program ID:* 120-05-31-556

**University of California (Davis) Program\***

University of California (Davis) Medical Center  
Mercy Medical Center

*Program Director:*

James Nuovo, MD  
Univ of California (Davis) Medical Center  
2221 Stockton Blvd Rm 2121  
Sacramento, CA 95817  
916 734-3432

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 120-05-11-039

**Salinas****Natividad Medical Center Program**

Natividad Medical Center

*Program Director:*

Richard E Brunader, MD  
Natividad Medical Center  
PO Box 81611  
1330 Natividad Rd  
Salinas, CA 93912-1611  
408 755-4201

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Program ID:* 120-05-21-056

**San Bernardino****San Bernardino County Medical Center Program**

San Bernardino County Medical Center

*Program Director:*

Andre V Blaylock, MD  
San Bernardino County Medical Center  
780 E Gilbert St  
San Bernardino, CA 92415-0935  
909 387-7882

*Length:* 3 Year(s) *Total Positions:* 53 (GYI: 18)

*Program ID:* 120-05-11-057

**San Diego****Sharp HealthCare (Chula Vista) Program**

Sharp HealthCare

*Program Director:*

Kevin A Malone, MD  
3131 Berger Ave  
San Diego, CA 92123  
619 541-4066

*Length:* 3 Year(s)

*Program ID:* 120-05-31-548

**Sharp HealthCare (La Mesa) Program**

Sharp HealthCare  
Grossmont Hospital

*Program Director:*

Joseph E Scherger, MD MPH  
Sharp Grossmont Family Practice Residency  
PO Box 158  
La Mesa, CA 91944-0158  
619 664-4166

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 6)

*Program ID:* 120-05-21-539

**Sharp HealthCare (San Diego) Program\***

Sharp HealthCare  
Sharp Memorial Hospital

*Program Director:*

John E Jenrette, MD  
3131 Berger Ave  
San Diego, CA 92123  
619 541-4046

*Length:* 3 Year(s)

*Program ID:* 120-05-21-550

**University of California (San Diego) Program\***

University of California (San Diego) Medical Center

*Program Director:*

William A Norcross, MD  
University Hospital  
225 Dickinson St  
San Diego, CA 92103-9981  
619 543-5776

*Length:* 3 Year(s)

*Program ID:* 120-05-21-058

**San Francisco****University of California (San Francisco) Program\***

University of California (San Francisco) School of Medicine

*Program Director:*

Denise V Rodgers, MD  
San Francisco General Hospital  
Bldg 80 Ward 83  
1001 Potrero Ave  
San Francisco, CA 94110  
415 821-8610

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 11)

*Program ID:* 120-05-11-059

\* Updated information not provided.

**San Jose**

**San Jose Medical Center Program**

San Jose Medical Center

*Program Director:*

Robert M Norman, MD  
San Jose Medical Center  
25 N 14th St Ste 1060  
San Jose, CA 95112  
408 977-4507

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

*Program ID:* 120-05-22-061

**Santa Monica**

**Santa Monica Hospital Medical Center Program**

Santa Monica Hospital Medical Center

*Program Director:*

Eugene A Felmar, MD  
Santa Monica Hospital Med Center  
Les Kelley Family Hlth Ctr  
1255 15th St  
Santa Monica, CA 90404  
310 319-4709

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 120-05-11-064

**Santa Rosa**

**University of California (San Francisco)/Santa Rosa Program**

Community Hospital

*Program Director:*

Marshall K Kubota, MD  
Community Hospital Residency Program  
3324 Chanate Rd  
Santa Rosa, CA 95404  
707 576-4071

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)

*Program ID:* 120-05-11-065

**Stockton**

**San Joaquin General Hospital Program**

San Joaquin General Hospital

*Program Director:*

Asma Jafri, MD  
San Joaquin General Hospital  
PO Box 1020  
Stockton, CA 95201  
209 468-6835

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Program ID:* 120-05-31-066

**Torrance**

**Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Patrick Dowling, MD MPH  
Harbor-UCLA Family Health Center  
1001 W Carson St Ste I  
Torrance, CA 90602-2000  
310 222-5205

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)

*Program ID:* 120-05-21-478

**Travis AFB**

**David Grant USAF Medical Center Program**

David Grant Medical Center

*Program Director:*

Lt Col Peter S Krogh, MD  
60th Med Group  
Dept of Family Practice  
101 Bodin Circle  
Travis AFB, CA 94535-1800  
707 423-3735

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 120-05-11-001

**Ventura**

**Ventura County Medical Center Program**

Ventura County Medical Center

*Program Director:*

Lanyard K Dial, MD  
Ventura Cnty Med Ctr  
Med Educ Dept  
3291 Loma Vista Rd  
Ventura, CA 93003  
805 652-6228

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 13)

*Program ID:* 120-05-11-068

**Whittier**

**University of Southern California Program**

Presbyterian Intercommunity Hospital  
Los Angeles County-USC Medical Center  
University of Southern California School of Medicine

*Program Director:*

Del Morris, MD  
Presbyterian Intercommunity Hospital  
12401 Washington Blvd  
USC-PIH Family Practice Program  
Whittier, CA 90602  
310 693-1069

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 10)

*Subspecialties:* FPG

*Program ID:* 120-05-21-352

**Colorado**

**Denver**

**Provenant Mercy Hospital Program**

Provenant Mercy Hospital

*Program Director:*

Timothy E Dudley, MD  
Provenant Mercy Medical Center  
1650 Fillmore St  
Denver, CO 80206-1550  
303 393-3090

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 120-07-12-069

**St Joseph Hospital Program**

St Joseph Hospital

*Program Director:*

Martin Kiernan, MD  
St Joseph Hosp Family Practice Ctr  
2005 Franklin St  
Midtown II Ste 200  
Denver, CO 80205  
303 764-2015

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)

*Program ID:* 120-07-12-070

**University of Colorado (Clinica Campesina) Program**

University of Colorado Health Sciences Center  
Avista Hospital  
Denver Health and Hospitals  
Rose Medical Center  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Colleen M Conry, MD  
Ctr for Studies in Family Med  
1180 Clermont St  
Denver, CO 80220  
303 270-5191

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 2)

*Program ID:* 120-07-21-537

**University of Colorado at Swedish Medical Center Program**

University of Colorado Health Sciences Center  
Swedish Medical Center

*Program Director:*

Wilson D Pace, MD  
Residency Administration  
191 E Orchard Rd #200  
Littleton, CO 80121  
303 795-5247

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 120-07-21-544

**University of Colorado Program**

University of Colorado Health Sciences Center  
Rose Medical Center

*Program Director:*

Colleen M Conry, MD  
Univ of Colorado at Rose Medical Center  
Dept of Family Med  
1180 Clermont St  
Denver, CO 80220  
303 270-5191

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Subspecialties:* FP

*Program ID:* 120-07-21-071

**Fort Collins**

**Fort Collins Family Medicine Program**

Poudre Valley Hospital

*Program Director:*

Austin G Bailey, MD  
Fort Collins Family Medicine Residency Program  
1025 Pennock Pl  
Fort Collins, CO 80524-3250  
303 495-8803

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-07-31-072

**Grand Junction**

**St Mary's Hospital and Medical Center Program**

St Mary's Hospital and Medical Center

*Program Director:*

Daniel R Dill, MD  
St Mary's Family Practice Center  
2333 N Sixth St  
Grand Junction, CO 81501-2099  
303 244-2195

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-07-31-073

\* Updated information not provided.

**Greeley****North Colorado Medical Center (Wray) Program**

North Colorado Medical Center  
Wray Community District Hospital

*Program Director:*

Joe R Ferguson, MD  
North Colorado Medical Center  
1650 16th St  
Greeley, CO 80631  
303 346-2800

*Length:* 3 Year(s) *Total Positions:* 2 (GYI: 1)

**Program ID:** 120-07-31-524

**North Colorado Medical Center Program**

North Colorado Medical Center

*Program Director:*

Joe R Ferguson, MD  
Family Practice Residency Program  
1650 16th St  
Greeley, CO 80631  
303 346-2800

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 7)

**Program ID:** 120-07-11-074

**Pueblo****Southern Colorado Family Medicine Program**

St Mary-Corwin Hospital Regional Medical and Health Center

*Program Director:*

Charles H Raye, MD  
Southern Colorado Family Medicine  
1008 Minnequa Ave  
Pueblo, CO 81004  
719 560-5872

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)

**Program ID:** 120-07-21-075

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
St Francis Hospital and Medical Center

*Program Director:*

Robert A Cushman, MD  
Asylum Hill Family Practice Center  
123 Sigourney St  
Hartford, CT 06105-2794  
203 566-8994

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

**Program ID:** 120-08-21-076

**Middletown****Middlesex Hospital Program**

Middlesex Hospital

*Program Director:*

Robert K Shapter, MD  
Family Practice Residency Program  
Middlesex Hospital  
90 S Main St  
Middletown, CT 06457-8110  
203 344-6305

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)

**Program ID:** 120-08-21-077

**Stamford****St Joseph Medical Center Program**

St Joseph Medical Center

*Program Director:*

Joseph Connelly, MD  
St Joseph Medical Center  
128 Strawberry Hill Ave  
Stamford, CT 06904-1222  
203 353-2270

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID:** 120-08-11-078

**Delaware****Wilmington****The Medical Center of Delaware Program**

The Medical Center of Delaware

*Program Director:*

Daniel L DePietro Paolo, MD  
Family Medicine Center  
1401 Foulk Rd  
Wilmington, DE 19803-2754  
302 477-3320

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)

**Program ID:** 120-09-11-079

**Temple University (Wilmington) Program**

St Francis Hospital

*Program Director:*

Kim L Carpenter, MD  
St Francis Hospital Family Practice Center  
Seventh & Clayton Sts  
MSB Level II  
Wilmington, DE 19805-0500  
302 575-8041

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 6)

**Program ID:** 120-09-21-415

**District of Columbia****Washington****George Washington University Program\***

George Washington University School of Medicine  
George Washington University Hospital  
Holy Cross Hospital of Silver Spring

*Program Director:*

Brian P Schulte, MD  
2150 Pennsylvania Ave NW  
Rm 2-242 ACC  
Washington, DC 20037  
202 994-7801

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-10-21-555

**Georgetown University/Providence Hospital Program**

Providence Hospital

*Program Director:*

Robert J Carr, MD  
Georgetown University/Providence Hospital  
Family Practice Residency Program  
1150 Varnum St NE  
Washington, DC 20017  
301 699-7707

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Subspecialties:* FPG

**Program ID:** 120-10-21-080

**Howard University Program\***

Howard University Hospital

*Program Director:*

Henry W Williams Jr, MD  
Howard University Hospital  
2041 Georgia Ave NW Ste 2107  
Washington, DC 20060  
202 332-2716

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)

**Program ID:** 120-10-21-081

**Florida****Daytona Beach****Halifax Medical Center Program**

Halifax Medical Center

*Program Director:*

Richard T Branoff, MD  
Halifax Medical Center  
PO Box 2830  
Daytona Beach, FL 32120-2830  
904 254-4167

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)

**Program ID:** 120-11-11-083

**Eglin AFB****Headquarters Air Force Development Test Center (AFMC) Program**

Headquarters Air Force Development Test Center (AFMC)

*Program Director:*

Col Peter K Senechal, MD  
96th Medical Group  
Dept of Family Practice  
Eglin AFB, FL 32542-1282  
904 882-7401

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 120-11-12-003

**Gainesville****University of Florida Program**

University of Florida College of Medicine  
Alachua General Hospital  
Shands Hospital at the University of Florida

*Program Director:*

Marvin A Dewar, MD JD  
Family Practice Residency Program  
625 SW Fourth Ave  
PO Box 147001  
Gainesville, FL 32614  
904 392-4541

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 7)

**Program ID:** 120-11-21-084

**University of Florida/North Broward Hospital District Program\***

University of Florida College of Medicine  
North Broward Hospital District

*Program Director:*

Edward Shahady, MD  
Dept of Family Practice  
Coral Springs Med Ctr  
3000 Coral Hills Dr  
Coral Springs, FL 33065  
305 344-3000

*Length:* 3 Year(s)

**Program ID:** 120-11-31-549

\* Updated information not provided.

## Accredited Programs in Family Practice

### Jacksonville

#### Naval Hospital (Jacksonville) Program

Naval Hospital (Jacksonville)

*Program Director:*

Thomas A Miller, MD  
Dept of Family Practice  
Naval Hospital  
2080 Child St

Jacksonville, FL 32214-5227  
904 777-7762

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)

*Program ID:* 120-11-21-015

#### St Vincent's Medical Center Program

St Vincent's Medical Center

*Program Director:*

Merrill A Anderson, MD  
Dept of Family Practice  
2708 St Johns Ave  
Jacksonville, FL 32205  
904 387-7374

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 120-11-11-085

#### University of Florida Health Science Center/Jacksonville Program

University Health Center (UFHSC/J)

*Program Director:*

George R Wilson, MD  
Univ of Florida Dept of Family Practice  
Dept of Community Hlth/Family Med  
1255 Lila St

Jacksonville, FL 32208  
904 764-5677

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)

*Program ID:* 120-11-21-456

### Miami

#### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Michel Dodard, MD  
University of Miami-Jackson Memorial Medical Center  
1611 NW 12th Ave  
Miami, FL 33136  
305 549-7414

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 13)

*Program ID:* 120-11-21-087

### Orlando

#### Florida Hospital Program

Florida Hospital

*Program Director:*

Richard L Milholm, MD  
Florida Hospital  
2501 N Orange Ave #235  
Orlando, FL 32804  
407 897-1514

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 15)

*Program ID:* 120-11-11-088

### Pensacola

#### Naval Hospital (Pensacola) Program

Naval Hospital (Pensacola)

*Program Director:*

Luther M Mays, MD  
Naval Hospital  
Code 55

6000 Hwy 98 W  
Pensacola, FL 32512-0003  
904 452-6472

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 12)

*Program ID:* 120-11-12-016

### St Petersburg

#### Bayfront Medical Center Program

Bayfront Medical Center

*Program Director:*

Corey H Evans, MD  
500 Seventh St S  
St Petersburg, FL 33701  
813 893-6153

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 120-11-11-090

### Tallahassee

#### Tallahassee Family Practice Program

Tallahassee Memorial Regional Medical Center

*Program Director:*

John R Purvis, MD  
Family Practice Residency Program  
1301 Hodges Dr  
Tallahassee, FL 32308-4676  
904 681-5714

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 120-11-11-086

## Georgia

### Albany

#### Phoebe Putney Memorial Hospital Program

Phoebe Putney Memorial Hospital

*Program Director:*

Gary Levine, MD  
Southwest Family Practice Residency  
500 Third Ave Ste 103  
Albany, GA 31701  
912 889-2571

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 6)

*Program ID:* 120-12-21-525

### Atlanta

#### Georgia Baptist Medical Center Program

Georgia Baptist Medical Center

*Program Director:*

Frank R Don Diego, MD  
Georgia Baptist Family Practice Residency Program  
1000 Corporate Center Dr  
Suite 200  
Morrow, GA 30260  
404 968-6460

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 6)

*Program ID:* 120-12-21-536

#### Morehouse School of Medicine Program

Morehouse School of Medicine  
Southwest Hospital and Medical Center

*Program Director:*

Harry Shaw-Strothers III, MD  
Freddie Asinor, EdD PhD  
Dept of Family Medicine  
505 Fairburn Rd SW  
Atlanta, GA 30331-2099  
404 756-1230

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Program ID:* 120-12-21-439

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics

*Program Director:*

Paul D Forney, MD  
Med Coll of Georgia  
Dept of Family Med  
1120 15th St

Augusta, GA 30912-3500  
800 729-3157

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 120-12-21-091

### Columbus

#### The Medical Center Program

The Medical Center Inc

*Program Director:*

John R Bucholtz, DO  
The Medical Center Inc  
Dept of Family Practice  
710 Center St Box 106  
Columbus, GA 31904-2299  
706 571-1836

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 120-12-11-092

### Fort Benning

#### Martin Army Community Hospital Program\*

Martin Army Community Hospital

*Program Director:*

Lt Col Steven E Reissman, MD  
Martin Army Community Hosp  
Dept of Family Medicine  
Attn: HSKBFRT  
Fort Benning, GA 31905-6100  
404 544-4750

*Length:* 3 Year(s)

*Program ID:* 120-12-11-008

### Fort Gordon

#### Dwight David Eisenhower Army Medical Center Program

Dwight David Eisenhower Army Medical Center

*Program Director:*

Bruce A Leibert, MD  
Dwight David Eisenhower Army Medical Center  
Dept of Fam & Comm Med  
Fort Gordon, GA 30905-5650  
706 791-9358

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 10)

*Program ID:* 120-12-21-009

### Macon

#### Mercer University School of Medicine Program

Medical Center of Central Georgia

*Program Director:*

William F Bina III, MD  
Dept of Family Medicine  
Medical Center of Central Georgia  
3780 Eisenhower Pkwy  
Macon, GA 31206  
912 784-3587

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 120-12-12-093

\* Updated information not provided.

**Rome****Floyd Medical Center Program**

Floyd Medical Center

*Program Director:*  
Mallory G Smith, MD  
Dept of Family Practice  
Floyd Medical Center  
2 Professional Ct  
Rome, GA 30165-2832  
706 295-5644

*Length:* 3 Year(s) *Total Positions:* 2A (GYI: 8)  
**Program ID:** 120-12-31-094

**Savannah****Memorial Medical Center Program**

Memorial Medical Center

*Program Director:*  
Keith E Ellis, MD  
Memorial Medical Center  
PO Box 23089  
Savannah, GA 31403-3089  
912 350-8838

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-12-11-095

**Hawaii****Honolulu****University of Hawaii Program\***University of Hawaii John A Burns School of Medicine  
Wahiawa General Hospital

*Program Director:*  
Curtis Takemoto-Gentile, MD  
Univ of Hawaii  
Wahiawa General Hospital  
128 Lehua St Box 580  
Wahiawa, HI 96786  
808 621-8411

*Length:* 3 Year(s)  
**Program ID:** 120-14-21-541

**Tripler AMC****Tripler Army Medical Center Program**

Tripler Army Medical Center

*Program Director:*  
David D Ellis, DO  
Dept of Family Practice  
HSHK-FM  
Tripler Army Med Ctr  
Tripler AMC, HI 96859-5000  
808 433-3313

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)  
**Program ID:** 120-14-21-502

**Idaho****Boise****Family Practice Residency of Idaho Program**Family Practice Residency of Idaho  
St Alphonsus Regional Medical Center  
St Luke's Regional Medical Center

*Program Director:*  
James R Blackman, MD  
Family Practice Medical Center  
777 N Raymond  
Boise, ID 83704  
208 322-0050

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 10)  
**Program ID:** 120-15-11-097

**Pocatello****Idaho State University Program**Idaho State University  
Bannock Regional Medical Center  
Pocatello Regional Medical Center

*Program Director:*  
Joan B Martin, MD  
Idaho State University  
Campus Box 8357  
Pocatello, ID 83209-8357  
800 627-4781

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-15-21-521

**Illinois****Berwyn****MacNeal Memorial Hospital Program**

MacNeal Memorial Hospital

*Program Director:*  
Penny Tenzer, MD  
MacNeal Hospital  
Family Practice Residency Program  
3231 S Euclid Ave  
Berwyn, IL 60402  
708 795-3425

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 10)  
**Program ID:** 120-16-11-098

**Chicago****Cook County Hospital Program**

Cook County Hospital

*Program Director:*  
Janice Benson, MD  
Dept of Family Practice  
Cook County Hospital  
621 S Winchester 2nd Fl  
Chicago, IL 60612  
312 633-8587

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 14)  
**Program ID:** 120-16-11-100

**Jackson Park Hospital Program**

Jackson Park Hospital

*Program Director:*  
Lakshmi P Dodda, MD  
Jackson Park Hospital Family Practice Center  
7501 Stony Island Ave  
Chicago, IL 60649  
312 947-7310

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-16-12-363

**Northwestern University/St Joseph Hospital and Health Care Center Program**

St Joseph Health Care Centers and Hospital

*Program Director:*  
Roger A Nosal, MD PhD  
Saint Joseph Hospital and Health Care Center  
2900 N Lake Shore Dr Rm 821  
Chicago, IL 60657-6274  
312 665-3300

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-16-11-103

**Resurrection Medical Center Program**

Resurrection Medical Center

*Program Director:*  
Robert L Buckley, MD  
Family Practice Center  
7447 W Talcott  
Chicago, IL 60631  
312 792-5155

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-16-11-102

**Rush Medical College/Illinois Masonic Medical Center Program**Rush-Presbyterian-St Luke's Medical Center  
Illinois Masonic Medical Center

*Program Director:*  
Thomas Dent, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 296-5290

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)  
**Program ID:** 120-16-21-543

**St Elizabeth's Hospital Program**

St Elizabeth's Hospital

*Program Director:*  
Martin Gonzalez, MD  
Family Practice Center  
1431 N Western Ave  
Ste 406  
Chicago, IL 60622  
312 278-2000

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 6)  
**Program ID:** 120-16-21-428

**St Mary of Nazareth Hospital Center Program**

St Mary of Nazareth Hospital Center

*Program Director:*  
Adolfo M Llano, MD  
St Mary of Nazareth Hospital Center  
Family Practice Residency Program  
2233 W Division St  
Chicago, IL 60622  
312 770-2858

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 9)  
**Program ID:** 120-16-11-104

**University of Illinois College of Medicine at Chicago Program**University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics

*Program Director:*  
Elizabeth A Burns, MD  
University of Illinois at Chicago College of Medicine  
Family Practice Dept M/C 663  
1919 W Taylor St  
Chicago, IL 60612  
312 413-0491

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 4)  
**Program ID:** 120-16-21-488

**University of Illinois College of Medicine at Chicago/Christ Hospital Program**University of Illinois College of Medicine at Chicago  
EHS Christ Hospital and Medical Center  
Rush-Presbyterian-St Luke's Medical Center

*Program Director:*  
Kevin M Scherin, MD  
UIC/EHS-Christ Hospital Family Practice  
Dept of Family Practice  
4400 W 95th St  
Oak Lawn, IL 60453  
708 346-5324

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 120-16-21-964

\* Updated information not provided.

**University of Illinois College of Medicine at Chicago/Ravenswood Hospital Program**

University of Illinois College of Medicine at Chicago Ravenswood Hospital Medical Center

*Program Director:*  
Margaret Wiedmann, MD  
Univ of IL Family Practice Residency at Ravenswood Hospital Medical Center  
4550 N Winchester  
Chicago, IL 60640-5205  
312 878-4300

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 5)  
**Program ID:** 120-16-21-467

**Hinsdale**

**Hinsdale Hospital Program**

Hinsdale Hospital  
*Program Director:*  
Gerald A Lofthouse, MD  
Hinsdale Hospital  
135 N Oak St  
Hinsdale, IL 60521  
708 856-8950

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 120-16-21-109

**LaGrange**

**LaGrange Memorial Health System Program**

LaGrange Memorial Health System  
*Program Director:*  
William J Nelson, MD  
LaGrange Memorial Hospital  
Family Practice Center  
1323 Memorial Dr Ste 214  
LaGrange, IL 60525  
708 352-7470

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 6)  
**Program ID:** 120-16-11-110

**North Chicago**

**Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School  
Swedish Covenant Hospital  
*Program Director:*  
Walten I Baba, MD PhD  
Swedish Covenant Hospital  
Div of Med Educ  
5145 N California Ave  
Chicago, IL 60625  
312 989-3808

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-16-31-106

**Oak Park**

**West Suburban Hospital Medical Center Program**

West Suburban Hospital Medical Center  
*Program Director:*  
Kenneth M Blair, MD  
West Suburban Family Practice Residency Program  
1000 W Lake St  
Oak Park, IL 60301  
708 386-7600

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)  
**Program ID:** 120-16-31-112

**Park Ridge**

**Lutheran General Hospital Program**

Lutheran General Hospital  
*Program Director:*  
Ronald A Ferguson, MD  
Lutheran General Hospital  
1775 Dempster St  
Park Ridge, IL 60068  
708 696-7969

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Subspecialties:* FPG  
**Program ID:** 120-16-11-107

**Peoria**

**University of Illinois College of Medicine at Peoria Program**

University of Illinois College of Medicine at Peoria  
Methodist Medical Center of Illinois

*Program Director:*  
Thomas B Golemon, MD  
Methodist Medical Center of Illinois  
120 NE Glen Oak Ave Ste 100  
Peoria, IL 61603-4391  
309 672-5743

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
**Program ID:** 120-16-11-113

**Rockford**

**University of Illinois College of Medicine at Rockford Program**

University of Illinois College of Medicine at Rockford  
St Anthony Medical Center  
Swedish American Hospital

*Program Director:*  
Peter J MacDonald, MD  
Family Practice Center  
1601 Parkview Ave  
Rockford, IL 61107-1897  
815 395-5705

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 120-16-31-115

**Scott AFB**

**USAF Medical Center (Scott) Program**

USAF Medical Center (Scott) (SGE)  
*Program Director:*  
Jon R Pearse, MD  
375th Medical Group  
Dept of Family Practice  
310 W Losey St  
Scott AFB, IL 62225-5252  
618 256-4287

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
**Program ID:** 120-16-21-004

**Springfield**

**Southern Illinois University (Belleville) Program**

Southern Illinois University School of Medicine  
St Elizabeth's Hospital  
Memorial Hospital

*Program Director:*  
Gerald D Suchomski, MD  
Belleville Family Practice Center  
300 W Lincoln St  
Belleville, IL 62220  
618 233-5480

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 6)  
**Program ID:** 120-16-21-427

**Southern Illinois University (Carbondale) Program**

Southern Illinois University School of Medicine  
Memorial Hospital of Carbondale

*Program Director:*  
Penelope K Tippy, MD  
Memorial Hospital of Carbondale  
404 W Main St  
Carbondale, IL 62901  
618 536-6621

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 4)  
**Program ID:** 120-16-11-099

**Southern Illinois University (Decatur) Program**

Southern Illinois University School of Medicine  
Decatur Memorial Hospital  
St Mary's Hospital

*Program Director:*  
John G Bradley, MD  
SIU/Decatur Family Practice Residency Program  
1314 N Main St  
Ste 201  
Decatur, IL 62526  
217 423-8186

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-16-21-354

**Southern Illinois University (Quincy) Program**

Southern Illinois University School of Medicine  
Blessing Hospital

*Program Director:*  
Jerry Kruse, MD  
Quincy Family Practice Center  
2325 Elm  
Quincy, IL 62301  
217 224-9484

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 120-16-21-365

**Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*  
H Edward Ayliffe, MD  
Southern Illinois University School of Medicine  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-0317

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)  
**Program ID:** 120-16-21-117

**Urbana**

**Carle Foundation Hospital Program**

Carle Foundation Hospital  
*Program Director:*  
David L Whitehill, MD  
Carle Foundation Hospital  
611 W Park

Urbana, IL 61801  
217 383-3302  
*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-16-21-492

\* Updated information not provided.

**Indiana****Beech Grove****St Francis Hospital and Health Centers Program**

St Francis Hospital and Health Centers

*Program Director:*  
Richard D Feldman, MD  
Family Practice Center  
1500 Albany St Ste 807  
Beech Grove, IN 46107  
317 783-8923

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-17-11-125

**Evansville****Deaconess Hospital Program**

Deaconess Hospital

*Program Director:*  
Wallace M Adye, MD  
Deaconess Family Practice Center  
350 W Columbia St Ste 10  
Evansville, IN 47710  
812 426-3363

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 5)  
**Program ID:** 120-17-21-119

**St Mary's Medical Center Program**

St Mary's Medical Center

*Program Director:*  
Raymond W Nicholson Jr, MD  
St Mary's Medical Center  
3700 Washington Ave  
Evansville, IN 47750  
812 479-4173

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-17-21-120

**Fort Wayne****Fort Wayne Medical Education Program**

Fort Wayne Medical Education Program  
Lutheran Hospital of Indiana  
Parkview Memorial Hospital  
St Joseph's Medical Center

*Program Director:*  
Richard B Juergens, MD  
Parklake Medical Building  
2448 Lake Ave  
Fort Wayne, IN 46805  
219 422-6573

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 9)  
**Program ID:** 120-17-21-121

**Gary****Indiana University Medical Center at Gary Program**

Northwest Center for Medical Education  
St Margaret Hospital and Health Center  
The Methodist Hospitals

*Program Director:*  
David E Ross, MD  
Indiana University School of Medicine  
Northwest Ctr for Med Education  
3400 Broadway  
Gary, IN 46408-1197  
219 980-6641

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-17-21-493

**Indianapolis****Community Hospitals of Indianapolis Program**

Community Hospitals of Indianapolis

*Program Director:*  
John H Black, MD  
Family Practice Residency Program  
5502 E 16th St Ste A10  
Indianapolis, IN 46218  
317 355-5829

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)  
**Program ID:** 120-17-11-123

**Indiana University Medical Center Program**

Indiana University Medical Center  
William N Wishard Memorial Hospital

*Program Director:*  
Deborah I Allen, MD  
Univ Hosp Rm 2007  
550 N University Blvd  
Indianapolis, IN 46202-5263  
317 274-1289

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-17-21-519

**Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*  
Alvin J Haley, MD  
Methodist Hospital  
1633 N Capitol Ave Ste 260  
Indianapolis, IN 46202-1261  
317 929-8188

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID:** 120-17-11-126

**St Vincent Hospital and Health Care Center Program\***

St Vincent Hospital and Health Care Center

*Program Director:*  
George E Hutter, MD  
St Vincent Family Medicine  
8220 Naab Rd Ste 200  
Indianapolis, IN 46260  
317 338-7600

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID:** 120-17-11-127

**Muncie****Ball Memorial Hospital Program**

Ball Memorial Hospital

*Program Director:*  
Robert Reilly, MD  
Ball Memorial Hospital Dept of Family Practice  
2300 W Gilbert St  
Muncie, IN 47303  
317 747-3376

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID:** 120-17-11-128

**South Bend****Memorial Hospital of South Bend Program**

Memorial Hospital of South Bend

*Program Director:*  
Robert J Riley, MD  
Memorial Hospital of South Bend  
714 N Michigan St  
South Bend, IN 46601  
219 284-7913

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID:** 120-17-11-129

**St Joseph's Medical Center of South Bend Program**

St Joseph's Medical Center of South Bend

*Program Director:*  
Al Tomchaney, MD  
St Joseph's Med Ctr of South Bend  
801 E LaSalle St  
PO Box 1935  
South Bend, IN 46634  
219 237-7637

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 6)  
**Program ID:** 120-17-11-130

**Terre Haute****Union Hospital Program**

Union Hospital

*Program Director:*  
James R Buechler, MD  
Union Hospital Family Practice Residency  
1513 N 6 1/2 St  
Terre Haute, IN 47807  
812 238-7632

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 120-17-11-131

**Iowa****Cedar Rapids****Cedar Rapids Program**St Luke's Methodist Hospital  
Mercy Medical Center

*Program Director:*  
Curtis L Reynolds III, MD  
Cedar Rapids Medical Center  
1026 A Ave NE  
PO Box 3026  
Cedar Rapids, IA 52406-3026  
319 369-7393

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
**Program ID:** 120-18-22-132

**Davenport****Genesis Medical Center Program**

Genesis Medical Center

*Program Director:*  
Monte L Skaufle, MD  
Mercy/St Luke's Family Practice  
516 W 35th St  
Davenport, IA 52806  
319 386-3708

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-18-21-133

**Des Moines****Broadlawns Medical Center Program**

Broadlawns Medical Center

*Program Director:*  
Larry D Beaty, MD  
Broadlawns Medical Center  
1801 Hickman Rd  
Des Moines, IA 50314  
515 282-2565

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 8)  
**Program ID:** 120-18-11-134

\* Updated information not provided.



**Iowa Lutheran Hospital Program\***

Iowa Lutheran Hospital  
*Program Director:*  
 Gerald D Loos, MD  
 Dept of Family Practice  
 840 E University  
 Des Moines, IA 50316  
 515 265-1050  
*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID:** 120-18-31-135

**Iowa City**

**University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
 Mercy Hospital  
*Program Director:*  
 George R Bergus, MD  
 University of Iowa Hospitals and Clinics  
 Dept of Family Practice  
 Steindler Bldg  
 Iowa City, IA 52242-1097  
 319 335-8466  
*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Subspecialties:* FPG  
**Program ID:** 120-18-11-136

**Mason City**

**North Iowa Mercy Health Center Program**

North Iowa Mercy Health Center  
*Program Director:*  
 David H Hanson, MD  
 North Iowa Mercy Health Center  
 Family Practice  
 101 S Taylor St  
 Mason City, IA 50401-2999  
 515 424-7779  
*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 120-18-21-373

**Sioux City**

**Siouxland Medical Education Foundation Program**

St Luke's Regional Medical Center  
 Marian Health Center  
*Program Director:*  
 Michael J Jung, MD  
 Siouxland Medical Education Foundation  
 2417 Pierce St  
 Sioux City, IA 51104  
 712 252-3884  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-18-21-137

**Waterloo**

**Northeast Iowa Medical Education Foundation Program**

Covenant Medical Center-West Ninth  
 Allen Memorial Hospital  
 Covenant Medical Center  
*Program Director:*  
 John E Sutherland, MD  
 Northeast Iowa Medical Education Foundation Inc  
 441 E San Marnan Dr  
 Waterloo, IA 50702-5997  
 319 234-4419  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-18-21-138

**Kansas**

**Kansas City**

**University of Kansas Medical Center (Hays) Program\***

University of Kansas School of Medicine  
 University of Kansas Medical Center  
*Program Director:*  
 Cynda A Johnson, MD  
 Univ of Kansas Med Ctr  
 Dept of Family Practice  
 3901 Rainbow Blvd  
 Kansas City, KS 66160  
 913 588-1902  
*Length:* 3 Year(s)  
**Program ID:** 120-19-31-554

**University of Kansas Medical Center (Junction City) Program\***

University of Kansas School of Medicine  
 University of Kansas Medical Center  
*Program Director:*  
 Cynda A Johnson, MD  
 Univ of Kansas Med Ctr  
 Dept of Family Practice  
 3901 Rainbow Blvd  
 Kansas City, KS 66160  
 913 588-1902  
*Length:* 3 Year(s)  
**Program ID:** 120-19-21-553

**University of Kansas Medical Center Program**

University of Kansas School of Medicine  
 University of Kansas Medical Center  
*Program Director:*  
 Cynda A Johnson, MD  
 University of Kansas Medical Center Dept of Family  
 Medicine  
 39th & Rainbow Blvd  
 Kansas City, KS 66160-7370  
 913 588-1902  
*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 17)  
**Program ID:** 120-19-11-139

**Salina**

**University of Kansas (Wichita)/Salina Program**

Salina Health Education Foundation  
 Asbury-Salina Regional Medical Center  
 St John's Regional Health Center  
*Program Director:*  
 Rick D Kellerman, MD  
 Smoky Hill Family Practice Center  
 130 W Claflin PO Box 1757  
 Salina, KS 67402-1757  
 913 825-7251  
*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-19-21-366

**Topeka**

**Kansas Medical Education Foundation Program**

Kansas Medical Education Foundation  
 St Francis Hospital and Medical Center  
 Stormont-Vail Regional Medical Center  
*Program Director:*  
 Jesse C Haggerty III, MD PhD  
 Family Medicine Residency Program of Topeka  
 631 SW Horne  
 Ste 340  
 Topeka, KS 66606-1663  
 913 234-0880  
*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 4)  
**Program ID:** 120-19-21-534

**Wichita**

**University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
 St Joseph Medical Center  
*Program Director:*  
 Jerome G Streit, MD  
 Family Practice Center  
 St Joseph Medical Center  
 Wichita, KS 67218-2990  
 316 689-6368  
*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 120-19-11-141

**University of Kansas (Wichita)/St Francis Program**

University of Kansas School of Medicine (Wichita)  
 St Francis Regional Medical Center  
*Program Director:*  
 Richard H Leu, MD  
 Family Practice Center  
 925 N Emporia  
 Wichita, KS 67214  
 316 268-5996  
*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 120-19-11-140

**University of Kansas (Wichita)/Wesley Medical Center Program**

University of Kansas School of Medicine (Wichita)  
 Wesley Medical Center  
*Program Director:*  
 Carol A Johnson, MD  
 Wesley Family Practice Center  
 3340 E Central  
 Wichita, KS 67208-3104  
 316 688-3976  
*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)  
**Program ID:** 120-19-11-142

**Kentucky**

**Edgewood**

**St Elizabeth Medical Center Program**

St Elizabeth Medical Center  
*Program Director:*  
 Daniel L French, MD  
 St Elizabeth Family Practice Center  
 900 Medical Village Dr  
 Edgewood, KY 41017  
 606 344-3841  
*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID:** 120-20-11-143

**Lexington**

**University of Kentucky Medical Center (Hazard) Program**

University of Kentucky College of Medicine  
 ARH Regional Medical Center  
 University Hospital-Albert B Chandler Medical Center  
*Program Director:*  
 Joseph A Florence, MD  
 University of Kentucky Center for Rural Health  
 100 Airport Gardens Rd  
 Suite 10  
 Hazard, KY 41701-9500  
 606 439-3557  
*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-20-21-512

\* Updated information not provided.

**University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Central Baptist Hospital

*Program Director:*  
Richard A Neill, MD  
Univ of Kentucky Coll of Med  
Dept of Family Practice  
Kentucky Clinic  
Lexington, KY 40536-0284  
606 323-6712

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-20-21-144

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
University of Louisville Hospital

*Program Director:*  
Richard D Blondell, MD  
Univ of Louisville School of Medicine  
Dept Family & Community Med  
Louisville, KY 40292-001  
502 852-5499

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-20-21-145

**Madisonville****Trover Clinic Foundation Program**

Trover Clinic Foundation  
Regional Medical Center of Hopkins County

*Program Director:*  
Robert B Cloar, MD  
Trover Clinic Foundation  
200 Clinic Dr  
Madisonville, KY 42431  
502 852-7271

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-20-31-146

**Louisiana****Baton Rouge****Baton Rouge General Medical Center Program**

Baton Rouge General Medical Center

*Program Director:*  
Richard H Streiffer, MD  
3600 Florida Blvd PO Box 2511  
Baton Rouge, LA 70821-2511  
504 387-7899

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 6)  
*Program ID:* 120-21-21-560

**Louisiana State University (Baton Rouge) Program**

Earl K. Long Medical Center

*Program Director:*  
John T Howe, MD  
Earl K Long Med Ctr  
Dept of Family Practice  
5825 Airline Hwy  
Baton Rouge, LA 70805-2498  
504 358-1210

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-21-21-400

**Lafayette****Louisiana State University (Lafayette) Program**

University Medical Center (Lafayette)

*Program Director:*  
Albert C Rees, MD  
University Medical Center  
2390 W Congress St  
Lafayette, LA 70506-4016  
318 261-6057

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
*Program ID:* 120-21-11-149

**Monroe****Louisiana State University (Shreveport)/Monroe Program**

E A Conway Medical Center

*Program Director:*  
Donald N Givler Jr, MD  
E A Conway Medical Center  
PO Box 1881  
Monroe, LA 71210-1881  
318 388-7650

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-21-21-440

**New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation  
Leonard J Chabert Medical Center

*Program Director:*  
Daniel F Butler, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 836-9831

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
*Program ID:* 120-21-21-505

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport  
Schumpert Medical Center

*Program Director:*  
Michael B Harper, MD  
Louisiana State University Medical Center Hospital  
Medical Education - Family Practice  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-5815

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-21-21-150

**Maine****Augusta****Maine-Dartmouth Family Practice Program**

Kennebec Valley Medical Center  
Mid-Maine Medical Center

*Program Director:*  
Daniel K Onion, MD  
Maine-Dartmouth Family Practice Residency  
12 E Chestnut St  
Augusta, ME 04330-5796  
207 626-1894

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 9)  
*Program ID:* 120-22-22-151

**Bangor****Eastern Maine Medical Center Program**

Eastern Maine Medical Center

*Program Director:*  
James A Raczek, MD  
Eastern Maine Medical Center  
417 State St Ste 100  
Bangor, ME 04401-0667  
207 945-7979

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 9)  
*Program ID:* 120-22-12-152

**Lewiston****Central Maine Medical Center Program**

Central Maine Medical Center

*Program Director:*  
Dana W Little, MD  
Central Maine Medical Center  
Family Practice Residency Program  
76 High St  
Lewiston, ME 04240  
207 795-2803

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 6)  
*Program ID:* 120-22-11-153

**Portland****Maine Medical Center/Mercy Hospital Program**

Maine Medical Center  
Mercy Hospital

*Program Director:*  
Robert E McArtor, MD MPH  
Maine Medical Center  
Dept of Family Practice  
22 Bramhall St  
Portland, ME 04102  
207 871-2875

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-22-31-154

**Maryland****Andrews AFB****Malcolm Grow USAF Medical Center Program**

89th Medical Group

*Program Director:*  
David R Richmond, MD  
Dieter Kreckel, MD  
89th MDG  
1075 W Perimeter Rd  
Ste A-01

Andrews AFB, MD 20331-5450  
301 981-3956

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)  
*Program ID:* 120-23-21-002

**Baltimore****Franklin Square Hospital Center Program**

Franklin Square Hospital Center

*Program Director:*  
William D Hakkarinen, MD  
Franklin Sq Hosp  
Dept of Family Practice  
9000 Franklin Sq Dr  
Baltimore, MD 21237  
410 682-7304

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)  
*Program ID:* 120-23-12-155

\* Updated information not provided.

**University of Maryland Program**

University of Maryland Medical System  
Union Memorial Hospital

*Program Director:*

Kevin Scott Ferentz, MD  
Family Medicine Residency Program  
University Family Practice  
29 S Paca St  
Baltimore, MD 21201  
410 328-5012

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)  
**Program ID:** 120-23-21-156

**Cheverly**

**Prince George's Hospital Center Program\***

Prince George's Hospital Center

*Program Director:*

A Clarke Holmes, MD  
Prince George's Hosp Ctr  
Family Hlth Ctr  
Cheverly, MD 20785  
301 618-3433

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-23-31-157

**Massachusetts**

**Beverly**

**Beverly Hospital Program\***

Beverly Hospital

*Program Director:*

William Reichel, MD  
The Family Practice Residency Program  
75 Lindall St  
Danvers, MA 01923  
508 922-3000

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 4)  
**Program ID:** 120-24-21-531

**Fitchburg**

**University of Massachusetts (Fitchburg) Program**

Burbank Hospital

*Program Director:*

Peter McConarty, MD  
Dept of Family Practice  
47 Ashby State Rd  
Fitchburg, MA 01420  
508 343-3041

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-24-31-159

**Lawrence**

**Greater Lawrence Family Health Center Program**

Greater Lawrence Family Health Center Inc  
Lawrence General Hospital

*Program Director:*

Scott C Early, MD  
Lawrence Family Practice Residency  
150 Park St  
Lawrence, MA 01841  
508 685-4860

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 8)  
**Program ID:** 120-24-21-528

**Malden**

**Malden Hospital Program**

Malden Hospital

*Program Director:*

Jeanne F Arnold, MD  
Peter F Jeffries, MD  
Malden Hospital Family Practice Residency  
100 Hospital Rd  
Malden, MA 02148-3951  
800 532-3324

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-24-21-506

**Worcester**

**University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
Medical Center of Central Massachusetts  
St Vincent Hospital

*Program Director:*

James S Pease, MD MPH  
Univ of Massachusetts Medical Center  
Benedict Bldg 3rd Fl  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3025

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 13)  
**Program ID:** 120-24-21-160

**Michigan**

**Ann Arbor**

**University of Michigan Program**

University of Michigan Hospitals  
Chelsea Community Hospital

*Program Director:*

John M O'Brien, MD  
University of Michigan Hospitals  
Dept of Family Practice  
1018 Fuller St  
Ann Arbor, MI 48109-0708  
313 475-4452

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)  
**Program ID:** 120-25-21-425

**Dearborn**

**Oakwood Hospital Program**

Oakwood Hospital

*Program Director:*

John M Battle, MD  
Oakwood Hospital  
18101 Oakwood Blvd  
PO Box 2500  
Dearborn, MI 48123-2500  
313 593-7798

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID:** 120-25-21-161

**Detroit**

**Henry Ford Hospital Program**

Henry Ford Hospital  
Cottage Hospital of Grosse Pointe

*Program Director:*

Christine Jerpbak, MD  
Henry Ford Hospital  
Family Practice Residency Program  
One Ford Pl Rm 1C63  
Detroit, MI 48202  
313 874-5373

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
**Program ID:** 120-25-21-484

**Sinai Hospital Program\***

Sinai Hospital

*Program Director:*

Peter Scuccimarrì, MD  
Sinai Hosp of Detroit  
6767 W Outer Dr  
Detroit, MI 48235  
313 493-5050

*Length:* 3 Year(s)  
**Program ID:** 120-25-21-561

**St John Hospital and Medical Center Program**

St John Hospital and Medical Center

*Program Director:*

Kenneth W Bollin, MD  
St John Hospital Family Medical Center  
24911 Little Mack Ave  
Suite C  
St Clair Shores, MI 48080  
810 777-2254

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-25-11-163

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Grace Hospital  
Huron Valley Hospital

*Program Director:*

Bruce R Deschere, MD  
505 S Woodward Ave  
Royal Oak, MI 48067  
810 543-9915

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 120-25-21-164

**Flint**

**Genesys Regional Medical Center-St Joseph Campus Program**

Genesys Regional Medical Center-St Joseph Campus

*Program Director:*

William K Stetson, MD  
Genesys Regional Medical Center-St Joseph Campus  
302 Kensington Ave  
Flint, MI 48503-2000  
810 762-8723

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)  
**Program ID:** 120-25-31-166

**Grand Rapids**

**Grand Rapids Program**

St Mary's Health Services  
Butterworth Hospital

*Program Director:*

Susan L Radecky, MD  
Grand Rapids Family Practice Program  
200 Jefferson SE  
Grand Rapids, MI 49503  
616 774-6741

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
**Program ID:** 120-25-21-167

**Grosse Pointe**

**Bon Secours Hospital Program**

Bon Secours Hospital

*Program Director:*

Peter Rodin, DO  
Bon Secours Hosp  
468 Cadiieux Rd  
Grosse Pointe, MI 48230  
313 343-1490

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-25-21-168

\* Updated information not provided.

**Kalamazoo****Kalamazoo Center for Medical Studies/Michigan State University Program**

Kalamazoo Center for Medical Studies  
Borgess Medical Center  
Bronson Methodist Hospital

*Program Director:*  
Robert W Reinhardt, MD  
MSU Kalamazoo Ctr for Med Studies  
1000 Oakland Dr  
Kalamazoo, MI 49008-9977  
616 337-6550

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-25-21-169

**Lansing****Sparrow Hospital Program**

Sparrow Hospital  
*Program Director:*  
William P Gifford, MD  
Sparrow Family Practice Residency Program  
1322 E Michigan Ave  
Ste #316

Lansing, MI 48912-2109  
517 483-2958

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 6)  
**Program ID:** 120-25-21-170

**St Lawrence Hospital and HealthCare Services/ Michigan State University Program**

St Lawrence Hospital and HealthCare Services

*Program Director:*  
Randolph L Pearson, MD  
St Lawrence Hospital and Health Care Services  
Dept of Family Practice  
1210 W Saginaw  
Lansing, MI 48915  
517 377-0323

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 4)  
*Subspecialties:* FPG  
**Program ID:** 120-25-31-165

**Marquette****Marquette General Hospital Program**

Marquette General Hospital

*Program Director:*  
John L Lehtinen, MD  
Dept of Family Medicine  
Marquette General Hospital  
1414 W Fair Ave Ste 36  
Marquette, MI 49855  
906 225-3867

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 6)  
**Program ID:** 120-25-21-370

**Midland****MidMichigan Regional Medical Center Program**

MidMichigan Regional Medical Center

*Program Director:*  
Robert J Lachance, MD  
MidMichigan Regional Medical Center  
4005 Orchard Dr  
Midland, MI 48670  
517 839-3320

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-25-31-171

**Pontiac****North Oakland Medical Center Program**

North Oakland Medical Centers

*Program Director:*  
Anthony N Vettrano Jr, MD  
North Oakland Medical Centers  
Family Practice Center  
461 W Huron  
Pontiac, MI 48341  
810 857-6700

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-25-12-172

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*  
Paul W Misch, MD  
William Beaumont Hosp  
Dept of Family Practice  
44199 Dequindre Rd  
Troy, MI 48098  
810 828-5345

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 120-25-21-374

**Saginaw****Saginaw Cooperative Hospitals Program**

Saginaw Cooperative Hospitals Inc  
Saginaw General Hospital  
St Luke's Hospital  
St Mary's Medical Center

*Program Director:*  
Larry S Kelly, MD  
Family Medicine  
1000 Houghton  
Saginaw, MI 48602  
517 771-6900

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID:** 120-25-31-174

**Southfield****Providence Hospital Program**

Providence Hospital

*Program Director:*  
Gary G Otsuji, MD  
Providence Family Practice Ctr 5th Fl PMB  
22250 Providence Dr  
Southfield, MI 48075  
810 424-3447

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)  
**Program ID:** 120-25-21-175

**Minnesota****Duluth****Duluth Graduate Medical Education Council Program**

St Luke's Hospital  
St Mary's Medical Center

*Program Director:*  
Thomas W Day, MD  
Duluth Family Practice Center  
330 N Eighth Ave E  
Duluth, MN 55805  
218 725-2601

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)  
**Program ID:** 120-26-21-176

**Minneapolis****Health One Corporation Program**

Health One Corporation  
United Hospital  
Children's Health Care-St Paul

*Program Director:*  
Kathleen M Macken, MD  
United Family Health Center  
545 W Seventh St #3  
St Paul, MN 55102  
612 293-9199

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-26-21-526

**Hennepin County Medical Center Program**

Hennepin County Medical Center

*Program Director:*  
Patricia Cole, MD  
Family Medical Center  
5 W Lake St  
Minneapolis, MN 55408  
612 827-9777

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 12)  
**Program ID:** 120-26-11-177

**University of Minnesota Program**

University of Minnesota Medical School  
Fairview Riverside Medical Center  
HealthEast St John's Northeast Hospital  
HealthEast St Joseph's Hospital  
Methodist Hospital  
North Memorial Medical Center

*Program Director:*  
Joseph M Keenan, MD  
Univ of Minnesota  
Attn: Anita Eich  
825 Washington Ave SE Box 25  
Minneapolis, MN 55414-3034  
612 627-4933

*Length:* 3 Year(s) *Total Positions:* 146 (GYI: 50)  
**Program ID:** 120-26-21-491

**Rochester****Mayo Graduate School of Medicine (Jacksonville) Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Jacksonville)  
Baptist Medical Center (UFHSC/J)  
St Luke's Hospital

*Program Director:*  
Sandra L Argenio, MD  
4205 Belfort Rd  
Ste 1000  
Jacksonville, FL 32216  
904 296-3800

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 6)  
**Program ID:** 120-11-21-545

**Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*  
David C Agerter, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3108

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)  
**Program ID:** 120-26-21-179

\* Updated information not provided.

## St Paul

### St Paul-Ramsey Medical Center Program

St Paul-Ramsey Medical Center

*Program Director:*

David J Mersy, MD  
St Paul-Ramsey Medical Center  
640 Jackson St  
St Paul, MN 55101-2595  
612 221-3540

Length: 3 Year(s) Total Positions: 38 (GYI: 12)

Program ID: 120-26-11-180

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

Gregory H Blake, MD MPH  
University Hospital  
Dept of Family Medicine  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5426

Length: 3 Year(s) Total Positions: 44 (GYI: 14)

Program ID: 120-27-21-181

### Tupelo

#### North Mississippi Medical Center Program

North Mississippi Medical Center  
University of Mississippi School of Medicine

*Program Director:*

Edward Hill, MD  
830 S Gloster St  
Tupelo, MS 38801  
601 841-3891

Length: 3 Year(s) Total Positions: 18 (GYI: 6)

Program ID: 120-27-21-558

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

Steven C Zweig, MD  
Univ of Missouri-Columbia  
Dept of Family and Community Med  
One Hospital Dr  
Columbia, MO 65212  
314 882-9099

Length: 3 Year(s) Total Positions: 35 (GYI: 10)

Subspecialties: FPG

Program ID: 120-28-11-182

### Kansas City

#### Baptist Medical Center Program

Baptist Medical Center

*Program Director:*

Lawrence A Rues, MD  
Baptist Medical Center  
6601 Rockhill Rd  
Kansas City, MO 64131  
816 276-7600

Length: 3 Year(s) Total Positions: 24 (GYI: 8)

Program ID: 120-28-21-183

### Trinity Lutheran Hospital Program

Trinity Lutheran Hospital

*Program Director:*

Scott W Thompson, MD  
Trinity Lutheran Hospital  
Dept of Family Practice  
2900 Baltimore Ste 400  
Kansas City, MO 64108  
816 751-5000

Length: 3 Year(s) Total Positions: 21 (GYI: 7)

Program ID: 120-28-21-451

### University of Missouri at Kansas City Program

University of Missouri-Kansas City School of Medicine  
Truman Medical Center-East  
Truman Medical Center-West

*Program Director:*

R Stephen Griffith, MD  
Truman Medical Center  
7900 Lee's Summit Rd  
Kansas City, MO 64139-1246  
816 373-4415

Length: 3 Year(s) Total Positions: 30 (GYI: 10)

Subspecialties: FPG

Program ID: 120-28-21-422

## Springfield

### Cox Medical Centers Program

Cox Medical Center North  
Cox Medical Center South

*Program Director:*

Larry W Halverson, MD  
Cox Medical Centers  
1443 N Robberson  
Ste 701  
Springfield, MO 65802  
417 836-8787

Length: 3 Year(s) Total Positions: 19 (GYI: 6)

Program ID: 120-28-21-476

## St Louis

### Deaconess Hospital Program

Deaconess Hospital

*Program Director:*

David C Campbell, MD  
Deaconess Hospital Dept of Family Medicine  
6150 Oakland Ave  
St Louis, MO 63139  
314 768-3204

Length: 3 Year(s) Total Positions: 18 (GYI: 6)

Program ID: 120-28-21-479

### St John's Mercy Medical Center Program

St John's Mercy Medical Center

*Program Director:*

Peter G Danis, MD  
St John's Mercy Medical Center  
615 S New Ballas Rd  
St Louis, MO 63141-8277  
314 569-6010

Length: 3 Year(s) Total Positions: 18 (GYI: 6)

Program ID: 120-28-21-186

## Nebraska

### Lincoln

#### Lincoln Medical Education Foundation Program

Lincoln Medical Education Foundation  
Bryan Memorial Hospital  
Lincoln General Hospital  
St Elizabeth Community Health Center

*Program Director:*

Donald J Larson, MD  
Lincoln Medical Education Foundation  
Lincoln Family Practice Program  
4601 F St  
Lincoln, NE 68510-4892  
402 483-4591

Length: 3 Year(s) Total Positions: 19 (GYI: 7)

Program ID: 120-30-31-187

### Omaha

#### Bishop Clarkson Memorial Hospital Program

Bishop Clarkson Memorial Hospital

*Program Director:*

Richard A Raymond, MD  
Clarkson Family Medicine  
4200 Douglas St  
Omaha, NE 68131-2705  
402 552-2045

Length: 3 Year(s) Total Positions: 14 (GYI: 6)

Program ID: 120-30-21-498

### Creighton University Program

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center

*Program Director:*

Donald R Frey, MD  
Creighton University  
Dept of Family Practice  
601 N 30th St  
Omaha, NE 68131-2197  
402 280-4111

Length: 3 Year(s) Total Positions: 31 (GYI: 11)

Program ID: 120-30-31-188

### University of Nebraska (Grand Island) Program

University of Nebraska Medical Center  
Good Samaritan Hospital  
St Francis Medical Center

*Program Director:*

James H Stageman, MD  
University of Nebraska Medical Center  
.600 S 42nd St  
Omaha, NE 68198-3075  
402 559-7249

Length: 3 Year(s) Total Positions: 8 (GYI: 0)

Program ID: 120-30-21-517

### University of Nebraska Program

University of Nebraska Medical Center  
Ehrling Bergquist Hospital  
Methodist Hospital

*Program Director:*

James H Stageman Jr, MD  
Dept of Family Practice  
Univ of Nebraska Medical Center  
600 S 42nd St  
Omaha, NE 68198-3075  
402 559-7249

Length: 3 Year(s) Total Positions: 48 (GYI: 14)

Program ID: 120-30-21-189

\* Updated information not provided.

## Nevada

### Reno

#### University of Nevada (Las Vegas) Program

University of Nevada School of Medicine  
University Medical Center of Southern Nevada

*Program Director:*  
James G Lenhart, MD  
University of Nevada School of Medicine  
Dept of Family and Community Med  
6375 W Charleston Blvd A100  
Las Vegas, NV 89102  
702 877-4974

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
*Program ID:* 120-31-21-481

#### University of Nevada (Reno) Program

University of Nevada School of Medicine  
Ioannis A Lougaris Veterans Affairs Medical Center  
Washoe Medical Center

*Program Director:*  
Robert B Bannister, DO  
University of Nevada School of Medicine  
Dept of Family & Community Medicine  
Brigham Bldg 316  
Reno, NV 89557-0046  
702 784-6180

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
*Program ID:* 120-31-21-482

## New Hampshire

### Concord

#### New Hampshire-Dartmouth Family Practice Education Consortium (Concord) Program

New Hampshire-Dartmouth Family Practice Education Consortium  
Concord Hospital

*Program Director:*  
Daniel Eubank, MD  
NH-Dartmouth FP Residency Program Concord  
250 Pleasant St  
Concord, NH 03301  
603 225-2711

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 4)  
*Program ID:* 120-32-31-557

#### New Hampshire-Dartmouth Family Practice Education Consortium (Lebanon) Program

New Hampshire-Dartmouth Family Practice Education Consortium  
Mary Hitchcock Memorial Hospital  
Concord Hospital

*Program Director:*  
Peter J Molberg, MD  
Two Buck Rd, Ste #3  
Hanover, NH 03755  
603 650-4070

*Length:* 3 Year(s) *Total Positions:* 2 (GYI: 2)  
*Program ID:* 120-32-21-551

## New Jersey

### Edison

#### JFK Medical Center Program

JFK Medical Center  
*Program Director:*  
Robin O Winter, MD  
John F Kennedy Medical Center  
Family Practice Center  
65 James St  
Edison, NJ 08818  
908 321-7493

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
*Program ID:* 120-33-11-190

### Flemington

#### Hunterdon Medical Center Program

Hunterdon Medical Center  
*Program Director:*  
Hershey S Bell, MD  
Hunterdon Medical Center  
2100 Wescott Dr  
Flemington, NJ 08822  
908 788-6160

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-33-11-191

### Hoboken

#### St Mary Hospital Program

St Mary Hospital  
*Program Director:*  
Juan Perez, MD  
St Mary Hospital  
308 Willow Ave  
Hoboken, NJ 07030  
201 792-8187

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 9)  
*Program ID:* 120-33-11-192

### Montclair

#### Mountainside Hospital Program

Mountainside Hospital  
*Program Director:*  
Sofia H Anthony, MD  
Mountainside Family Practice Associates  
799 Bloomfield Ave  
Verona, NJ 07044-1374  
201 746-7050

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-33-11-193

### Mount Holly

#### Memorial Hospital of Burlington County Program

Memorial Hospital of Burlington County  
*Program Director:*  
Mark A Van Kooy, MD  
Memorial Hospital of Burlington County  
Family Practice Residency Program  
175 Madison Ave  
Mount Holly, NJ 08060  
609 261-7019

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-33-21-444

## Phillipsburg

### Warren Hospital Program

Warren Hospital  
*Program Director:*  
John C Brogan, MD  
Warren Hospital Family Practice Program  
Coventry Center D-1  
Red School Ln  
Phillipsburg, NJ 08865  
908 859-6785

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)  
*Program ID:* 120-33-21-436

## Piscataway

### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
St Peter's Medical Center

*Program Director:*  
Alfred F Tallia, MD MPH  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Family Medicine  
One Robert Wood Johnson PI MEB 278  
New Brunswick, NJ 08903-0019  
908 235-7664

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 8)  
*Subspecialties:* FPG  
*Program ID:* 120-33-21-419

## Somerville

### Somerset Medical Center Program

Somerset Medical Center  
*Program Director:*  
Melodee S Lasky, MD  
Somerset Medical Center  
110 Rehill Ave  
Somerville, NJ 08876  
908 685-2900

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
*Program ID:* 120-33-11-194

## South Orange

### Seton Hall University School of Graduate Medical Education Program

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center

*Program Director:*  
Vincent Esposito, MD  
St Joseph's Hospital and Medical Center  
703 Main St  
Paterson, NJ 07503  
201 472-5530

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-33-21-449

## Summit

### Overlook Hospital Program

Overlook Hospital  
*Program Director:*  
Susan T Kaye, MD  
Overlook Hospital  
99 Beauvoir Ave  
PO Box 220  
Summit, NJ 07902-0220  
908 522-2907

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-33-11-195

\* Updated information not provided.

**Voorhees**

**West Jersey Health System Program**

West Jersey Hospital-Voorhees  
*Program Director:*  
 Mary A Willard, MD  
 West Jersey Health System  
 Tatem-Brown Family Practice Center  
 One Carnie Blvd  
 Voorhees, NJ 08043  
 609 795-7075  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-33-11-196

**Woodbury**

**Underwood-Memorial Hospital Program**

Underwood-Memorial Hospital  
*Program Director:*  
 William J King, DO  
 Family Practice Center  
 Underwood-Memorial Hospital  
 509 N Broad St  
 Woodbury, NJ 08096  
 609 853-2056  
*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-33-21-445

**New Mexico**

**Albuquerque**

**University of New Mexico Program**

University of New Mexico School of Medicine  
 University Hospital  
*Program Director:*  
 Berthold E Umland, MD  
 Univ of New Mexico Dept of Family Medicine  
 2400 Tucker NE  
 Albuquerque, NM 87131-5266  
 505 277-2165  
*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
**Program ID:** 120-34-21-197

**New York**

**Albany**

**Albany Medical Center Program**

Albany Medical Center Hospital  
 St Peter's Hospital  
*Program Director:*  
 Neil C Mitnick, DO  
 Dept of Family Practice  
 One Clara Barton Dr A-21  
 Albany, NY 12208-3495  
 518 462-5041  
*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID:** 120-35-21-198

**Bay Shore**

**Southside Hospital Program**

Southside Hospital  
*Program Director:*  
 Richard Bonanno, MD  
 Southside Hospital  
 301 E Main St  
 Bay Shore, NY 11706-8458  
 516 968-3295  
*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 120-35-21-199

**Binghamton**

**Wilson Memorial Regional Medical Center (United Health Services) Program**

Wilson Memorial Regional Medical Center (United Health Svcs)  
*Program Director:*  
 James T Crosby, MD  
 Wilson Memorial Regional Medical Center  
 33-57 Harrison St  
 Johnson City, NY 13790  
 607 763-5334  
*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID:** 120-35-11-203

**Bronx**

**Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
 Montefiore Medical Center-Henry and Lucy Moses Division  
 North Central Bronx Hospital  
*Program Director:*  
 Victoria Gorski, MD  
 Montefiore Medical Center  
 Dept of Family Medicine  
 3544 Jerome Ave  
 Bronx, NY 10467-1005  
 718 920-4678  
*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 10)  
**Program ID:** 120-35-21-209

**Bronx-Lebanon Hospital Center Program\***

Bronx-Lebanon Hospital Center  
*Program Director:*  
 Calman, MD  
 Bronx-Lebanon Hospital Center  
 1265 Franklin Ave 3rd Fl  
 Bronx, NY 10456  
 718 901-8238  
*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
**Program ID:** 120-35-21-465

**Brooklyn**

**Brooklyn Hospital Center Program**

Brooklyn Hospital Center  
*Program Director:*  
 Doug Reich, MD  
 Dept of Family Practice  
 The Brooklyn Hospital Center  
 121 DeKalb Ave  
 Brooklyn, NY 11201  
 718 403-8621  
*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 4)  
**Program ID:** 120-35-21-530

**Lutheran Medical Center Program**

Lutheran Medical Center  
*Program Director:*  
 Florida Olivieri, MD  
 Lutheran Medical Center  
 Medical Education Office  
 150 55th St  
 Brooklyn, NY 11220-2574  
 718 630-8198  
*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 7)  
**Program ID:** 120-35-11-207

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
 Kings County Hospital Center  
 University Hospital-SUNY Health Science Center at Brooklyn  
*Program Director:*  
 Gabriel S Zatlin, MD  
 SUNY Hlth Sci Ctr at Brooklyn  
 450 Clarkson Ave  
 Box 67  
 Brooklyn, NY 11203  
 718 270-2546  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 4)  
**Program ID:** 120-35-21-210

**Wyckoff Heights Medical Center Program\***

Wyckoff Heights Medical Center  
*Program Director:*  
 Scott I Ippolito, MD  
 Wyckoff Heights Medical Center  
 374 Stockholm St  
 Brooklyn, NY 11237  
 718 963-7587  
*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 120-35-21-507

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium (Niagara Falls) Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
 Niagara Falls Memorial Medical Center  
*Program Director:*  
 Jerome C Andres, MD  
 Niagara Falls Memorial Medical Center  
 Family Practice Residency Program  
 501 Tenth St  
 Niagara Falls, NY 14301  
 716 278-4618  
*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 5)  
**Program ID:** 120-35-12-211

**SUNY at Buffalo Graduate Medical-Dental Education Consortium (Olean) Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
 Buffalo General Hospital  
 Cuba Memorial Hospital  
 Erie County Medical Center  
 Millard Fillmore Hospitals  
 Olean General Hospital  
*Program Director:*  
 Daniel Morelli, MD  
 State Univ of New York at Buffalo  
 Dept of Family Medicine  
 462 Grider St  
 Buffalo, NY 14215  
 716 898-5273  
*Length:* 3 Year(s)  
**Program ID:** 120-35-21-516

\* Updated information not provided.

### **SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium

Buffalo General Hospital  
Erie County Medical Center  
Millard Fillmore Hospitals

*Program Director:*

Daniel Morelli, MD  
Dept of Family Medicine  
Louis Lazar Family Medicine Center  
1542 Maple Rd  
Williamsville, NY 14221  
716 688-3314

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 18)  
*Program ID:* 120-35-21-489Glen Cove

### **Glen Cove**

#### **North Shore University Hospital at Glen Cove Program**

North Shore University Hospital at Glen Cove

*Program Director:*

George F Dunn, MD  
North Shore Univ Hosp at Glen Cove  
101 St Andrews Ln  
Glen Cove, NY 11542  
516 674-7637

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-35-11-202

### **Jamaica**

#### **Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
Catholic Medical Center (Mary Immaculate Hospital)

*Program Director:*

John S Hong, MD  
Catholic Medical Center of Brooklyn and Queens  
88-25 153rd St Ste 2-L  
Jamaica, NY 11432  
718 558-7195

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-35-21-420

#### **Jamaica Hospital Program**

Jamaica Hospital

*Program Director:*

Alan R Roth, DO  
Jamaica Hosp Family Practice Center  
89-06 135th St  
Ste 2T  
Jamaica, NY 11418  
718 206-6919

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 6)  
*Program ID:* 120-35-11-206

### **New York**

#### **Albert Einstein College of Medicine at Beth Israel Medical Center Program\***

Beth Israel Medical Center  
The Institute for Urban Family Health

*Program Director:*

James Martin, MD  
The Institute for Urban Family Health  
16 E 16th St  
New York, NY 10003  
212 633-0800

*Length:* 3 Year(s) *Total Positions:*  
*Program ID:* 120-35-32-538

### **Oceanside**

#### **South Nassau Communities Hospital Program**

South Nassau Communities Hospital

*Program Director:*

Scott D Kirsch, MD  
South Nassau Communities Hospital  
2445 Oceanside Rd  
Oceanside, NY 11572  
516 763-3909

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-35-11-212

### **Patchogue**

#### **Brookhaven Memorial Hospital Medical Center Program\***

Brookhaven Memorial Hospital Medical Center

*Program Director:*

David M Bikoff, MD  
Brookhaven Memorial Hosp Med Ctr  
101 Hospital Rd  
Patchogue, NY 11772  
516 654-7795

*Length:* 3 Year(s)  
*Program ID:* 120-35-11-213

### **Poughkeepsie**

#### **St Francis Hospital Program**

St Francis Hospital  
Vassar Brothers Hospital

*Program Director:*

Reynold S Golden, MD  
Mid-Hudson Family Practice Residency  
St Francis Hospital  
4 Jefferson Plaza 4th Fl  
Poughkeepsie, NY 12601  
914 431-8123

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 6)  
*Program ID:* 120-35-21-483

### **Rochester**

#### **University of Rochester/Highland Hospital of Rochester (Finger Lakes) Program**

Highland Hospital of Rochester  
Frederick Ferris Thompson Systems

*Program Director:*

Elizabeth Naumburg, MD  
The Family Medicine Center  
885 South Ave  
Rochester, NY 14620  
716 442-7470

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 2)  
*Program ID:* 120-35-31-535

### **University of Rochester/Highland Hospital of Rochester Program**

Highland Hospital of Rochester  
Rochester General Hospital  
Strong Memorial Hospital of the University of Rochester

*Program Director:*

Elizabeth H Naumburg, MD  
Jacob W Holler Family Medicine Center  
885 South Ave  
Rochester, NY 14620  
716 442-7470

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 12)  
*Program ID:* 120-35-21-214

### **Schenectady**

#### **St Clare's Hospital of Schenectady Program**

St Clare's Hospital of Schenectady

*Program Director:*

Gary Dunkerley, MD  
St Clare's Hosp of Schenectady  
Family Hlth Ctr  
600 McClellan St  
Schenectady, NY 12304  
518 382-2000

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 9)  
*Program ID:* 120-35-12-215

### **Stony Brook**

#### **SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

*Program Director:*

Roxanne Fahrenwald, MD  
SUNY at Stony Brook Health Sciences Center  
Dept of Family Medicine  
Level 4 Rm 050  
Stony Brook, NY 11794-8461  
516 444-2300

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)  
*Program ID:* 120-35-21-408

### **Syracuse**

#### **SUNY Health Science Center at Syracuse/St Joseph's Hospital Health Center Program**

St Joseph's Hospital Health Center

*Program Director:*

James B Tucker, MD  
St Joseph's Hospital Health Center  
301 Prospect Ave  
Syracuse, NY 13203  
315 448-5537

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)  
*Program ID:* 120-35-21-216

### **Utica**

#### **St Elizabeth Hospital Program**

St Elizabeth Hospital

*Program Director:*

William J Fiden, MD  
St Elizabeth Hospital  
2209 Genesee St  
Utica, NY 13501  
315 798-8339

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-35-11-217

\* Updated information not provided.



## Valhalla

### New York Medical College Mid-Hudson Family Health Services Institute (Kingston) Program

New York Medical College  
Kingston Hospital  
Benedictine Hospital

*Program Director:*

William J Gessner, MD  
Mid-Hudson Rural Family Practice Residency Program  
50 Sawkill Rd  
Kingston, NY 12401  
914 338-6400

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-35-21-204

## Yonkers

### St Joseph's Medical Center Program\*

St Joseph's Medical Center

*Program Director:*

Joseph L Halbach, MD  
St Joseph's Medical Center  
127 S Broadway  
Yonkers, NY 10701-4080  
914 378-7586

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 120-35-11-218

## North Carolina

### Asheville

#### Mountain Area Health Education Center Program

Mountain Area Health Education Center  
Memorial Mission Hospital

*Program Director:*

Stephen D Hulkower, MD  
MAHEC Family Practice Residency Program  
118 WT Weaver Blvd  
Asheville, NC 28804  
704 258-0670

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 120-36-11-219

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
Wake Medical Center

*Program Director:*

Warren P Newton, MD  
UNC School of Medicine  
Dept of Family Medicine CB #7595  
Manning Dr  
Chapel Hill, NC 27599-7595  
919 966-3711

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 8)

**Program ID:** 120-36-31-220

### Charlotte

#### Carolinas Medical Center Program

Carolinas Medical Center

*Program Director:*

Mary N Hall, MD  
Family Practice Residency Program  
Carolinas Medical Center  
Box 32861  
Charlotte, NC 28232-2861  
704 355-3172

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)

**Program ID:** 120-36-11-221

## Durham

### Duke University Program

Duke University Medical Center  
Durham Regional Hospital

*Program Director:*

Kathryn M Andolsek, MD MPH  
Duke University Medical Center  
Dept of Family Practice  
Box 3886

Durham, NC 27710

919 684-3620

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 120-36-21-222

## Fayetteville

### Duke University/Fayetteville Area Health Education Center Program

Cape Fear Valley Medical Center

*Program Director:*

Jessie A Junker, MD  
Duke/FAHEC Family Med Res Program  
1601 Owen Dr  
Fayetteville, NC 28304-3482  
910 678-7259

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 7)

**Program ID:** 120-36-31-223

## Fort Bragg

### Womack Army Medical Center Program

Womack Army Medical Center

*Program Director:*

LTC Glenn C Griffiths, MD  
Womack Army Medical Center Department of Family Medicine  
Family Practice Residency Program  
2500 Normandy Dr  
Fort Bragg, NC 28307-5000  
910 432-8422

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

**Program ID:** 120-36-21-011

## Greensboro

### Moses H Cone Memorial Hospital Program

Moses H Cone Memorial Hospital

*Program Director:*

Thomas A Cable, MD  
Moses H Cone Memorial Hospital  
Family Practice Center  
1125 N Church St  
Greensboro, NC 27401-1007  
910 574-8132

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)

**Program ID:** 120-36-11-224

## Greenville

### East Carolina University (Ahoskie) Program

East Carolina University School of Medicine  
Martin General Hospital  
Pitt County Memorial Hospital  
Roanoke-Chowan Hospital

*Program Director:*

Dana E King, MD  
Dept of Family Med  
ECU Schl of Med  
Family Practice Ctr  
Greenville, NC 27858-4354  
919 816-5457

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 4)

**Program ID:** 120-36-21-533

## East Carolina University Program

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

D Dean Patton, MD  
Dept of Family Medicine  
ECU School of Medicine  
Family Practice Center  
Greenville, NC 27858-4354  
919 816-4616

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 14)

*Subspecialties:* FPG

**Program ID:** 120-36-11-225

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital  
Forsyth Memorial Hospital

*Program Director:*

Mark Knudson, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1084  
910 716-2832

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 120-36-31-226

## North Dakota

### Grand Forks

#### University of North Dakota (Bismarck) Program

Univ of North Dakota School of Medicine  
Medcenter One Inc  
St Alexius Medical Center

*Program Director:*

Russell J Emery, MD  
UND Family Practice Center  
515 E Broadway  
Bismarck, ND 58501  
701 328-2550

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID:** 120-37-21-227

#### University of North Dakota (Fargo) Program

Univ of North Dakota School of Medicine  
St Luke's Hospitals  
Dakota Hospital

*Program Director:*

Ronald E Wiisanen, MD  
Univ of North Dakota Family HealthCare Center  
600 S Fourth St  
Fargo, ND 58103  
701 239-7111

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID:** 120-37-21-228

#### University of North Dakota (Grand Forks) Program\*

Univ of North Dakota School of Medicine  
United Hospital

*Program Director:*

William S Mann, MD  
Larry O. Halvorson MD  
221 S Fourth St  
Grand Forks, ND 58201  
701 780-3308

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID:** 120-37-31-229

\* Updated information not provided.

**University of North Dakota (Minot) Program**

Univ of North Dakota School of Medicine  
St Joseph's Hospital  
Trinity Medical Center

*Program Director:*  
C Milton Smith, MD  
William Henry MD  
University of North Dakota  
Minot Center for Family Medicine  
123 First ST SW  
Minot, ND 58701  
701 857-5740

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 120-37-31-230

**Ohio****Akron****Akron City Hospital (Summa Health System)/NEOUCOM Program**

Akron City Hospital (Summa Health System)

*Program Director:*  
Jay C Williamson, MD  
Family Center of Akron  
75 Arch St Ste 002  
Akron, OH 44304  
216 375-3144

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID:** 120-38-21-231

**Akron General Medical Center/NEOUCOM Program**

Akron General Medical Center

*Program Director:*  
Margaret P Panzner, MD  
Akron General Medical Center  
400 Wabash Ave  
Akron, OH 44307  
216 384-6852

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 120-38-31-232

**Barberton****Barberton Citizens Hospital Program**

Barberton Citizens Hospital

*Program Director:*  
Anthony J Costa, MD  
Barberton Citizens Hosp  
155 Fifth St NE  
Barberton, OH 44203  
216 745-5008

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-38-21-437

**Canton****Aultman Hospital/NEOUCOM Program**

Aultman Hospital

*Program Director:*  
Susan Mercer, MD  
Family Practice Center of Aultman Hospital  
2600 Seventh St SW  
Canton, OH 44710  
216 438-6250

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
**Program ID:** 120-38-11-234

**Cincinnati****Bethesda Hospital Program**

Bethesda Hospital Inc

*Program Director:*  
V Franklin Colon, MD  
Bethesda Hospital Family Practice  
618 Oak St  
Cincinnati, OH 45206-1690  
513 569-6023

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-38-21-474

**University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Providence Hospital

*Program Director:*  
Jeffery E Heck, MD  
Univ of Cincinnati Med Ctr  
Dept of Family Medicine  
2446 Kipling Ave  
Cincinnati, OH 45239  
513 853-4350

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)  
*Subspecialties:* FPG  
**Program ID:** 120-38-21-235

**Cleveland****Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center

*Program Director:*  
Heidi A Morris, DO  
MetroHealth Medical Center  
Dept of Family Practice  
MetroHealth Medical Center  
Cleveland, OH 44109-1998  
216 459-5066

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID:** 120-38-11-237

**Case Western Reserve University Program\***

University Hospitals of Cleveland  
Mount Sinai Medical Center of Cleveland

*Program Director:*  
Sim S Galazka, MD  
Family Practice Ctr of Univ Hosp  
11100 Euclid Ave  
Cleveland, OH 44106  
216 844-3791

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 6)  
**Program ID:** 120-38-11-236

**Health Cleveland Program**

Health Cleveland Corporation  
Health Cleveland (Fairview General Hospital)

*Program Director:*  
J Christopher Shank, MD  
Hassler Ctr for Family Medicine  
18200 Lorain Ave  
Cleveland, OH 44111-5628  
216 476-7085

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-38-11-238

**Columbus****Grant Medical Center Program**

Grant Medical Center

*Program Director:*  
Mark Stock, MD  
Grant Medical Center Medical Education Dept  
111 S Grant Ave  
Columbus, OH 43215  
614 461-3290

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 13)  
**Program ID:** 120-38-31-239

**Mount Carmel Health Program**

Mount Carmel Medical Center

*Program Director:*  
William T Paul, MD  
Mount Carmel Health  
793 W State St  
Columbus, OH 43222  
614 225-5354

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 120-38-32-240

**Ohio State University Program**

Ohio State University Medical Center  
Park Medical Center

*Program Director:*  
R Trent Sickles, MD  
Ohio State University  
Dept of Family Medicine  
456 W Tenth Ave Rm B0902B  
Columbus, OH 43210-1228  
614 293-8032

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 6)  
**Program ID:** 120-38-21-241

**Riverside Methodist Hospitals Program**

Riverside Methodist Hospitals

*Program Director:*  
Edward T Bope, MD  
Riverside Methodist Hospitals  
Riverside Family Practice Center  
797 Thomas Ln  
Columbus, OH 43214  
614 566-4398

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID:** 120-38-21-242

**Dayton****St Elizabeth Medical Center Program**

St Elizabeth Medical Center

*Program Director:*  
Michael Oler, MD  
St Elizabeth Medical Center  
601 Edwin C Moses Blvd  
Dayton, OH 45408-1498  
513 229-6495

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
**Program ID:** 120-38-11-245

**Wright State University (Miami Valley) Program**

Miami Valley Hospital

*Program Director:*  
Walter C Ferris, MD  
Miami Valley Hosp Family Hlth Ctr  
101 Wyoming St  
Dayton, OH 45409-2793  
513 220-2427

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 120-38-31-244

\* Updated information not provided.

## Accredited Programs in Family Practice

### Wright State University Program

Good Samaritan Hospital and Health Center

*Program Director:*

Michael F Bosworth, DO

Family Practice Center

2157 Benson Dr

Dayton, OH 45406

513 276-4141

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Program ID:* 120-98-31-243

### Sylvania

#### Flower Memorial Hospital Program

Flower Hospital

*Program Director:*

Crystal R Goveia, MD

Flower Hospital

Family Physicians Association

5300 Harroun Rd

Sylvania, OH 43560

419 824-1100

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-98-11-246

### Toledo

#### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital

St Vincent Medical Center

*Program Director:*

Larry W Johnson, MD

Dept of Family Medicine

Medical College of Ohio

PO Box 10008

Toledo, OH 43689-0008

419 381-5580

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-98-31-247

#### Mercy Hospital of Toledo Program

Mercy Hospital of Toledo

*Program Director:*

Gerry A Steiner, MD

Mercy Family Practice Center

2127 Jefferson Ave

Toledo, OH 43624

419 259-1400

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-98-31-249

#### Toledo Hospital Program

Toledo Hospital

*Program Director:*

Gary N Fox, MD

The Toledo Hospital Family Practice Residency

2051 W Central Ave

Toledo, OH 43606

800 880-2051

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-98-21-250

### Youngstown

#### St Elizabeth Hospital Medical Center/NEOUCOM Program

St Elizabeth Hospital Medical Center

*Program Director:*

Ronald S Scott, MD

Family Health Center

1053 Belmont Ave

Youngstown, OH 44501-1790

216 744-0301

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 120-98-11-251

### Western Reserve Care System/NEOUCOM Program

Western Reserve Care System

Northside Medical Center

Southside Medical Center

*Program Director:*

W Clare Reese, MD

Western Reserve Care System

Family Practice Center

500 Gypsy Ln

Youngstown, OH 44501

216 740-3235

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 120-98-11-359

## Oklahoma

### Enid

#### University of Oklahoma/Garfield County Medical Society Program

Bass Memorial Baptist Hospital

St Mary's Hospital

University Hospital and Clinics

*Program Director:*

J Michael Pontious, MD

Enid Family Medicine Clinic

620 S Madison Ste 304

Enid, OK 73701-7266

405 242-1300

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 120-99-11-253

### Oklahoma City

#### St Anthony Hospital Program

St Anthony Hospital

*Program Director:*

Richard L Boothe II, MD

St Anthony Hospital

Family Practice Residency

608 N W Ninth St Ste 1000

Oklahoma City, OK 73102

405 272-7494

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-99-21-513

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma

City

University Hospital and Clinics

*Program Director:*

John P Zubialde, MD

800 NE 15th Rm 503

PO Box 26901

Oklahoma City, OK 73190

405 272-2230

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 120-99-21-254

### Tulsa

#### In His Image at Hillcrest Medical Center Program

In His Image Inc

Hillcrest Medical Center

*Program Director:*

John R Crouch Jr, MD

In His Image Family Practice Residency

7600 S Lewis Ave

Tulsa, OK 74136

918 493-7880

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 10)

*Program ID:* 120-99-21-499

### University of Oklahoma College of Medicine-Tulsa Program

University of Oklahoma College of Medicine-Tulsa

Hillcrest Medical Center

St Francis Hospital

St John Medical Center

*Program Director:*

Michael C Foster, MD

Univ of Oklahoma Coll of Medicine-Tulsa

Dept of Family Medicine

9920 E 21st St

Tulsa, OK 74129

918 663-6885

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

*Program ID:* 120-99-21-256

## Oregon

### Portland

#### Oregon Health Sciences University (Cascades East) Program

Oregon Health Sciences University Hospital

Merle West Medical Center

St Charles Medical Center

*Program Director:*

James F Calvert Jr, MD

Cascades East Family Practice

Residency Program

2800 Daggett Ave

Klamath Falls, OR 97601

503 885-0325

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 120-40-21-540

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital

*Program Director:*

Patrice Eiff, MD

Oregon Hlth Sci Univ Dept of Family Med

3181 SW Sam Jackson Park Rd

Mail Code: FP

Portland, OR 97201-3098

503 494-6600

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 120-40-21-371

## Pennsylvania

### Abington

#### Abington Memorial Hospital Program

Abington Memorial Hospital

*Program Director:*

Todd Sagin, MD

Abington Memorial Hospital

Family Practice Residency Program

1200 Old York Rd

Abington, PA 19001

215 576-2729

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-41-11-258

\* Updated information not provided.

**Allentown****Temple University (Allentown) Program**

Sacred Heart Hospital

*Program Director:*

Raymond S Buch, MD

Sacred Heart Hospital

Fourth &amp; Chew Sts

Allentown, PA 18102-3490

215 776-4888

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)**Program ID:** 120-41-21-259**Altoona****Altoona Hospital Program**

Altoona Hospital

*Program Director:*

Richard L Decker, MD

Allegheny Family Physicians of Altoona Hospital

501 Howard Ave Ste F2

Altoona, PA 16601-4882

814 946-2020

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-11-260**Beaver****The Medical Center (Beaver PA) Program**

The Medical Center (Beaver PA)

*Program Director:*

James P McKenna, MD

Family Practice Center

918 Third Ave

Beaver Falls, PA 15010

412 843-6000

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-21-409**Bryn Mawr****Bryn Mawr Hospital Program**

Bryn Mawr Hospital

*Program Director:*

Gerard F Klinzing, MD

Bryn Mawr Hospital

Family Practice Center

101 S Bryn Mawr Ave Ste 120

Bryn Mawr, PA 19010-3120

215 526-3400

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 6)**Program ID:** 120-41-31-261**Danville****Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*

Mark Burd, MD

Geisinger Medical Center

N Academy Ave

Danville, PA 17822

717 271-6070

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-11-262**Erie****Hamot Medical Center Program**

Hamot Medical Center

*Program Director:*

Mark J Levine, MD

Hamot Family Practice Center

104 E Second St

Erie, PA 16507

814 877-6187

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-11-263**St Vincent Health Center Program**

St Vincent Health Center

*Program Director:*

Richard L Cogley, MD

St Vincent Family Practice Residency

2314 Sassafras St Ste 306

Erie, PA 16502

814 452-5100

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 7)**Program ID:** 120-41-11-264**Harrisburg****Harrisburg Hospital Program**

Harrisburg Hospital

*Program Director:*

Joshua Bennett, MD

Harrisburg Hospital

Dept of Family Practice

205 S Front St PO Box 8700

Harrisburg, PA 17105-8700

717 231-8650

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 10)**Program ID:** 120-41-11-265**Polyclinic Medical Center Program**

Polyclinic Medical Center

*Program Director:*

John H Surry, MD

Polyclinic Medical Center

2601 N Third St

Harrisburg, PA 17110

717 782-2163

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 6)**Program ID:** 120-41-12-266**Hershey****Pennsylvania State University/Good Samaritan Hospital Program**

Penn State University Hospital-Milton S Hershey Med Ctr

Good Samaritan Hospital

*Program Director:*

Edward Paul, MD

Penn State University

Good Samaritan Hospital

618 Cornwall Rd Bldg 2

Lebanon, PA 17042

717 270-1949

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-21-504**Johnstown****Conemaugh Valley Memorial Hospital Program**

Conemaugh Valley Memorial Hospital

*Program Director:*

Royal R Koeller, MD

Conemaugh Valley Memorial Hospital Dept of Family Practice

1086 Franklin St

Johnstown, PA 15905-4398

814 533-9106

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-11-269**Kingston****United Health and Hospital Services Program\***

Nesbitt Memorial Hospital

Wilkes-Barre General Hospital

*Program Director:*

Julie A Dostal, MD

United Health and Hospital Services Inc

540 Pierce St

Kingston, PA 18704

717 288-7451

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-21-284**Lancaster****Lancaster General Hospital Program**

Lancaster General Hospital

*Program Director:*

Nikitas J Zervanos, MD

Lancaster General Hospital

555 N Duke St PO Box 3555

Lancaster, PA 17604-3555

717 290-4940

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)**Program ID:** 120-41-12-270**Latrobe****Thomas Jefferson University (Latrobe) Program**

Latrobe Area Hospital

*Program Director:*

Joseph R Govi, MD

Latrobe Area Hospital

Dept of Family Practice

121 W Second Ave

Latrobe, PA 15650-1096

412 537-1485

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-11-277**McKeesport****McKeesport Hospital Program**

McKeesport Hospital

*Program Director:*

Rudolph L Buck, MD

McKeesport Hospital

1500 Fifth Ave

McKeesport, PA 15132-2483

412 664-2131

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)**Program ID:** 120-41-12-271**Monroeville (Pittsburgh)****Forbes Health System Program**

Forbes Regional Hospital

*Program Director:*

Martin I Seltman, MD

Forbes Health System

500 Finley St

Pittsburgh, PA 15206

412 858-2768

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-41-22-278

\* Updated information not provided.

## Accredited Programs in Family Practice

### Norristown

#### Montgomery Hospital Program

Montgomery Hospital

*Program Director:*

William H Rodgers III, MD  
Montgomery Family Practice Residency Program  
1330 Powell St Ste 409  
Norristown, PA 19401  
610 277-0964

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Program ID:* 120-41-11-272

### Philadelphia

#### Chestnut Hill Hospital Program

Chestnut Hill Hospital

*Program Director:*

Marc W McKenna, MD  
Chestnut Hill Hosp Family Practice Unit  
8815 Germantown Ave  
Fifth Floor  
Philadelphia, PA 19118  
215 248-8145

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Program ID:* 120-41-31-275

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Richard C Wender, MD  
Thomas Jefferson University Hospital  
1015 Walnut St Rm 401  
Philadelphia, PA 19107  
215 955-2356

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)

*Subspecialties:* FPG

*Program ID:* 120-41-21-276

### Pittsburgh

#### Shadyside Hospital Program

Shadyside Hospital

*Program Director:*

David E Reed, MD  
Shadyside Hospital  
5230 Centre Ave  
Pittsburgh, PA 15232  
412 623-2294

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)

*Program ID:* 120-41-12-280

#### St Margaret Memorial Hospital Program

St Margaret Memorial Hospital

*Program Director:*

Donald B Middleton, MD  
St Margaret Memorial Hospital  
815 Freeport Rd  
Pittsburgh, PA 15215-3384  
412 784-4232

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 12)

*Subspecialties:* FPG

*Program ID:* 120-41-12-279

### Reading

#### Reading Hospital and Medical Center Program

Reading Hospital and Medical Center

*Program Director:*

D Michael Baxter, MD  
Reading Hospital and Medical Center  
Family Health Care Center  
PO Box 16052  
Reading, PA 19612-6052  
610 378-6855

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 5)

*Program ID:* 120-41-12-281

### St Joseph Hospital Program\*

St Joseph Hospital

*Program Director:*

Lucien F Capobianco, MD  
St Joseph Hospital Family Practice Program  
200 N 13th St Ste 200  
Reading, PA 19604  
610 378-2080

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Program ID:* 120-41-11-282

### Sayre

#### Guthrie Healthcare System Program

Guthrie Healthcare System

*Program Director:*

Franklyn D Dornfest, MD  
Dept of Medical Education  
Robert Packer Hospital  
Guthrie Sq  
Sayre, PA 18840  
717 882-3292

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 120-41-21-518

### Upland

#### Delco Family Health Associates Program

Delaware County Memorial Hospital

*Program Director:*

John A Zapp, MD  
Crozer-Keystone Ctr for Family Hlth  
1260 E Woodland Ave  
Ste #200  
Springfield, PA 19064-3988  
610 690-4490

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Program ID:* 120-41-21-477

### Washington

#### Washington Hospital Program\*

Washington Hospital

*Program Director:*

Paul T Cullen, MD  
Washington Hospital  
155 Wilson Ave  
Washington, PA 15301  
412 223-3100

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-41-12-283

### Williamsport

#### Williamsport Hospital and Medical Center Program

Williamsport Hospital and Medical Center

*Program Director:*

Jeffrey B Wetstone, MD  
Williamsport Hospital  
699 Rural Ave  
Williamsport, PA 17701-3198  
717 321-2340

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Program ID:* 120-41-31-285

### York

#### York Hospital Program

York Hospital

*Program Director:*

Richard W Sloan, MD  
York Hospital  
1001 S George St  
York, PA 17405  
717 851-2026

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-41-11-286

## Puerto Rico

### Bayamon

#### Hospital San Pablo Program

Hospital San Pablo

*Program Director:*

Felix Betancourt-Bojos, MD  
Dept of Family Practice  
Calle Sta Cruz #70 Urb Sta Cruz  
PO Box 236  
Bayamon, PR 00960-6036  
809 798-5965

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 6)

*Program ID:* 120-42-21-448

#### Universidad Central del Caribe Program

University Hospital Ramon Ruiz Arnau

*Program Director:*

Harry E Mercado, MD  
Family Medicine Dept  
Universidad Central del Caribe  
Call Box 60-327  
Bayamon, PR 00960-6032  
809 740-4343

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 120-42-21-510

### Caguas

#### University of Puerto Rico Program

Caguas Regional Hospital

*Program Director:*

Helen Rosa-Santiago, MD  
Family Practice Center  
Box 427  
Gurabo, PR 00778  
809 737-6690

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)

*Subspecialties:* FPG

*Program ID:* 120-42-21-287

### Manati

#### Dr Alejandro Otero Lopez Hospital Program\*

Hospital Dr Alejandro Otero Lopez

*Program Director:*

Enid M Mateo-Reyes, MD  
Dr Alejandro Otero Lopez Hospital  
PO Box 1142  
Manati, PR 00701  
809 854-3700

*Length:* 3 Year(s)

*Program ID:* 120-42-21-501

### Ponce

#### Dr Pila Hospital/Ponce School of Medicine Program

Dr Pila Hospital  
Ponce Regional Hospital

*Program Director:*

Rafael I Iriarte, MD  
Family Practice Program Dr Pila Hospital  
PO Box 1910  
Ponce, PR 00733-1910  
809 844-6400

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 120-42-21-466

\* Updated information not provided.

**Rhode Island****Pawtucket****Brown University Program**

Memorial Hospital of Rhode Island

*Program Director:*

John Murphy, MD

Memorial Hospital Of RI / Brown University

111 Brewster St

Pawtucket, RI 02860

401 729-2235

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 13)**Program ID:** 120-43-21-288**South Carolina****Anderson****Anderson Area Medical Center Program**

Anderson Area Medical Center

*Program Director:*

James R Buehler, MD

Dept of Family Practice

600 N Fant St

Anderson, SC 29621

830 224-8100

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)**Program ID:** 120-45-11-289**Charleston****Medical University of South Carolina Program\***Medical University of South Carolina College of Medicine  
MUSC Medical Center*Program Director:*

Clive Brock, MB ChB

Medical University of South Carolina

Dept of Family Medicine

171 Ashley Ave

Charleston, SC 29425-5820

803 792-3609

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 0)**Program ID:** 120-45-21-290**Columbia****Richland Memorial Hospital-University of South Carolina School of Medicine Program**

Richland Memorial Hospital-Univ of South Carolina Sch of Med

*Program Director:*

Libby G Baxley, MD

Family Practice Center Richland Memorial Hospital

6 Richland Medical Park

Columbia, SC 29203

803 434-6116

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 13)**Program ID:** 120-45-11-291**Florence****McLeod Regional Medical Center Program**

McLeod Regional Medical Center

*Program Director:*

William H Hester, MD

McLeod Family Medicine Center

555 E Cheves St

Florence, SC 29506-2617

803 667-2808

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)**Program ID:** 120-45-21-375**Greenville****Greenville Hospital System Program**

Greenville Hospital System

*Program Director:*

Palmira S Snape, MD

Center for Family Medicine

701 Grove Rd

Greenville, SC 29605

803 455-7831

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)**Program ID:** 120-45-11-292**Greenwood****Greenwood Family Practice Program**

Self Memorial Hospital

*Program Director:*

Stoney A Abercrombie, MD

Montgomery Center for Family Medicine

160 Academy Ave

Greenwood, SC 29646

803 227-4869

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)**Program ID:** 120-45-21-376**Spartanburg****Spartanburg Regional Medical Center Program**

Spartanburg Regional Medical Center

*Program Director:*

Otis L Baughman III, MD

Spartanburg Family Medicine Residency Program

210 Catawba St Lower Level

Spartanburg, SC 29303-2136

803 560-6198

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)**Program ID:** 120-45-11-293**South Dakota****Rapid City****Rapid City Regional Hospital Program**

Rapid City Regional Hospital

*Program Director:*

Douglas A Bright, MD

Rapid City Regional Hospital

353 Fairmont Blvd

Rapid City, SD 57701

605 341-8828

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 6)**Program ID:** 120-46-21-547**Sioux Falls****University of South Dakota (Brookings/Watertown) Program**

University of South Dakota School of Medicine

Brookings Hospital

McKenna Hospital

Prairie Lakes Health Care Center

Sioux Valley Hospital

*Program Director:*

Earl D Kemp, MD

Family Practice Ctr Inc

2300 S Dakota Ave

Sioux Falls, SD 57105

605 339-1783

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 3)**Program ID:** 120-46-21-532**University of South Dakota Program**

University of South Dakota School of Medicine

McKenna Hospital

Sioux Valley Hospital

*Program Director:*

Earl D Kemp, MD

Family Practice Ctr

2300 S Dakota Ave

Sioux Falls, SD 57105

605 339-1783

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 11)**Program ID:** 120-46-11-294**Tennessee****Jackson****University of Tennessee (Jackson) Program**

Jackson-Madison County General Hospital

University of Tennessee College of Medicine

*Program Director:*

James H Donnell, MD

Dept of Family Medicine

294 Summar Dr

Jackson, TN 38301-3983

901 423-1932

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)**Program ID:** 120-47-21-299**Johnson City****East Tennessee State University (Bristol) Program**

James H Quillen College of Medicine

Bristol Regional Medical Center

*Program Director:*

Jo Ann Rosenfeld, MD

Bristol Family Practice Center

100 Bristol College Dr

Bristol, TN 37620

615 989-4069

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)**Program ID:** 120-47-31-296**East Tennessee State University (Kingsport) Program**

James H Quillen College of Medicine

Holston Valley Hospital and Medical Center

*Program Director:*

L H Miller, MD

Kingsport Family Practice Center

201 Cassel Dr

Kingsport, TN 37660

615 245-9600

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)**Program ID:** 120-47-31-297**East Tennessee State University Program**

James H Quillen College of Medicine

Johnson City Medical Center Hospital

Veterans Affairs Medical Center (Mountain Home)

*Program Director:*

Daniel J David, MD

East Tennessee State Univ Dept of Family Medicine

Family Medicine Associates

917 W Walnut St

Johnson City, TN 37604

615 929-6463

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 120-47-21-410

\* Updated information not provided.

## Knoxville

### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

George E Shacklett, MD  
The University of Tennessee  
Graduate School of Medicine  
1924 Alcoa Hwy U-67  
Knoxville, TN 37920  
615 544-9352

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 120-47-11-298

## Memphis

### University of Tennessee (Healthplex) Program

University of Tennessee College of Medicine  
Baptist Memorial Hospital

*Program Director:*

W MacMillan Rodney, MD  
Healthplex Family Practice  
1121 Union Ave  
Memphis, TN 38104  
901 528-7131

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-47-21-462

### University of Tennessee Program

University of Tennessee College of Medicine  
St Francis Hospital  
University of Tennessee Medical Center

*Program Director:*

Clark B Smith, MD  
1301 Primacy Pkwy  
Memphis, TN 38119  
901 761-2997

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 8)

**Program ID:** 120-47-21-453

## Nashville

### George W Hubbard Hospital of Meharry Medical College Program\*

George W Hubbard Hospital of Meharry Medical College  
Alvin C York Veterans Affairs Medical Center  
Metropolitan Nashville General Hospital

*Program Director:*

Larry W Smith, MD  
Meharry Med Coll  
Dept of Family Practice  
1005 David B Todd Jr Blvd  
Nashville, TN 37208  
615 327-6155

*Length:* 3 Year(s)

**Program ID:** 120-47-21-463

## Texas

### Amarillo

#### Texas Tech University (Amarillo) Program

Texas Tech University Health Sciences Center at Amarillo  
Northwest Texas Health Care System  
St Anthony's Hospital

*Program Director:*

Charles V Wright Jr, MD  
Texas Tech Univ Hlth Sci Ctr  
Center For Family Medicine  
731 N Taylor Ste 300  
Amarillo, TX 79107-0107  
800 835-5147

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-48-21-511

## Austin

### Central Texas Medical Foundation Program

Central Texas Medical Foundation  
Brackenridge Hospital

*Program Director:*

David P Wright, MD  
Dept of Family Medicine  
4614 N I H-35  
Austin, TX 78751  
512 458-2752

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 6)

**Program ID:** 120-48-11-902

## Baytown

### San Jacinto Methodist Hospital Program

San Jacinto Methodist Hospital

*Program Director:*

Dann W Ganzhorn, MD  
San Jacinto Methodist Hospital  
4301 Garth Rd  
Ste 400  
Baytown, TX 77521  
713 420-8497

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 120-48-21-432

## Corpus Christi

### Memorial Medical Center Program

Memorial Medical Center

*Program Director:*

Robert D Frey, MD  
Memorial Medical Center Family Practice Center  
2606 Hospital Blvd  
PO Box 5280  
Corpus Christi, TX 78405  
512 902-4499

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 120-48-22-303

## Dallas

### University of Texas Southwestern Medical Center (Methodist) Program

Methodist Hospitals of Dallas  
Charlton Methodist Hospital  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Bruce A Echols, MD  
The UT Southwestern Med Ctr at Dallas  
3400 W Wheatland Rd  
Dallas, TX 75237-3498  
214 709-2227

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-48-21-433

### University of Texas Southwestern Medical Center Program

St Paul Medical Center  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Clare M McCluggage, MD  
Family Practice Center  
6011 Harry Hines Blvd  
Ste 457  
Dallas, TX 75235  
214 879-2094

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID:** 120-48-21-361

## El Paso

### Texas Tech University (El Paso) Program

Texas Tech University Health Sciences Center at El Paso  
RE Thomason General Hospital

*Program Director:*

J Dennis Mull, MD  
Texas Tech Family Medicine  
10060 Rushing  
El Paso, TX 79924-3803  
915 757-3178

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-48-11-309

## Fort Worth

### University of Texas Southwestern Medical School (Fort Worth) Program

John Peter Smith Hospital (Tarrant County Hospital District)

*Program Director:*

David Driggers, MD  
John Peter Smith Hospital  
Dept of Family Practice  
1500 S Main St  
Fort Worth, TX 76104  
817 927-1200

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 24)

**Program ID:** 120-48-31-304

## Galveston

### University of Texas Medical Branch Hospitals (Conroe) Program

University of Texas Medical Branch Hospitals  
Montgomery County Medical Center Hospital

*Program Director:*

Gordon G Uretsky, MD  
Family Practice Center  
701 E Davis St Ste C  
Conroe, TX 77301-3018  
409 539-4004

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 120-48-21-454

### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Michael Lynn O'Dell, MD  
Univ of Texas Med Branch  
Dept of Family Medicine  
415 Texas Ave  
Galveston, TX 77555-0853  
409 772-3123

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 14)

**Program ID:** 120-48-21-305

## Houston

### Baylor College of Medicine Program

Baylor College of Medicine  
AMI Park Plaza Hospital  
Harris County Hospital District-Ben Taub General Hospital  
St Luke's Episcopal Hospital

*Program Director:*

Michael A Crough, MD  
Baylor Family Practice Center  
5510 Greenbriar  
Houston, TX 77005  
713 798-7791

*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 24)

**Program ID:** 120-48-11-306

\* Updated information not provided.

**University of Texas at Houston  
(Memorial) Program**

University of Texas Medical School at Houston  
Memorial Hospital System

*Program Director:*

Edward L Langston, RPh MD  
Memorial Family Practice Residency Program  
7737 Southwest Frwy #420  
Houston, TX 77074  
713 776-5160

*Length:* 3 Year(s) *Total Positions:* 50 (GYI: 17)

**Program ID: 120-48-21-307**

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital

*Program Director:*

Grant Fowler, MD  
University of Texas - Houston Medical School  
Dept of Family Practice  
6431 Fannin Ste 2.104 MSB  
Houston, TX 77030  
713 792-5251

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)

**Program ID: 120-48-21-490**

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
St Mary of the Plains Hospital  
University Medical Center

*Program Director:*

Richard V Homan, MD  
Texas Tech University Health Sciences Center  
Dept of Family Medicine  
Lubbock, TX 79430  
806 743-2770

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID: 120-48-21-310**

**Odessa****Texas Tech University (Odessa) Program**

Texas Tech University Health Sciences Center at Odessa  
Medical Center Hospital

*Program Director:*

Leonard W Morgan, MD  
Texas Tech University HSC  
800 W Fourth St  
Odessa, TX 79763-4362  
915 335-5311

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID: 120-48-21-457**

**Port Arthur****University of Texas Medical Branch (Port  
Arthur) Program**

St Mary Hospital

*Program Director:*

William D George Jr, MD  
St Mary Hospital Family Practice Center  
3535 Gates Blvd  
Ste 100  
Port Arthur, TX 77642  
409 989-5147

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID: 120-48-21-424**

**San Antonio****University of Texas at San Antonio  
(McAllen) Program**

University of Texas Medical School at San Antonio  
McAllen Medical Center

*Program Director:*

Juan J Trevino, MD  
McAllen Medical Center  
205 E Toronto  
McAllen, TX 78503  
210 687-6155

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID: 120-48-11-311**

**University of Texas Health Science  
Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San  
Antonio)

University Health Center-Downtown  
University Hospital-South Texas Medical Center

*Program Director:*

Janet P Realini, MD MPH  
University of Texas Health Science Center  
Dept of Family Practice  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7795  
210 270-3931

*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 16)

**Program ID: 120-48-21-312**

**Temple****Texas A&M College of Medicine-Scott  
and White Program**

Scott and White Memorial Hospital

*Program Director:*

Craig W Clanton, MD  
Texas A&M-Scott and White  
Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 6)

**Program ID: 120-48-21-469**

**Tyler****University of Texas Health Center at Tyler  
Program\***

University of Texas Health Center at Tyler  
Mother Frances Hospital Regional Health Care Center

*Program Director:*

Richard M Viken, MD  
Univ of Texas Hlth Ctr at Tyler  
PO Box 2003  
Intersection of US 271 & State 155  
Tyler, TX 75710  
903 877-7204

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

**Program ID: 120-48-21-464**

**Waco****McLennan County Medical Education  
and Research Foundation Program**

McLennan County Medical Education and Research  
Foundation  
Hillcrest Baptist Medical Center  
Providence Health Center

*Program Director:*

Robert G Brown, MD  
Dept of Family Practice  
1600 Providence Dr  
Waco, TX 76707  
817 754-2471

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 12)

**Program ID: 120-48-11-313**

**Wichita Falls****North Central Texas Medical Foundation  
Program**

North Central Texas Medical Foundation  
Bethania Regional Health Care Center  
Wichita General Hospital

*Program Director:*

D Clifford Burross, MD  
North Central Texas Medical Foundation  
1301 Third St  
Wichita Falls, TX 76301  
817 767-5145

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID: 120-48-21-435**

**Utah****Salt Lake City****FHP of Utah Program**

FHP of Utah Inc  
FHP of Utah Hospital

*Program Director:*

John W Robinson, MD  
2490 S State  
Salt Lake City, UT 84115  
800 815-1855

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 4)

**Program ID: 120-49-21-529**

**University of Utah (Ogden) Program**

University of Utah Medical Center  
McKay-Dee Hospital Center

*Program Director:*

Richard C Arbogast, MD  
Porter Family Practice Center  
3955 Harrison Blvd  
Ogden, UT 84403  
801 625-2749

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID: 120-49-21-495**

**University of Utah Program**

University of Utah Medical Center  
Holy Cross Hospital

*Program Director:*

Ita Killeen, MD  
Univ of Utah Med Ctr  
Dept of Family & Preventive Med  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7234

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 12)

**Program ID: 120-49-21-315**

\* Updated information not provided.



## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont

*Program Director:*

Thomas C Peterson, MD  
Univ of Vermont College of Medicine  
Villemaire Family Health Center  
23 Meadow Ln  
Milton, VT 05468  
802 893-0136

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 6)  
*Program ID:* 120-50-21-316

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Richard B Hays, MD  
Univ of Virginia  
Dept of Family Med  
PO Box 414  
Charlottesville, VA 22908  
804 924-1603

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-51-11-317

### Fort Belvoir

#### DeWitt Army Community Hospital Program

DeWitt Army Community Hospital

*Program Director:*

Thomas M Michels, MD  
DeWitt Army Community Hospital  
DeWitt Primary Care Group  
9501 Farrel Rd Ste GC11  
Fort Belvoir, VA 22060-5141  
703 805-0045

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-51-12-012

### Lynchburg

#### Centra Health Program

Centra Health Inc

*Program Director:*

Harold E Crow, MD  
Lynchburg Family Practice Residency  
2097 Langhorne Rd  
Lynchburg, VA 24501  
804 947-5210

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
*Program ID:* 120-51-21-318

### Norfolk

#### Eastern Virginia Graduate School of Medicine (Ghent) Program

Eastern Virginia Graduate School of Medicine  
Sentara Norfolk General Hospital

*Program Director:*

Benjamin P Eng, MD  
Ghent Family Practice Residency  
721 Fairfax Ave 3rd Fl  
Norfolk, VA 23507  
804 446-5983

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-51-21-319

#### Eastern Virginia Graduate School of Medicine (Portsmouth) Program

Eastern Virginia Graduate School of Medicine  
Portsmouth General Hospital  
Maryview Hospital

*Program Director:*

Alexander Berger, MD  
Portsmouth Family Medicine Ctr  
2700 London Blvd  
Portsmouth, VA 23707  
804 446-7400

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-51-21-442

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University (Blackstone) Program

Medical College of Virginia/Virginia Commonwealth University

Blackstone Family Practice Center  
Medical College of Virginia Hospitals

*Program Director:*

Steven N Spence, MD  
Blackstone Family Practice Center  
820 S Main St  
Blackstone, VA 23824  
804 292-7261

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-51-11-321

#### Medical College of Virginia/Virginia Commonwealth University (Chippenham) Program

Medical College of Virginia/Virginia Commonwealth University

HCA Chippenham Medical Center

*Program Director:*

W Jefferson McCarter, MD  
Chesterfield Family Practice Center  
2500 Pocoshock Pl  
Richmond, VA 23235  
804 276-9305

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-51-11-320

#### Medical College of Virginia/Virginia Commonwealth University (Falls Church) Program

Medical College of Virginia/Virginia Commonwealth University

Fairfax Hospital

*Program Director:*

Samuel M Jones, MD  
Fairfax Family Practice Center  
3650 Joseph Siewick Dr #400  
Fairfax, VA 22033  
703 391-2020

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-51-11-322

#### Medical College of Virginia/Virginia Commonwealth University (Newport News) Program

Medical College of Virginia/Virginia Commonwealth University

Riverside Regional Medical Center

*Program Director:*

Paul E Evans III, MD  
Riverside Family Practice Center  
316 Main St  
Newport News, VA 23601-3810  
804 594-3878

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
*Program ID:* 120-51-31-323

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Medical College of Virginia Hospitals

*Program Director:*

Michael J Petrizzi, MD  
Hanover Family Physicians PC  
10293 Atlee Station Rd  
Mechanicsville, VA 23111  
804 730-4810

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-51-21-485

### Roanoke

#### Carilion Health System Program

Carilion Health System

Community Hospital of Roanoke Valley  
Roanoke Memorial Hospitals

*Program Director:*

J A Hagy, MD  
Southeast Roanoke Family Med Ctr  
2145 Mt Pleasant Blvd SE  
Roanoke, VA 24014-3699  
703 427-3025

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
*Program ID:* 120-51-11-325

## Washington

### Bremerton

#### Naval Hospital (Bremerton) Program

Naval Hospital (Bremerton)

*Program Director:*

Larry H Johnson, MD  
Puget Sound Family Medicine Program  
Naval Hospital  
Boone Rd  
Bremerton, WA 98312-1898  
206 478-9345

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-54-21-494

### Olympia

#### St Peter Hospital Program

St Peter Hospital

*Program Director:*

Keith Frey, MD  
St Peter Hospital Family Practice Residency Program  
525 Lilly Rd NE  
Olympia, WA 98506  
206 498-4020

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-54-21-497

### Renton

#### Valley Medical Center Program

Valley Medical Center

*Program Director:*

Andrew Oliveira, MD  
Valley Professional Center North  
3915 Talbot Rd S Ste 401  
Renton, WA 98055  
206 575-4722

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-54-21-470

\* Updated information not provided.

**Seattle****Group Health Cooperative of Puget Sound Program**

Group Health Cooperative of Puget Sound

*Program Director:*

Michael Wanderer, MD  
Group Health Cooperative of Puget Sound  
200 15th Ave E CWB100  
Seattle, WA 98112  
206 326-3585

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
*Program ID:* 120-54-21-327

**Providence Medical Center Program**

Providence Medical Center

*Program Director:*

Kevin F Murray, MD  
Providence Family Med Ctr  
550 16th Ave Ste 100  
Seattle, WA 98122  
206 320-2233

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 11)  
*Program ID:* 120-54-21-328

**Swedish Hospital Medical Center-Seattle Program**

Swedish Medical Center-Seattle

*Program Director:*

Joseph N Scardapane, MD  
Swedish Medical Center/Seattle  
1101 Madison #200  
Seattle, WA 98104  
206 386-6054

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
*Program ID:* 120-54-31-326

**University of Washington Program**University of Washington School of Medicine  
University of Washington Medical Center*Program Director:*

David P Losh, MD  
University of Washington Medical Center  
Dept of Family Medicine RF-30  
Seattle, WA 98195  
206 685-0564

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-54-31-329

**Spokane****Inland Empire Hospital Services Association Program**Inland Empire Hospital Services Association  
Deaconess Medical Center  
Sacred Heart Medical Center*Program Director:*

Philip D Cleveland, MD  
Spokane Family Medicine Program  
S 510 Cowley  
Spokane, WA 99202-1328  
509 624-2313

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
*Program ID:* 120-54-21-330

**Inland Empire Hospital Services Association Rural Program**

Inland Empire Hospital Services Association

*Program Director:*

Philip D Cleveland, MD  
Family Med Spokane  
S 510 Cowley  
Spokane, WA 99202-1328  
509 624-2313

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 2)  
*Program ID:* 120-54-21-552

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center

*Program Director:*

Wayne A Schirner, DO  
Madigan Army Med Ctr  
Attn: HSHJ-FP  
Tacoma, WA 98431-5000  
206 968-2065

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 5)  
*Program ID:* 120-54-21-013

**Tacoma General Hospital Program\***

Tacoma General Hospital

Mary Bridge Children's Hospital and Health Center

*Program Director:*

Judy Pauwels, MD  
Tacoma Family Med  
521 S K St  
Tacoma, WA 98405-4272  
206 552-2938

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 8)  
*Program ID:* 120-54-31-331

**Vancouver****Southwest Washington Medical Center Program\***

Southwest Washington Medical Center

*Program Director:*

David Ruiz, MD  
9805 NE 148th St  
Bush Prairie, WA 98606  
360 260-7560

*Length:* 3 Year(s)  
*Program ID:* 120-54-21-546

**Yakima****Yakima Valley Memorial Hospital/St Elizabeth Medical Center Program**Yakima Valley Memorial Hospital  
St Elizabeth Medical Center*Program Director:*

Michael W Maples, MD  
Central Washington Family Medicine  
1806 W Lincoln  
Yakima, WA 98902  
509 452-4520

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-54-21-522

**West Virginia****Charleston****West Virginia University (Charleston Division) Program**

Charleston Area Medical Center

*Program Director:*

Jeffrey V Ashley, MD  
Dept of Family Medicine  
1201 Washington St E #108  
Charleston, WV 25301  
304 346-2022

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-55-11-337

**Clarksburg****United Hospital Center Program**

United Hospital Center

*Program Director:*

George T Fredrick, MD  
One Hospital Plaza  
PO Box 2290  
Clarksburg, WV 26302-2290  
304 624-7589

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-55-22-334

**Huntington****Marshall University School of Medicine Program**Marshall University School of Medicine  
Cabell Huntington Hospital*Program Director:*

Stephen M Petrany, MD  
Marshall University School of Medicine  
Dept of Family Medicine  
1801 Sixth Ave  
Huntington, WV 25755-9420  
304 696-7046

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 120-55-21-335

**Morgantown****West Virginia University Program**

West Virginia University Hospitals

*Program Director:*

James G Arbogast, MD  
Dept of Family Med  
Robert C Byrd HCS of WVU  
PO Box 9152  
Morgantown, WV 26506-9152  
800 983-6362

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 9)  
*Program ID:* 120-55-11-336

**Wheeling****Wheeling Hospital Program**

Wheeling Hospital

*Program Director:*

Terry L Elliott, MD  
Family Health Center  
40 Medical Park Ste 401  
Wheeling, WV 26003-3110  
304 243-3330

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-55-22-338

**Wisconsin****Appleton****University of Wisconsin (Appleton) Program**Appleton Medical Center  
St Elizabeth Hospital*Program Director:*

Lee M Vogel, MD  
Appleton Family Practice Residency  
229 S Morrison  
Appleton, WI 54911-5760  
414 738-8413

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-56-31-368

\* Updated information not provided.

## Eau Claire

### University of Wisconsin (Eau Claire) Program

Luther Hospital  
Sacred Heart Hospital

*Program Director:*  
William J Hueston, MD  
Eau Claire Family Medicine Program  
807 S Farwell St  
Eau Claire, WI 54701

715 839-5177  
*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)  
*Program ID:* 120-56-31-342

## Janesville

### Mercy Health System Program

Mercy Health System

*Program Director:*  
Gregory L Darrow, MD  
Mercy Health System Family Practice Residency Program  
849 Kellogg Ave  
Janesville, WI 53546-9978

800 236-6877  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-56-21-503

## La Crosse

### St Francis Medical Center Program

St Francis Medical Center

*Program Director:*  
Thomas J Grau, MD  
St Francis-Mayo Family Practice Residency  
700 West Ave S  
La Crosse, WI 54601

608 785-0940  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-56-11-339

## Madison

### University of Wisconsin Program

St Marys Hospital Medical Center

*Program Director:*  
John W Beasley, MD  
Dept of Family Medicine  
Madison Family Medicine Prgm  
777 S Mills St  
Madison, WI 53715-1896

608 265-4668  
*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 14)  
*Program ID:* 120-56-11-343

## Milwaukee

### Medical College of Wisconsin (Columbia) Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Columbia Hospital

*Program Director:*  
Russell G Robertson, MD  
Columbia Family Practice Residency Program  
210 W Capitol Dr  
Milwaukee, WI 53212

414 961-1810  
*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
*Program ID:* 120-56-21-496

## Medical College of Wisconsin (Kenosha) Program

Medical College of Wisconsin Affiliated Hospitals Inc  
St Catherine's Hospital

*Program Director:*  
Philip K Wong, MD  
L Kevin Hamberger, PhD  
St Catherine's Family Practice Center  
PO Box 598  
Kenosha, WI 53141

414 553-9420  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-56-21-438

## Medical College of Wisconsin (St Mary's) Program

Medical College of Wisconsin Affiliated Hospitals Inc  
St Mary's Hospital of Milwaukee

*Program Director:*  
Loren A Leshan, MD  
St Mary's Family Practice Center  
2243 N Prospect Ave  
Milwaukee, WI 53202

414 283-2707  
*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
*Program ID:* 120-56-21-344

## Medical College of Wisconsin (St Michael) Program

Medical College of Wisconsin Affiliated Hospitals Inc  
St Michael Hospital

*Program Director:*  
David S Smith, MD  
St Michael Hospital  
2400 W Villard Ave  
Milwaukee, WI 53209

414 527-8348  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 2)  
*Program ID:* 120-56-31-349

## Medical College of Wisconsin (Waukesha) Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Waukesha Memorial Hospital

*Program Director:*  
Richard B Lewan, MD  
Waukesha Family Practice Ctr  
210 NW Barstow St  
Ste 201  
Waukesha, WI 53188

414 548-6907  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-56-21-345

## University of Wisconsin (Milwaukee) Program

St Luke's Medical Center

*Program Director:*  
Dennis J Baumgardner, MD  
St Luke's Family Practice Residency Prgm  
2901 W Kinnickinnic River Pkwy  
Ste 175  
Milwaukee, WI 53215

414 649-7909  
*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 8)  
*Program ID:* 120-56-21-348

## Wausau

### University of Wisconsin (Wausau) Program\*

Wausau Hospital

*Program Director:*  
Kevin J O'Connell, MD  
Wausau Family Practice Center  
995 Campus Dr  
Wausau, WI 54401-1898

715 675-3391  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-56-21-350

## Wyoming

## Laramie

### University of Wyoming (Cheyenne) Program

University of Wyoming College of Health Sciences  
United Medical Center

*Program Director:*  
Robert A Marlow, MD  
University of Wyoming Family Practice Program at  
Cheyenne  
821 E 18th St  
Cheyenne, WY 82001-4775

307 777-7911  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 120-57-12-369

### University of Wyoming (Laramie) Program

University of Wyoming College of Health Sciences  
Wyoming Medical Center

*Program Director:*  
Joe K Schoeber, MD  
Univ of Wyoming-Casper  
Dept of Family Practice  
1522 E A St  
Casper, WY 82601

307 266-3076  
*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)  
*Program ID:* 120-57-12-351

\* Updated information not provided.

## Forensic Pathology (Pathology-Anatomic and Clinical)

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program

University of Alabama Hospital  
Jefferson County Coroner/Medical Examiner's Office

*Program Director:*

Robert M Brissie, MD  
Jefferson County Coroner/Medical Examiner's Office  
1515 6th Ave S  
Birmingham, AL 35233  
205 930-3603

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 310-01-21-049

#### Mobile

##### University of South Alabama Program

Alabama Department of Forensic Sciences

*Program Director:*

Leroy Riddick, MD  
Alabama Department of Forensic Sciences Mobile  
Division  
PO Box 7925 Crichton Station  
Mobile, AL 36607  
205 471-7026

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 310-01-21-050

### California

#### Los Angeles

##### County of Los Angeles-Department of Coroner Program

County of Los Angeles-Department of Coroner

*Program Director:*

Lakshmanan Sathyavagiswaran, MD  
Christopher Rogers, MD  
Dept of Coroner  
1104 N Mission Rd  
Los Angeles, CA 90033  
213 343-0522

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 310-05-12-002

#### Sacramento

##### Northern California Forensic Pathology Program

North California Forensic Pathology  
University of California (Davis) Medical Center

*Program Director:*

Gregory D Reiber, MD  
Northern California Forensic Pathology  
2443 Fair Oaks Blvd  
Ste 311  
Sacramento, CA 95825  
916 732-3823

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 310-05-21-065

### San Bernardino

##### San Bernardino County Coroner's Office Program\*

San Bernardino County Coroner's Office

*Program Director:*

Frank P Sheridan, MD  
Division of Medical Examiner  
1890 N Waterman Ave  
San Bernardino, CA 92415-0052  
909 387-6116

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 2)  
*Program ID:* 310-05-21-062

### San Diego

##### San Diego County Medical Examiner Program

San Diego County Medical Examiner

*Program Director:*

Harry J Bonnell, MD  
San Diego Medical Examiner Office  
5555 Overland Ave  
Building # 14  
San Diego, CA 92123  
619 694-2895

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 310-05-21-059

### Colorado

#### Denver

##### Denver Health and Hospitals Program\*

Denver Health and Hospitals

*Program Director:*

Thomas E Henry, MD  
Denver Coroner's Office  
777 Bannock St  
Denver, CO 80204-4507  
303 893-7411

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 3)  
*Program ID:* 310-07-21-006

### District of Columbia

#### Washington

##### Armed Forces Institute of Pathology Program

Armed Forces Institute of Pathology

*Program Director:*

Charles J Stahl III, MD  
Armed Forces Institute of Pathology  
Armed Forces Med Examiner's Office  
14th & Alaska Ave Bldg 54  
Washington, DC 20306-6000  
202 576-0443

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 310-10-32-001

##### Office of the Chief Medical Examiner Program

Office of the Chief Medical Examiner

*Program Director:*

Joye M Carter, MD  
Office of the Chief Medical Examiner  
1910 Massachusetts Ave SE  
Washington, DC 20003  
202 724-8863

*Length:* 1 Year(s)  
*Program ID:* 310-10-21-068

### Florida

#### Fort Lauderdale

##### Broward County Medical Examiner's Office Program\*

Broward County Medical Examiner's Office

*Program Director:*

Joshua A Perper, MD  
University of Miami-Broward County Office  
Office of District Medical Examiner  
5301 SW 31st Ave  
Fort Lauderdale, FL 33312-6199  
305 964-0218

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 310-11-21-056

#### Miami

##### University of Miami-Dade County Medical Examiner's Office Program

Metropolitan Dade County Office of Medical Examiner

*Program Director:*

Joseph H Davis, MD  
University of Miami-Dade County Medical Examiner  
Department  
Number One on Bob Hope Rd  
Miami, FL 33136-1133  
305 545-2425

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 310-11-21-055

#### Orlando

##### Florida Medical Examiner's Office District Nine Program\*

Orlando Regional Healthcare System-ORMC Division

*Program Director:*

William R Anderson, MD  
Office of the Medical Examiner District 9  
1401 Lucerne Terrace  
Orlando, FL 32806  
407 836-7130

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 310-11-21-064

#### Tampa

##### Hillsborough County Medical Examiner Department Program

Hillsborough County Medical Examiner Department

*Program Director:*

Vernard I Adams, MD  
401 S Morgan St  
Tampa, FL 33602-5441  
813 272-5342

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 310-11-31-066

### Georgia

#### Atlanta

##### Emory University Program

Emory University School of Medicine  
Fulton County Medical Examiner's Office  
Grady Memorial Hospital

*Program Director:*

Kris L Sperry, MD  
Fulton County Medical Examiner's Office  
50 Coca Cola Pl SE  
Atlanta, GA 30303  
404 730-4400

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 310-12-21-052

\* Updated information not provided.

## Illinois

### Chicago

#### Office of the Medical Examiner of Cook County Program

Office of the Medical Examiner of Cook County

*Program Director:*

Edmund R Donoghue Jr, MD  
Office of the Medical Examiner of Cook County  
2121 W Harrison St  
Chicago, IL 60612-3705  
312 997-4500

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 310-16-21-035

## Kentucky

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Office of Chief Medical Examiner  
University of Louisville Hospital

*Program Director:*

George R Nichols II, MD  
Office of the Medical Examiner  
Urban County Government Center  
810 Barret Ave  
Louisville, KY 40204  
502 588-5587

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 310-20-21-048

## Maryland

### Baltimore

#### Office of the Chief Medical Examiner/State of Maryland Program\*

Office of the Chief Medical Examiner

*Program Director:*

John E Smialek, MD  
Office of the Chief Medical Examiner  
111 Penn St  
Baltimore, MD 21201  
301 333-3225

*Length:* 1 Year(s)  
*Program ID:* 310-23-11-012

## Massachusetts

### Boston

#### Eastern Massachusetts Medical Examiner's Office Program

Eastern Massachusetts Medical Examiner's Office

*Program Director:*

Stanton C Kessler, MD  
Office of the Chief Medical Examiner  
784 Massachusetts Ave  
Boston, MA 02118  
617 267-6767

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 2)  
*Program ID:* 310-24-21-061

## Michigan

### Detroit

#### Wayne County Medical Examiner's Office Program\*

Wayne County Medical Examiner's Office

*Program Director:*

Bader J Cassin, MD  
Wayne County Medical Examiner's Office  
400 E Lafayette  
Detroit, MI 48226  
313 224-5648

*Length:* 1 Year(s)  
*Program ID:* 310-25-11-013

## Minnesota

### Minneapolis

#### Hennepin County Medical Examiner Program

Hennepin County Medical Examiner

*Program Director:*

Garry F Peterson, MD JD  
730 S Seventh St  
Minneapolis, MN 55415-1798  
612 347-2125

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 310-26-12-014

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
Office of the Medical Investigator

*Program Director:*

Ross E Zumwalt, MD  
Office of the Medical Investigator-State of New Mexico  
University of New Mexico  
Health Sciences Center  
Albuquerque, NM 87131-5091  
505 277-3053

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 310-34-21-015

## New York

### East Meadow

#### Nassau County Medical Examiner's Office Program\*

Nassau County Medical Examiner's Office

*Program Director:*

Leslie Lukash, MD  
Nassau County Medical Examiner  
PO Box 160  
East Meadow, NY 11554  
516 542-5150

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 310-35-31-016

## New York

#### Office of the Chief Medical Examiner-City of New York Program

Office of Chief Medical Examiner-City of New York

*Program Director:*

Charles S Hirsch, MD  
Office of the Chief Medical Examiner  
520 First Ave  
New York, NY 10016  
212 447-2034

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 310-35-21-063

## Rochester

#### Monroe County Medical Examiners Office Program\*

Monroe County Medical Examiners Office

*Program Director:*

Nicholas T Forbes, MD  
Monroe County Medical Examiners Office  
435 E Henrietta Rd  
Rochester, NY 14620  
716 274-7970

*Length:* 1 Year(s)  
*Program ID:* 310-35-31-069

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program\*

University of North Carolina Hospitals  
Office of the Chief Medical Examiner

*Program Director:*

John D Butts, MD  
Office of the Chief Medical Examiner  
Campus Box 7580  
Chapel Hill, NC 27599-7580  
919 966-2253

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 310-36-21-019

## Ohio

### Cincinnati

#### Hamilton County Coroner's Office Program

Hamilton County Coroner's Office

*Program Director:*

Elliot M Gross, MD  
Frank P Cleveland, MD  
Institute of Forensic Medicine  
3159 Eden Ave  
Cincinnati, OH 45219-2299  
513 221-4524

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 310-38-11-020

\* Updated information not provided.

## Cleveland

### Cuyahoga County Coroner's Office Program

Cuyahoga County Coroner's Office  
*Program Director:*  
 Elizabeth K Balraj, MD  
 Cuyahoga County Coroner's Office  
 2121 Adelbert Rd  
 Cleveland, OH 44106  
 216 721-5610  
*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID:** 310-38-11-021

## Dayton

### Office of the Montgomery County Coroner Program

Office of the Montgomery County Coroner  
*Program Director:*  
 James H Davis, MD  
 Montgomery County Coroner's Office  
 361 W Third St  
 Dayton, OH 45402  
 513 225-4156  
*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 310-38-21-067

## Oklahoma

### Oklahoma City

### Office of the Chief Medical Examiner Program

Office of the Chief Medical Examiner-State of Oklahoma  
*Program Director:*  
 Fred B Jordan, MD  
 Office of Chief Medical Examiner  
 901 N Stonewall  
 Oklahoma City, OK 73117  
 405 239-7141  
*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 310-39-11-022

## Pennsylvania

### Philadelphia

### Office of the Medical Examiner Program

Office of the Medical Examiner  
*Program Director:*  
 Hareesh Mirchandani, MD  
 Ian C Hood, MB ChB  
 Office of the Medical Examiner  
 321 University Ave  
 Philadelphia, PA 19104  
 215 685-7470  
*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)  
**Program ID:** 310-41-12-023

## Pittsburgh

### Allegheny County Coroner's Office Program

Allegheny County Coroner's Office  
*Program Director:*  
 Abdulrezzak Shakir, MD  
 Allegheny County Coroner's Office  
 542 Fourth Ave  
 Pittsburgh, PA 15219-2186  
 412 355-0890  
*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID:** 310-41-21-024

## South Carolina

### Charleston

### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
 MUSC Medical Center  
*Program Director:*  
 Sandra E Conradi, MD  
 Department of Pathology and Laboratory Medicine  
 Medical University of South Carolina  
 171 Ashley Ave  
 Charleston, SC 29425  
 803 792-3500  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 310-45-21-026

## Tennessee

### Memphis

### University of Tennessee Program

University of Tennessee College of Medicine  
*Program Director:*  
 Jerry T Francisco, MD  
 University of Tennessee Memphis  
 Dept of Pathology  
 1060 Madison  
 Memphis, TN 38163  
 901 448-6320  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 310-47-21-027

## Texas

### Dallas

### Southwestern Institute of Forensic Sciences Program

Southwestern Institute of Forensic Sciences  
*Program Director:*  
 Jeffrey J Barnard, MD  
 PO Box 35728  
 Dallas, TX 75235-0728  
 214 920-5911  
*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID:** 310-48-11-028

### San Antonio

### Bexar County Forensic Science Center Program

Bexar County Forensic Science Center  
*Program Director:*  
 Vincent J M Di Maio, MD  
 Bexar County Medical Examiner's Office  
 7337 Louis Pasteur  
 San Antonio, TX 78229  
 210 615-2100  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 310-48-21-044

## Virginia

### Richmond

### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University  
 Medical College of Virginia Hospitals  
*Program Director:*  
 Marcella F Fierro, MD  
 Dept of Legal Medicine  
 9 N 14th St  
 Richmond, VA 23219-3694  
 804 786-1033  
*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 310-51-21-030

## Washington

### Seattle

### King County Medical Examiner's Office Program

King County Medical Examiner's Office  
*Program Director:*  
 Richard C Harruff, MD PhD  
 King County Division of the Medical Examiner  
 325 Ninth Ave  
 ZA-37  
 Seattle, WA 98104-2499  
 206 223-3232  
*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID:** 310-54-21-031

## Wisconsin

### Milwaukee

### Milwaukee County Medical Examiner's Office Program\*

Milwaukee County Medical Examiner's Office  
*Program Director:*  
 John R Teggatz, MD  
 Milwaukee County Medical Examiners Office  
 933 W Highland Ave  
 Milwaukee, WI 53233  
 414 223-1217  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 310-56-21-053

\* Updated information not provided.

## Gastroenterology (Internal Medicine)

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program\*

University of Alabama Hospital

*Program Director:*

Charles O Elson, MD

University of Alabama Hospitals

University Station

Birmingham, AL 35294

205 934-6060

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 144-01-21-127

#### Mobile

##### University of South Alabama Program

University of South Alabama Medical Center

USA Knollwood Park Hospital

*Program Director:*

Jack A DiPalma, MD

University of South Alabama Medical Center

2451 Fillingim St

Mobile, AL 36617

205 471-7905

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 144-01-21-213

### Arizona

#### Tucson

##### University of Arizona Program

University of Arizona College of Medicine

Carl T Hayden Veterans Affairs Medical Center (Phoenix)

Good Samaritan Regional Medical Center

University Medical Center

Veterans Affairs Medical Center (Tucson)

*Program Director:*

Richard E Sampliner, MD

Univ of Arizona Gastroenterology Section AHSC Rm 6406

1501 N Campbell Ave

Tucson, AZ 85724

602 626-6119

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 144-03-21-110

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine

John L McClellan Memorial Veterans Hospital

University Hospital of Arkansas

*Program Director:*

Roger Lester, MD

University of Arkansas For Medical Sciences

4301 W Markham Slot 567

Little Rock, AR 72205

501 686-6217

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 144-04-21-111

### California

#### La Jolla

##### Scripps Clinic and Research Foundation Program

Scripps Clinic and Research Foundation

*Program Director:*

Vance D Rodgers, MD

Dept of Graduate Med Education/403C

Scripps Clinic & Research Fnd

10666 N Torrey Pines Rd

La Jolla, CA 92037-1093

619 554-8877

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 144-05-21-073

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center

Jerry L Pettis Memorial Veterans Hospital

Kaiser Foundation Hospital (Fontana)

*Program Director:*

Michael H Walter, MD

Loma Linda University Medical Center

Dept of Medicine

Room 1562

Loma Linda, CA 92354

909 824-4846

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 144-05-21-087

#### Los Angeles

##### UCLA Medical Center Program\*

UCLA School of Medicine

Cedars-Sinai Medical Center

LAC-Olive View Medical Center

Los Angeles County-Harbor-UCLA Medical Center

UCLA Medical Center

Veterans Affairs Medical Center (Sepulveda)

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Andrew Soll, MD

UCLA School of Medicine

Ctr for the Hlth Sci

Los Angeles, CA 90024-1736

310 825-3187

*Length:* 2 Year(s) *Total Positions:* 21

**Program ID:** 144-05-11-130

##### University of Southern California Program\*

Los Angeles County-USC Medical Center

LAC-Rancho Los Amigos Medical Center

*Program Director:*

Neil Kaplowitz, MD

Div of Gastrointestinal & Liver Diseases/Dept of Med

University of Southern California

1200 N State St Rm 12-137

Los Angeles, CA 90033

213 226-7994

*Length:* 2 Year(s) *Total Positions:* 11

**Program ID:** 144-05-21-053

### Orange

##### University of California (Irvine) Program

University of California (Irvine) Medical Center

Long Beach Memorial Medical Center

Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Hooshang Meshkinpour, MD

Univ of California (Irvine) Department of

Medicine/Gastro

C-340 Med Sci I

Irvine, CA 92717-4098

714 856-7455

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 144-05-21-151

### Pasadena

##### Southern California Kaiser Permanente Medical Care (Los Angeles) Program

Southern California Kaiser Permanente Medical Group

Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Chris Conteas, MD

Donald Gerety MD

Kaiser Foundation Hospital

1526 Edgemont St 7th Fl

Los Angeles, CA 90027

213 667-6830

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 144-05-12-037

### Sacramento

##### University of California (Davis) Program

University of California (Davis) Medical Center

Kaiser Foundation Hospital (Sacramento)

*Program Director:*

Joseph Leung, MD

University of California (Davis) Medical Center

4301 X St

Sacramento, CA 95817

916 734-3751

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 144-05-21-094

### San Diego

##### Naval Medical Center (San Diego) Program\*

Naval Medical Center (San Diego)

*Program Director:*

Capt Michael D Mottet, MD

Department of the Navy

Naval Hospital

San Diego, CA 92134-5000

619 532-9725

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 144-05-12-152

##### University of California (San Diego) Program

University of California (San Diego) Medical Center

Mount Zion Medical Center of the University of California

Veterans Affairs Medical Center (San Diego)

*Program Director:*

Kip D Lyche, MD

200 W Arbor Dr

San Diego, CA 92103-8413

619 543-3252

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 144-05-21-174

\* Updated information not provided.

**San Francisco****California Pacific Medical Center Program**

California Pacific Medical Center  
California Pacific Medical Center (Pacific Campus)

*Program Director:*  
Michael Verhille, MD  
California Pacific Med Ctr  
2340 Clay St Ste 423  
San Francisco, CA 94115  
415 202-1630

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 144-05-12-153

**University of California (San Francisco) Program\***

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*  
Bruce F Scharsmidt, MD  
University of California San Francisco  
Div of Gastroenterology  
Box 0538 1120-HSW  
San Francisco, CA 94143-0538  
415 476-2776

*Length:* 2 Year(s) *Total Positions:* 18  
**Program ID:** 144-05-21-154

**Stanford****Stanford University Program\***

Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*  
Harry B Greenberg, MD  
Stanford University Medical Center  
Gastroenterology P-304  
Stanford, CA 94305-5487  
415 493-5000

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-05-21-022

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*  
William R Brown, MD  
Univ of Colorado Health Sciences Center Dept of Med  
4200 E Ninth Ave  
Campus Box B-158  
Denver, CO 80262  
303 393-4604

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 144-07-21-065

**Connecticut****Bridgeport****Yale University (Bridgeport) Program**

Bridgeport Hospital  
*Program Director:*  
Thomas A Shaw-Stiffel, MD  
Bridgeport Hospital  
267 Grant St  
Bridgeport, CT 06610-2870  
203 384-3175

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-08-11-190

**Derby****Griffin Hospital Program**

Griffin Hospital  
Yale-New Haven Hospital

*Program Director:*  
Vincent A DeLuca Jr, MD  
Griffin Hosp  
130 Division St  
Derby, CT 06418  
203 732-7325

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-08-31-132

**Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
New Britain General Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital  
Veterans Affairs Medical Center (Newington)

*Program Director:*  
George Y Wu, MD PhD  
University of Connecticut School of Medicine  
GI Div Rm AM-044  
263 Farmington Ave  
Farmington, CT 06030-1845  
203 679-3158

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 144-08-31-001

**New Haven****Hospital of St Raphael Program**

Hospital of St Raphael  
Waterbury Hospital Health Center

*Program Director:*  
Ronald Vender, MD  
Hospital of St Raphael  
1450 Chapel St  
New Haven, CT 06511  
203 789-3202

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-08-21-209

**Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
*Program Director:*  
James Boyer, MD  
Yale-New Haven Medical Center Dept of Medicine  
PO Box 208019  
333 Cedar St  
New Haven, CT 06520-8019  
203 785-4138

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 144-08-21-023

**Norwalk****Yale University/Norwalk Hospital Program**

Norwalk Hospital  
*Program Director:*  
Martin H Floch, MD  
Norwalk Hospital Dept of Medicine  
Maple St  
Norwalk, CT 06856  
203 852-2368

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-08-31-002

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*  
Hans Fromm, MD  
George Washington Univ Hospital Div of Gastroenterology  
2150 Pennsylvania Ave NW  
5-403

Washington, DC 20037  
202 994-4418

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-10-21-114

**Georgetown University Program**

Georgetown University Hospital  
District of Columbia General Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*  
Stanley B Benjamin, MD  
Georgetown Univ Med Ctr Div of Gastroenterology  
Main Hospital Ste M2122  
3800 Reservoir Rd NW  
Washington, DC 20007-2197  
202 687-8684

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 144-10-21-088

**Howard University Program\***

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*  
Victor F Scott, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Ste 5C04  
Washington, DC 20060  
202 865-6632

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-10-21-133

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*  
Roy K Wong, MD  
Chief Gastroenterology Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-7256

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 144-10-11-134

\* Updated information not provided.



### Washington Hospital Center Program

Washington Hospital Center  
*Program Director:*  
Michael Gold, MD  
Frank Kim, MD  
Washington Hospital Center  
110 Irving St NW  
Section of Gastroenterology 3A1-C5  
Washington, DC 20010  
202 877-7108  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 144-10-21-212

## Florida

### Gainesville

**University of Florida Program**  
University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)  
*Program Director:*  
Phillip P Toskes, MD  
Univ of Florida Dept of Medicine  
Box 100277  
J Hillis Miller Health Center  
Gainesville, FL 32610  
904 392-2877  
*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 144-11-21-039

### Jacksonville

**University of Florida Health Science Center/Jacksonville Program**  
University Medical Center (UFHSC/J)  
*Program Director:*  
Byron E Kolts, MD  
University of Florida Health Science Center/Jacksonville  
653 West Eighth St 4th Fl  
Jacksonville, FL 32209  
904 649-3980  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 144-11-21-024

### Miami

**University of Miami-Jackson Memorial Medical Center Program**  
University of Miami-Jackson Memorial Medical Center  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)  
*Program Director:*  
Martin H Kalsner, MD PhD  
University of Miami School of Medicine  
PO Box 016960 (D-49)  
Miami, FL 33101  
305 586-3162  
*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 144-11-21-176

### Tampa

**University of South Florida Program**  
University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare  
*Program Director:*  
H Juergen Nord, MD  
Univ of South Florida College of Medicine  
12901 Bruce B Downs Blvd  
MDC Box 19  
Tampa, FL 33612-4799  
813 974-2034  
*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 144-11-21-040

## Georgia

### Atlanta

**Emory University Program**  
Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)  
*Program Director:*  
Thomas D Boyer, MD  
Emory University of School Medicine  
Div of Digestive Diseases  
PO Drawer AL  
Atlanta, GA 30322-0463  
404 727-5638  
*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 144-12-21-136

### Augusta

**Medical College of Georgia Program**  
Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)  
*Program Director:*  
Robert R Schade, MD  
Medical College of Georgia  
Sect of Gastroenterology-CJ 340  
1120 15th St  
Augusta, GA 30912-3120  
706 721-2238  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-12-21-003

## Illinois

### Chicago

**Cook County Hospital Program\***  
Cook County Hospital  
*Program Director:*  
Bashar M Attar, MD  
Cook County Hospital  
1825 W Harrison  
Chicago, IL 60612  
312 633-7213  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 144-16-12-041

### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)  
*Program Director:*  
Peter J Kahrilas, MD  
Northwestern University Medical School  
746 Passavant Pavilion  
303 E Superior St  
Chicago, IL 60611  
312 908-7280  
*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 144-16-21-074

### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center  
*Program Director:*  
Seymour M Sabesin, MD  
Rush-Presbyterian-St Luke's Medical Center  
1725 W Harrison Ste 204  
Chicago, IL 60612  
312 942-8910  
*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 144-16-11-137

### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)  
*Program Director:*  
Thomas J Layden, MD  
University of Illinois at Chicago  
Digestive and Liver Diseases  
840 S Wood St M/C 787  
Chicago, IL 60612-7323  
312 996-6651  
*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 144-16-21-138

### Maywood

**Loyola University Program\***  
Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital  
*Program Director:*  
Martin G Durkin, MD  
Rm 25 Bldg 117  
2160 S First Ave  
Maywood, IL 60153  
708 216-3307  
*Length:* 2 Year(s) *Total Positions:* 13  
*Program ID:* 144-16-21-004

## North Chicago

### Finch University of Health Sciences/Chicago Medical School Program

Finch University of Health Sciences/Chicago Medical School  
Mount Sinai Hospital Medical Center of Chicago  
Thorek Hospital and Medical Center  
Veterans Affairs Medical Center (North Chicago)  
*Program Director:*  
James B Hammond, MD  
Univ of Hlth Sci/The Chicago Med Schl  
Dept of Medicine  
3333 Green Bay Rd  
North Chicago, IL 60064-3095  
708 578-3335  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 144-16-21-056

### Park Ridge

### University of Chicago (Park Ridge) Program

Lutheran General Hospital  
*Program Director:*  
Hymie Kavim, MD  
Lutheran General Hospital  
1775 Dempster St  
Park Ridge, IL 60068-1174  
708 696-8081  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-16-21-214

### Springfield

### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital  
*Program Director:*  
Peter J Karras, MD  
Memorial Medical Center  
800 N Rutledge  
Springfield, IL 62708  
217 782-0173  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 144-16-21-208

\* Updated information not provided.

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
*Program Director:*  
 Lawrence Lumeng, MD  
 Indiana University Medical Center Dept of Medicine  
 Med Res & Library Bldg 424  
 975 W Walnut St  
 Indianapolis, IN 46202-5121  
 317 274-3505

*Length:* 2 Year(s) *Total Positions:* 11  
**Program ID:** 144-17-21-155

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
*Program Director:*  
 Joel Weinstock, MD  
 University of Iowa Hospitals and Clinics  
 Dept of Internal Medicine  
 Iowa City, IA 52242-1009  
 319 356-3127

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 144-18-21-095

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
 University of Kansas Medical Center  
*Program Director:*  
 Phillip B Miner Jr, MD  
 University of Kansas Medical Center  
 Gastroenterology Div  
 3901 Rainbow Blvd  
 Kansas City, KS 66160-7350  
 913 588-6003

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-19-21-115

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
 Veterans Affairs Medical Center (Lexington)  
*Program Director:*  
 Nicholas Nickl, MD  
 University Hospital-Albert B Chandler Medical Center  
 Dept of Gastro and Nutrition  
 800 Rose St MN 654  
 Lexington, KY 40536-0084  
 606 233-5575

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-20-21-177

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
 University of Louisville Hospital  
 Veterans Affairs Medical Center (Louisville)  
*Program Director:*  
 Richard A Wright, MD  
 University of Louisville  
 Dept of Medicine  
 Louisville, KY 40292  
 502 852-6991

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-20-31-089

**Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation  
*Program Director:*  
 Robert P Perrillo, MD  
 Alton Ochsner Medical Foundation  
 Dept of Graduate Med Educ  
 1516 Jefferson Hwy  
 New Orleans, LA 70121  
 504 842-4015

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-21-22-149

**Louisiana State University Program**

Louisiana State University School of Medicine  
 Medical Center of Louisiana at New Orleans-LSU Division  
 Medical Center of Louisiana University Hospital Campus  
 Southern Baptist Hospital

*Program Director:*  
 Fred M Hunter, MD  
 Louisiana State Medical Center  
 1542 Tulane Ave  
 New Orleans, LA 70112  
 504 568-8841

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-21-21-139

**Tulane University Program**

Tulane University School of Medicine  
 Medical Center of Louisiana at New Orleans-Tulane  
 Division  
 Tulane University Hospital and Clinics  
 Veterans Affairs Medical Center-Tulane Service (New  
 Orleans)

*Program Director:*  
 Roy C Orlando, MD  
 Tulane University Medical School  
 Gastroenterology & Hepatology SL35  
 1430 Tulane Ave  
 New Orleans, LA 70112-2699  
 504 588-5329

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 144-21-21-108

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport  
 Overton Brooks Veterans Affairs Medical Center

*Program Director:*  
 Yih-Fu Shiau, MD PhD  
 Louisiana State University Medical Center Hospital  
 Medical Education Dept (Gastro)  
 1501 Kings Hwy PO Box 33932  
 Shreveport, LA 71130-3932  
 318 674-5982

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-21-21-203

**Maryland****Baltimore****Johns Hopkins University Bayview Medical Center Program\***

Johns Hopkins University School of Medicine  
 Johns Hopkins Bayview Medical Center  
*Program Director:*  
 Marvin M Schuster, MD  
 Francis Scott Key Medical Center  
 4940 Eastern Ave  
 Baltimore, MD 21224  
 410 650-0790

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-23-11-140

**Johns Hopkins University Program\***

Johns Hopkins University School of Medicine  
 Johns Hopkins Hospital

*Program Director:*  
 Mark Donowitz, MD  
 Johns Hopkins University Program  
 Dept of Medicine  
 Baltimore, MD 21205  
 301 955-9675

*Length:* 2 Year(s)  
**Program ID:** 144-23-11-075

**University of Maryland Program**

University of Maryland Medical System

*Program Director:*  
 Stephen P James, MD  
 University of Maryland Medical System  
 22 S Greene St Rm N3W62  
 Baltimore, MD 21201  
 410 328-8728

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 144-23-21-042

**Bethesda****National Naval Medical Center (Bethesda) Program**

National Naval Medical Center (Bethesda)

*Program Director:*  
 Dan M Jones, MD  
 National Naval Medical Center  
 Div of Gastroenterology  
 Bethesda, MD 20889-5600  
 301 295-2382

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-23-11-156

**Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*  
 Raj K Goyal, MD  
 Beth Israel Hospital  
 330 Brookline Ave  
 Boston, MA 02215  
 617 735-2136

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-24-21-005

\* Updated information not provided.

**Boston University Program\***

Boston University School of Medicine  
Boston City Hospital  
Boston University Medical Center-University Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*  
John Thomas Lamont, MD  
University Hospital Dept of Internal Medicine  
75 E Newton St  
Boston, MA 02118  
617 638-8330

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 144-24-21-157

**Brigham and Women's Hospital Program**

Brigham and Women's Hospital

*Program Director:*  
John L Gollan, MD PhD  
Brigham and Women's Hospital Dept of Medicine  
75 Francis St  
Gastroenterology Div  
Boston, MA 02115-8110  
617 732-5828

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 144-24-21-006

**Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*  
Daniel K Podolsky, MD  
Massachusetts General Hospital  
50 Fruit St GRJ 719  
Boston, MA 02114  
617 726-7411

*Length:* 2 Year(s) *Total Positions:* 13

*Program ID:* 144-24-11-068

**New England Deaconess Hospital Program 1**

New England Deaconess Hospital

*Program Director:*  
Charles Trey, MD  
Deaconess Hospital  
110 Francis St  
Ste 8E  
Boston, MA 02215  
617 734-5552

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 144-24-21-184

**New England Deaconess Hospital Program 2**

New England Deaconess Hospital  
Lahey Clinic

*Program Director:*  
Richard P MacDermott, MD  
Lahey Clinic Foundation  
41 Mall Rd  
Burlington, MA 01805  
617 273-8494

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 144-24-21-141

**New England Medical Center Hospitals Program**

New England Medical Center Hospitals

*Program Director:*  
Marshall M Kaplan, MD  
New England Medical Center  
750 Washington St #233  
Boston, MA 02111  
617 956-5877

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 144-24-21-007

**St Elizabeth's Medical Center of Boston Program**

St Elizabeth's Medical Center of Boston  
Faulkner Hospital  
Lemuel Shattuck Hospital

*Program Director:*  
Norman D Grace, MD  
Dept of Gastroenterology  
Faulkner Hospital  
1153 Centre St  
Boston, MA 02130  
617 983-7000

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 144-24-21-057

**Worcester**

**University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
St Vincent Hospital

*Program Director:*  
Herbert L Bonkovsky, MD  
University of Massachusetts Medical Center  
Rm S6-737  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3068

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 144-24-21-008

**Michigan**

**Ann Arbor**

**University of Michigan Program**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
Chung Owyang, MD  
Gastroenterology Div Dept of Internal Medicine  
University of Michigan Hospitals  
3912 Taubman Center Box 0362  
Ann Arbor, MI 48109-0362  
313 936-6591

*Length:* 2 Year(s) *Total Positions:* 16

*Program ID:* 144-25-21-077

**Detroit**

**Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*  
Ronald P Fogel, MD  
Surinder K Batra, MD  
Henry Ford Hospital  
Internal Medicine-Gastroenterology  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2408

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 144-25-11-142

**Sinai Hospital Program**

Sinai Hospital

*Program Director:*  
Jay R Levinson, MD  
Sinai Hospital  
Medical Staff Office  
6767 W Outer Dr  
Detroit, MI 48235-2899  
313 493-5780

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 144-25-11-207

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*  
Joseph L Kinzie, MD  
Gastroenterology  
Harper Hospital  
3990 John R  
Detroit, MI 48201  
313 745-8601

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 144-25-21-049

**East Lansing**

**Michigan State University Program**

Michigan State University College of Human Medicine  
Michigan Capital Medical Center

*Program Director:*  
James E Mayle, MD  
Dept of Medicine B220 Life Sciences Bldg  
Michigan State University  
East Lansing, MI 48824-1317  
517 353-4811

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 144-25-21-078

**Royal Oak**

**William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*  
Michael C Duffy, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-5134

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 144-25-12-180

**Southfield**

**Providence Hospital Program**

Providence Hospital

*Program Director:*  
Eugene Gelzayd, MD  
Providence Hospital  
16001 W Ninth Mile Rd  
Southfield, MI 48075  
810 424-3216

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 144-25-11-178

**Minnesota**

**Minneapolis**

**University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*  
Joseph R Bloomer, MD  
Univ of Minnesota Hospital and Clinic Dept of Medicine  
516 Delaware St SE  
UMHC Box 36  
Minneapolis, MN 55455  
612 625-8999

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 144-26-21-117

\* Updated information not provided.

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*  
Randall K Pearson, MD  
MGSM Application Processing Ctr  
Siebens 5th Fl  
Mayo Graduate Schl of Med  
Rochester, MN 55905  
507 284-3126

*Length:* 2 Year(s) *Total Positions:* 30  
**Program ID:** 144-26-21-058

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*  
James L Achord, MD  
University Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216  
601 984-4540

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-27-21-079

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*  
Paul D King, MD  
MA 421 Health Sciences Center  
University of Missouri Hospital  
Columbia, MO 65212  
314 882-1013

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-28-21-080

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Truman Medical Center-West

*Program Director:*  
Stella G Quiason, MD  
University of Missouri  
2411 Holmes St  
Kansas City, MO 64108  
816 276-1980

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-28-31-118

**St Louis****Barnes Hospital Group Program**

Barnes Hospital  
*Program Director:*  
David H Alpers, MD  
Gastroenterology Div  
Washington Univ Dept of Medicine  
660 S Euclid Box 8124  
St Louis, MO 63110  
314 362-8940

*Length:* 2 Year(s) *Total Positions:* 15  
**Program ID:** 144-28-21-158

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital  
St Mary's Health Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*  
Bruce R Bacon, MD  
St Louis Univ School of Medicine  
3635 Vista Ave at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8764

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 144-28-21-182

**Nebraska****Omaha****University of Nebraska Program**

University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*  
Eamonn M Quigley, MD  
Section of Gastroenterology and Hepatology  
Univ of Nebraska Med Ctr  
600 S 42nd St  
Omaha, NE 68198-2000  
402 559-4356

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-30-21-160

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*  
Jack L McCleery, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-5261

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-32-21-150

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

*Program Director:*  
Steven R Peikin, MD  
401 Haddon Ave  
Camden, NJ 08103  
609 757-7732

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-33-21-050

**Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
UMDNJ-University Hospital

*Program Director:*  
Bruce W Trotman, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave  
MSB H538  
Newark, NJ 07103-2714  
201 982-5252

*Length:* 2 Year(s) *Total Positions:* 11  
**Program ID:** 144-33-21-200

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Veterans Affairs Medical Center (Lyons)

*Program Director:*  
Kiron M Das, MD PhD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Medicine  
One Robert Johnson Pl CN 19  
New Brunswick, NJ 08903-0019  
908 235-7784

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-33-21-026

**South Orange****Seton Hall University School of Graduate Medical Education (Jersey City) Program**

Seton Hall University School of Graduate Medical Education  
Jersey City Medical Center  
UMDNJ-Robert Wood Johnson Medical School

*Program Director:*  
Sita Chokhavatia, MD  
Jersey City Medical Center  
50 Baldwin Ave Rm 221  
Jersey City, NJ 07304  
201 915-2436

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-33-21-183

**Seton Hall University School of Graduate Medical Education Program**

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center

*Program Director:*  
Walid Baddoura, MD  
St Joseph's Hospital and Medical Center  
703 Main St  
Paterson, NJ 07503  
201 977-2421

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 144-33-21-051

\* Updated information not provided.

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
Lovelace Medical Center  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Denis M McCarthy, MD  
Univ of New Mexico School of Medicine  
Dept of Medicine/GI  
2211 Lomas NE ACC-5  
Albuquerque, NM 87131-5271  
505 272-4755

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-34-21-143

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital

*Program Director:*

John B Rodgers, MD  
Albany Medical College Dept of Medicine A-48  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 262-5276

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-35-31-027

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

Leslie H Bernstein, MD  
Div of Gastroenterology  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467-2490  
718 920-4846

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 144-35-21-102

#### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center

*Program Director:*

Alan A Bloom, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 518-5550

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 144-35-11-103

### Brooklyn

#### Brooklyn Hospital Center Program

Brooklyn Hospital Center

*Program Director:*

Maurice A Cerulli, MD  
Brooklyn Hospital Center  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 250-6945

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-35-12-185

#### Interfaith Medical Center Program

Interfaith Medical Center

*Program Director:*

Franklin Marsh Jr, MD  
Interfaith Medical Center  
555 Prospect Pl  
Brooklyn, NY 11238  
718 935-7205

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 144-35-21-186

#### Long Island College Hospital Program\*

Long Island College Hospital  
Woodhull Medical and Mental Health Center

*Program Director:*

Irwin M Grosman, MD  
Long Island College Hospital  
340 Henry St  
Brooklyn, NY 11201  
718 780-1738

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 144-35-11-069

#### Maimonides Medical Center Program

Maimonides Medical Center

*Program Director:*

Eliot H Zimbalist, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7476

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-35-11-162

#### SUNY Health Science Center at Brooklyn Program\*

SUNY HSC at Brooklyn College of Medicine  
Brookdale Hospital Medical Center  
Kings County Hospital Center  
Staten Island University Hospital  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Eugene W Straus, MD  
SUNY Downstate Medical Center  
450 Clarkson Ave  
Brooklyn, NY 11203  
718 270-2446

*Length:* 2 Year(s)  
*Program ID:* 144-35-21-011

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Roswell Park Cancer Institute  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

M Peter Lance, MB FRCP  
Buffalo General Hospital  
Bldg E-3  
100 High St  
Buffalo, NY 14203  
716 845-2508

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 144-35-31-009

### East Meadow

#### SUNY at Stony Brook (East Meadow) Program

Nassau County Medical Center

*Program Director:*

Crescens P Pellicchia, MD  
Nassau County Medical Center  
Div of Gastroenterology  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-6573

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-35-21-090

### Flushing

#### New York Hospital Medical Center of Queens Program\*

New York Hospital Medical Center of Queens  
North Shore University Hospital

*Program Director:*

George T Martin, MD  
The New York Hosp Med Ctr of Queens  
56-45 Main St  
Flushing, NY 11355-2966  
718 670-1070

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-35-11-091

### Jamaica

#### Catholic Medical Center of Brooklyn and Queens Program

Catholic Medical Center of Brooklyn and Queens Inc  
Catholic Medical Center (Mary Immaculate Hospital)  
Catholic Medical Center (St John's Queens Hospital)

*Program Director:*

Philip A Lo Presti, MD  
Catholic Medical Center  
88-25 153rd St  
Jamaica, NY 11432  
718 291-3300

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 144-35-22-052

### Manhasset

#### North Shore University Hospital Program

North Shore University Hospital

*Program Director:*

Matthew J McKinley, MD  
North Shore University Hospital  
Dept of Medicine  
Manhasset, NY 11030  
516 562-4281

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 144-35-21-170

### Mineola

#### Winthrop-University Hospital Program

Winthrop-University Hospital

*Program Director:*

Robert Burakoff, MD  
Div of Gastroenterology  
222 Station Plaza N Ste 429  
Mineola, NY 11501  
516 663-2527

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 144-35-11-109

\* Updated information not provided.

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Queens Hospital Center

*Program Director:*  
Simmy Bank, MD  
Long Island Jewish Medical Center  
270-05 76th Ave  
New Hyde Park, NY 11040  
718 470-4692

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-35-21-144

**New York****Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center

*Program Director:*  
Alvin Gelb, MD  
Beth Israel Medical Center  
First Ave at 16th St  
Dept of Gastroenterology  
New York, NY 10003  
212 420-4015

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-35-11-010

**Harlem Hospital Center Program**

Harlem Hospital Center

*Program Director:*  
Lisa A Ozick, MD  
Harlem Hospital Center  
506 Lenox Ave  
New York, NY 10037  
212 939-1430

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-35-11-172

**Lenox Hill Hospital Program**

Lenox Hill Hospital

*Program Director:*  
Burton I Korelitz, MD  
Lenox Hill Hospital  
100 E 77th St  
New York, NY 10021-1883  
212 434-2145

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-35-11-194

**Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*  
Pradyuman B Dave, MD  
Elmhurst Hospital Center  
Dept of Internal Medicine  
79-09 Broadway  
Elmhurst, NY 11373  
718 334-2290

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-35-11-119

**Mount Sinai School of Medicine Program\***

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*  
David B Sachar, MD  
Mount Sinai Hospital  
One Gustave L Levy Pl  
Annenberg 23-02 Box 1069  
New York, NY 10029-6574  
212 241-6749

*Length:* 2 Year(s) *Total Positions:* 14  
**Program ID:** 144-35-31-163

**New York Hospital/Cornell Medical Center Program 1\***

New York Hospital  
New York Methodist Hospital

*Program Director:*  
Basil Rigas, MD  
New York Hospital  
525 E 68th St  
New York, NY 10021  
212 746-4400

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-35-21-171

**New York Hospital/Cornell Medical Center Program 2\***

Memorial Sloan-Kettering Cancer Center

*Program Director:*  
Robert C Kurts, MD  
Memorial Sloan-Kettering Cancer Center  
1275 York Ave  
New York, NY 10021  
212 639-7620

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-35-21-179

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*  
Arthur Lindner, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-5374

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-35-21-120

**Presbyterian Hospital in the City of New York Program\***

Presbyterian Hospital in the City of New York

*Program Director:*  
Michael Field, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032  
212 305-8156

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 144-35-11-070

**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
Peter R Holt, MD  
St Luke's Hospital Center  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-3680

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-35-21-105

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
St Mary's Hospital

*Program Director:*  
William Chey, MD  
Strong Memorial Hospital  
601 Elmwood Ave  
PO Box 702  
Rochester, NY 14642  
716 275-3044

*Length:* 2 Year(s)  
**Program ID:** 144-35-21-220

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*  
Gerond V Lake-Bakaar, MD  
Douglas Brand, MD  
Hlth Science Center  
Dept of Medicine  
T-17 Rm 060  
Stony Brook, NY 11794-8173  
516 444-2122

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-35-21-012

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*  
Philip G Holtzapple, MD  
Dept of Medicine  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-5804

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-35-21-106

**Valhalla****New York Medical College (Cabrini) Program**

New York Medical College  
Cabrini Medical Center

*Program Director:*  
Gerald Salen, MD  
Cabrini Medical Center  
227 E 19th St  
New York, NY 10003  
212 995-6934

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-35-31-098

**New York Medical College (Our Lady of Mercy) Program**

New York Medical College  
Our Lady of Mercy Medical Center

*Program Director:*  
C S Pitchumoni, MD  
Our Lady of Mercy Medical Center  
Dept of Medicine  
600 E 233rd St  
Bronx, NY 10466  
718 920-9602

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-35-21-043

\* Updated information not provided.

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*  
James Robilotti, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St  
New York, NY 10011  
212 604-8333

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-35-11-029

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
Westchester County Medical Center

*Program Director:*  
William S Rosenthal, MD  
New York Medical College  
Div of Gastroenterology  
Munger Pavilion Rm 206  
Valhalla, NY 10595  
914 285-7337

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 144-35-11-013

**North Carolina**

**Chapel Hill**

**University of North Carolina Hospitals Program**

University of North Carolina Hospitals  
*Program Director:*  
David A Brenner, MD  
Univ of North Carolina School of Medicine  
Div of Digestive Diseases/Nutrition  
324 Burnette-Womack Bldg CB# 7080  
Chapel Hill, NC 27599-7080  
919 966-2511

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 144-36-21-145

**Durham**

**Duke University Program**

Duke University Medical Center  
*Program Director:*  
Rodger A Liddle, MD  
Duke University Medical Center  
Box 3913  
Durham, NC 27710  
919 684-5066

*Length:* 2 Year(s) *Total Positions:* 18  
**Program ID:** 144-36-21-146

**Greenville**

**East Carolina University Program\***

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*  
Stefan P Marcuard, MD  
University Medical Center of Eastern Carolina  
Dept of Medicine  
PCMH N308 Teaching Annex  
Greenville, NC 27858-4354  
919 551-4652

*Length:* 2 Year(s) *Total Positions:*  
**Program ID:** 144-36-21-219

**Winston-Salem**

**Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital  
*Program Director:*  
Richard B Weinberg, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1048  
910 716-4612

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-36-21-014

**Ohio**

**Cincinnati**

**University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*  
Ralph A Giannella, MD  
University of Cincinnati  
231 Bethesda Ave ML 0595  
PO Box 670595  
Cincinnati, OH 45267-0595  
513 558-5244

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-38-21-081

**Cleveland**

**Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center  
*Program Director:*  
Arthur J McCullough, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-5736

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 144-38-11-165

**Case Western Reserve University Program**

University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*  
John G Banwell, MD  
University Hospitals of Cleveland  
Div of Gastroenterology  
11100 Euclid Ave Wearn 241  
Cleveland, OH 44106-5066  
216 844-1995

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-38-21-164

**Cleveland Clinic Foundation/St Vincent Charity Hospital Program**

Cleveland Clinic Foundation  
*Program Director:*  
Gary W Falk, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Gastroenterology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 144-38-12-166

**Columbus**

**Ohio State University Program**

Ohio State University Medical Center  
Grant Medical Center  
Veterans Affairs Outpatient Clinic

*Program Director:*  
Robert B Kirkpatrick, MD  
Ohio State University Hospital  
Div of Gastroenterology  
410 W Tenth Ave  
Columbus, OH 43210  
614 293-8671

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-38-11-092

**Dayton**

**Wright State University Program**

Wright State University School of Medicine  
USAF Medical Center (Wright-Patterson)  
Veterans Affairs Medical Center (Dayton)

*Program Director:*  
N Gopalswamy, MD  
Wright State University School of Medicine  
Dept of Medicine  
111 4100 W Third St  
Dayton, OH 45428  
513 268-6511

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-38-21-099

**Toledo**

**Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
*Program Director:*  
William A Sodemán Jr, MD  
Medical College of Ohio at Toledo  
CS #10008  
Dept of Medicine  
Toledo, OH 43699-0008  
419 381-3704

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-38-21-215

**Oklahoma**

**Oklahoma City**

**University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*  
Richard F Harty, MD  
Digestive Diseases & Nutrition Section  
Univ of Okla Health Sciences Center  
UH7NP526 Box 26307  
Oklahoma City, OK 73126  
405 271-5428

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-39-21-082

\* Updated information not provided.

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*  
Clifford S Melnyk, MD  
Oregon Health Sciences University  
Div of Gastroenterology PV-310  
Portland, OR 97201-3098  
503 494-8577

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-40-31-167

**Pennsylvania****Danville****Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*  
Dale H Wytock, MD  
Geisinger Medical Center  
Dept of Gastroenterology  
100 N Academy Ave  
Danville, PA 17822-1401  
717 271-6405

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-41-21-211

**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*  
Ann Ouyang, MD  
Milton S Hershey Medical Center of the Penn State Univ  
Gastroenterology Div Rm C-5800  
PO Box 850  
Hershey, PA 17033-0850  
717 631-6261

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-41-11-015

**Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center

*Program Director:*  
Gary M Levine, MD  
Albert Einstein Medical Center  
Div of Gastroenterology  
5401 Old York Rd Klein Ste 350  
Philadelphia, PA 19141  
215 456-8210

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-41-31-218

**Graduate Hospital Program**

Graduate Hospital

*Program Director:*  
David A Katzka, MD  
Graduate Hospital  
1800 Lombard St  
Ste 100 Pepper Pavilion  
Philadelphia, PA 19146  
215 893-2532

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-41-11-187

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital  
Crozer-Chester Medical Center

*Program Director:*  
Harris R Clearfield, MD  
Hahnemann University Hospital  
Broad & Vine Sts  
Mail Stop 131  
Philadelphia, PA 19102  
215 762-8101

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 144-41-21-059

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital

*Program Director:*  
Walter Rubin, MD  
Medical College of Pennsylvania Hospital  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6957

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-41-21-122

**Presbyterian Medical Center of Philadelphia Program**

Presbyterian Medical Center of Philadelphia

*Program Director:*  
Anthony J Dimarino Jr, MD  
Presbyterian Medical Center of Philadelphia  
39th & Market St Ste W218  
Philadelphia, PA 19104  
215 662-8900

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-41-11-123

**Temple University Program**

Temple University Hospital  
Albert Einstein Medical Center

*Program Director:*  
Robert S Fisher, MD  
Temple University Hospital Dept of Medicine  
3401 N Broad St  
Philadelphia, PA 19140  
215 707-3496

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 144-41-21-033

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*  
Raymond A Rubin, MD  
Jefferson Medical College  
132 S Tenth St  
Ste 480 Main Bldg  
Philadelphia, PA 19107-5244  
215 955-6489

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-41-21-034

**University of Pennsylvania Program\***

Hospital of the University of Pennsylvania

*Program Director:*  
Peter G Traber, MD  
Ste 600 CRB  
422 Curie Blvd  
Philadelphia, PA 19104-6144  
215 662-3543

*Length:* 2 Year(s)  
**Program ID:** 144-41-21-021

**Pittsburgh****MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital

*Program Director:*  
Rad M Agrawal, MD  
Div of Gastroenterology  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-4772  
412 359-3846

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 144-41-11-045

**Shadyside Hospital Program**

Shadyside Hospital

*Program Director:*  
Farhad Ismail-Beigi, MD  
Shadyside Hospital  
5230 Centre Ave  
Pittsburgh, PA 15232  
412 623-2296

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-41-22-035

**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*  
James C Reynolds, MD  
Presbyterian University Hospital  
200 Lothrop St  
Mezzanine Level C-Wing  
Pittsburgh, PA 15213-2582  
412 648-9115

*Length:* 2 Year(s) *Total Positions:* 16  
**Program ID:** 144-41-21-060

**Western Pennsylvania Hospital Program**

Western Pennsylvania Hospital

*Program Director:*  
Peter J Molloy, MD  
Western Pennsylvania Hospital  
Dept of Medicine  
4800 Friendship Ave  
Pittsburgh, PA 15224  
412 578-5750

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-41-11-046

**Sayre****Guthrie Healthcare System Program**

Robert Packer Hospital

*Program Director:*  
Joseph A Scopelliti, MD  
Guthrie Healthcare System  
Guthrie Sq  
Sayre, PA 18840-1698  
717 888-6666

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-41-12-198

\* Updated information not provided.



## Wynnewood

### Lankenau Hospital Program\*

Lankenau Hospital  
*Program Director:*  
 James J Thornton, MD  
 Lankenau Hospital  
 Dept of Medicine Ste 114  
 100 Lancaster Ave W of City Line  
 Wynnewood, PA 19096  
 215 896-7360  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-41-11-032

## Puerto Rico

### Ponce

#### Hospital de Damas Program

Hospital de Damas  
 Ponce Regional Hospital  
*Program Director:*  
 Alvaro Reymunde, MD  
 Edif Parra Ste 806  
 Ponce Bypass  
 Ponce, PR 00731  
 809 840-8686  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-42-11-206

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
 San Juan City Hospital  
 University Hospital  
 Veterans Affairs Medical Center (San Juan)  
*Program Director:*  
 Esther Torres, MD  
 University Hospital Puerto Rico Medical Center  
 Box 5067  
 San Juan, PR 00935  
 809 751-2551  
*Length:* 2 Year(s)  
**Program ID:** 144-42-21-124

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital  
 Roger Williams Medical Center  
 Veterans Affairs Medical Center (Providence)  
*Program Director:*  
 Walter R Thayer, MD  
 Rhode Island Hospital  
 GI Unit APC 421  
 593 Eddy St  
 Providence, RI 02903  
 401 444-5031  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-43-11-125

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
 MUSC Medical Center  
 Veterans Affairs Medical Center (Charleston)  
*Program Director:*  
 Peter B Cotton, MD FRCP  
 Div of Gastroenterology 916 CSB  
 Med Univ of South Carolina  
 171 Ashley Ave  
 Charleston, SC 29425  
 803 792-2301  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-45-21-107

### Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program

Richland Memorial Hospital-Univ of South Carolina Sch of Med  
 Williams Jennings Bryan Dorn Veterans Hospital  
*Program Director:*  
 Rajeev Vasudeva, MD  
 Div of Digestive Diseases & Nutrition  
 2 Richland Medical Park  
 Ste 506  
 Columbia, SC 29203  
 803 540-1000  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-45-21-093

## Tennessee

### Johnson City

#### East Tennessee State University Program

James H Quillen College of Medicine  
 Johnson City Medical Center Hospital  
 Veterans Affairs Medical Center (Mountain Home)  
*Program Director:*  
 Eapen Thomas, MD  
 East Tennessee State University  
 Box 70622  
 Johnson City, TN 37614-0622  
 615 926-1171  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-47-21-084

### Memphis

#### University of Tennessee Program\*

University of Tennessee College of Medicine  
 Regional Medical Center at Memphis  
 Veterans Affairs Medical Center (Memphis)  
*Program Director:*  
 Charles M Mansbach II, MD  
 University of Tennessee  
 951 Court Ave  
 Rm 555 Dobbs  
 Memphis, TN 38163  
 901 528-5813  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-47-21-188

## Nashville

### Vanderbilt University Program\*

Vanderbilt University Medical Center  
 St Thomas Hospital  
 Veterans Affairs Medical Center (Nashville)  
*Program Director:*  
 Raymond F Burk, MD  
 Vanderbilt University Dept of Medicine  
 23rd & Garland  
 Nashville, TN 37232-2279  
 615 343-4747  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-47-31-016

## Texas

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center  
*Program Director:*  
 Daniel E Polter, MD  
 Baylor University Medical Center  
 3500 Gaston Ave  
 Dallas, TX 75246  
 214 820-2232  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-48-31-148

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
 Dallas County Hospital District-Parkland Memorial Hospital  
 Veterans Affairs Medical Center (Dallas)  
*Program Director:*  
 Walter L Peterson, MD  
 University of Texas Southwestern Medical Center  
 5323 Harry Hines Blvd  
 Dallas, TX 75235-8887  
 214 371-6441  
*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 144-48-21-100

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center  
*Program Director:*  
 Shailesh C Kadakia, MBBS MD  
 Gastroenterology Service  
 Dept of Medicine  
 Brooke Army Medical Center  
 Fort Sam Houston, TX 78234-6200  
 210 916-6578  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 144-48-12-147

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals  
*Program Director:*  
 Roger D Soloway, MD  
 4.106 John Mc Cullough Bldg G64  
 University of Texas Medical Branch  
 Galveston, TX 77555-0764  
 409 772-1501  
*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 144-48-21-062

\* Updated information not provided.

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*  
David Y Graham, MD  
Dept of Med-GI  
6650 Fannin Ste 1122  
Houston, TX 77030  
713 795-0232

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 144-48-21-085

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*  
Joseph H Sellin, MD  
Univ of Texas Medical School Dept of Medicine  
PO Box 20708  
Houston, TX 77025  
713 792-5422

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 144-48-31-017

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*  
Clinton D Polhamus, MD  
59th Medical Wing/PSMG  
Attn: Colonel Polhamus  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
512 670-6470

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-48-12-063

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*  
Eugene A Trowers, MD MPH  
Texas Tech University Health Sciences Center  
3601 Fourth St  
Div of Gastroenterology  
Lubbock, TX 79430  
806 743-3130

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-48-21-195

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*  
Steven Schenker, MD  
University of Texas Health Science Center  
Div of Gastroenterology & Nutrition  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7878  
210 587-4880

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 144-48-21-072

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital

*Program Director:*  
Walter P Dyck, MD  
Texas A&M College of Medicine-Scott and White  
Div of Gastroenterology  
2401 S 31st St  
Temple, TX 76508  
800 724-2237

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 144-48-21-018

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*  
Keith G Tolman, MD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7802

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 144-49-21-168

**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont

*Program Director:*  
Edward L Krawitt, MD  
University of Vermont College of Medicine  
Dept of Medicine  
Given Med Bldg C-317  
Burlington, VT 05405-0068  
802 656-2554

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-50-21-169

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center  
Veterans Affairs Medical Center (Salem)

*Program Director:*  
Richard W McCallum, MD  
Sidney Barritt, MD  
University of Virginia Hospitals Dept of Medicine  
Box 145  
Charlottesville, VA 22908  
804 924-9582

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 144-51-21-019

**Portsmouth****Naval Medical Center (Portsmouth) Program**

Naval Medical Center (Portsmouth)

*Program Director:*  
J Mark Lawson, MD  
Naval Hospital  
Div of Gastroenterology  
11th Fl  
Portsmouth, VA 23708-5000  
804 398-5371

*Length:* 2 Year(s)  
**Program ID:** 144-51-11-204

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program\***

Medical College of Virginia/Virginia Commonwealth University  
Medical College of Virginia Hospitals

*Program Director:*  
Z Reno Vlahcevic, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980711  
Richmond, VA 23298-0711  
804 786-5396

*Length:* 2 Year(s)  
**Program ID:** 144-51-21-020

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
University of Washington Medical Center

*Program Director:*  
David R Saunders, MD  
University Hospital  
1959 NE Pacific St  
Seattle, WA 98195  
206 543-3608

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 144-54-21-086

**West Virginia****Morgantown****West Virginia University Program**

West Virginia University Hospitals

*Program Director:*  
Ronald D Gaskins, MD  
Robert C Byrd Health Sciences Center of West Virginia Univ  
Dept of Internal Medicine  
PO Box 9161  
Morgantown, WV 26506-9161  
304 293-4123

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 144-55-11-101

\* Updated information not provided.

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Ward A Olsen, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave Rm H6/516  
Madison, WI 53792-5124  
608 263-7322

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 144-56-21-126

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital  
St Joseph's Hospital

*Program Director:*

Konrad H Soergel, MD  
Medical College of Wisconsin  
9200 W Wisconsin Ave  
Milwaukee, WI 53226-3596  
414 259-3043

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 144-56-31-048

#### University of Wisconsin (Milwaukee) Program

Sinai Samaritan Medical Center

*Program Director:*

Vincents Dindzans, MD  
Sinai Samaritan Medical Center  
PO Box 342  
945 N 12th St  
Milwaukee, WI 53201-0342  
414 283-7695

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 144-56-21-210

## Geriatric Medicine (Family Practice)

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

John T Boyer, MD  
Arizona Center on Aging  
1821 E Elm St  
Tucson, AZ 85719  
602 626-6854

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 125-03-12-002

## California

### Pasadena

#### Southern California Kaiser Permanente Medical Care (Los Angeles) Program

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Jimmy Hara, MD  
Kaiser Foundation Hospital  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 125-05-21-025

### Whittier

#### University of Southern California Program\*

Presbyterian Intercommunity Hospital  
LAC-Rancho Los Amigos Medical Center

*Program Director:*

Laura Mosqueda, MD  
Rancho Los Amigos Medical Center  
7600 Conuelo St  
Downey, CA 90242  
310 940-7402

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 125-05-21-022

## District of Columbia

### Washington

#### Georgetown University/Providence Hospital Program

Georgetown University School of Medicine  
Providence Hospital

*Program Director:*

Charles A Cefalu, MD  
Fort Lincoln Family Medicine  
4151 Bladensburg Rd  
Colmar Manor, MD 20722  
301 689-7700

*Length:* 3 Year(s) *Total Positions:* 3  
*Program ID:* 125-10-21-028

## Illinois

### Park Ridge

#### Lutheran General Hospital Program

Lutheran General Hospital

*Program Director:*

Robert J Moss, MD  
Herbert Sier, MD  
Lutheran General Hospital  
1775 Dempster St  
Park Ridge, IL 60068-1174  
708 696-5104

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 125-16-11-004

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Mercy Hospital

*Program Director:*

Gerald Jogerst, MD  
University of Iowa Hospitals and Clinics  
Dept of Family Practice  
2133 Steindler Bldg  
Iowa City, IA 52242-1009  
319 335-8449

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 125-18-11-005

## Michigan

### Lansing

#### St Lawrence Hospital and Health Care Services/ Michigan State University Program

St Lawrence Hospital and HealthCare Services

*Program Director:*

John W Jones, MD  
Geriatric Assessment Center  
St Lawrence Hospital  
1210 W Saginaw  
Lansing, MI 48915-1999  
517 377-0330

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 125-25-31-021

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Fairview Riverside Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Richard L Reed, MD MPH  
Dept of Family Practice and Community Health  
825 Washington Ave SE  
Box 25  
Minneapolis, MN 55414-3034  
612 627-4299

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 125-26-21-020

\* Updated information not provided.

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

David R Mehr, MD MS  
Univ of Missouri-Columbia School of Medicine  
Dept of Family and Community Med  
M228 Medical Sciences Bldg  
Columbia, MO 65212  
314 882-6676

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 125-28-21-026

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Truman Medical Center-East

*Program Director:*

Jon F Dedon, MD  
Dept of Community & Family Med  
Truman Med Ctr-East  
7900 Lee's Summit Rd  
Kansas City, MO 64139  
816 373-6228

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 125-28-31-027

**New Jersey****Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
St Peter's Medical Center  
Veterans Affairs Medical Center (Lyons)

*Program Director:*

David F Howarth, MD MPH  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Family Medicine  
One Robert Wood Johnson Pl  
New Brunswick, NJ 08903-0019  
201 235-7669

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 125-33-21-009

**North Carolina****Greenville****East Carolina University Program**

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

Michael S Vernon, MD  
East Carolina University School of Medicine  
Div of Geriatrics  
Dept of Family Medicine  
Greenville, NC 27858-4354  
919 816-2597

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 125-36-11-011

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Drake Center

*Program Director:*

Gregg A Warshaw, MD  
Dept of Family Medicine  
231 Bethesda Ave ML582  
Cincinnati, OH 45267-0582  
513 568-0650

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 125-38-21-012

**Pennsylvania****Philadelphia****Thomas Jefferson University Program\***

Thomas Jefferson University Hospital

*Program Director:*

Edward H McGehee, MD  
Thomas Jefferson Univ Hospital  
1015 Walnut St Rm 401  
Philadelphia, PA 19107  
215 965-8363

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 125-41-21-015

**Pittsburgh****St Margaret Memorial Hospital Program**

St Margaret Memorial Hospital

*Program Director:*

Judith S Black, MD  
St Margaret Memorial Hosp  
Dept of Gerontology  
815 Freeport Rd  
Pittsburgh, PA 15215  
412 784-5070

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 125-41-12-016

**Puerto Rico****Caguas****University of Puerto Rico Program**

Caguas Regional Hospital

*Program Director:*

Richard M De Andino, MD  
Dept of Family Medicine  
GPO Box 427  
Gurabo, PR 00778  
809 737-6690

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 125-42-21-017

**Geriatric Medicine  
(Internal Medicine)****Alabama****Birmingham****University of Alabama Medical Center Program**

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Richard M Allman, MD  
Community Health Services Bldg (CHSB-19)  
933 S 19th St Ste 201  
Birmingham, AL 35294-2041  
205 934-9261

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 151-01-21-001

**Arizona****Phoenix****Good Samaritan Regional Medical Center Program**

Good Samaritan Regional Medical Center  
Carl T Hayden Veterans Affairs Medical Center (Phoenix)

*Program Director:*

Paul C Rousseau, MD  
Veterans Affairs Medical Center  
650 E Indian School Rd  
Phoenix, AZ 85012  
602 277-5551

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 151-03-21-102

**Arkansas****Little Rock****University of Arkansas for Medical Sciences Program**

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

David A Lipschitz, MD PhD  
William J Carter, MD  
GRECC (182/LR)  
VA Medical Center  
4300 W Seventh St Rm 6B111  
Little Rock, AR 72205  
501 660-2031

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 151-04-21-003

\* Updated information not provided.

## California

### Los Angeles

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center  
Veterans Affairs Medical Center (Sepulveda)  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Dan Osterweil, MD  
UCLA Med Ctr  
10833 Le Conte Ave  
32-144 CHS  
Los Angeles, CA 90024-1687  
310 312-0530

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 151-05-21-005

### Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Kaiser Foundation Hospital (Anaheim)  
Long Beach Memorial Medical Center

*Program Director:*

Kaaren Douglas, MD  
UCI Medical Center  
101 City Drive S  
Route #81 Family Medicine  
Orange, CA 92668  
714 456-5530

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 151-05-21-086

### Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

Calvin Hirsch, MD  
University of California (Davis) Medical Center  
4301 X St  
Sacramento, CA 95817  
916 734-7004

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 151-05-21-006

### San Diego

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Joe W Ramsdell, MD  
UCSD Medical Center  
200 W Arbor Dr  
San Diego, CA 92103-8415  
619 543-6275

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 151-05-21-046

## San Francisco

#### University of California (San Francisco)/Mount Zion Program

University of California (San Francisco) School of Medicine  
Mount Zion Medical Center of the University of California

*Program Director:*

Jay Luxenberg, MD  
UCSF/Mount Zion  
1600 Divisadero  
San Francisco, CA 94115  
415 885-7574

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 151-05-31-007

## Stanford

#### Stanford University Program

Stanford University Hospital  
Veterans Affairs Medical Center (Livermore)  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Gerald M Reaven, MD  
Veterans Affairs Medical Center  
3801 Miranda Ave  
GRECC 182-B  
Palo Alto, CA 94304-1290  
415 493-5000

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 151-05-21-053

## Colorado

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Laurence J Robbins, MD  
VA Medical Center  
Geriatrics Section (111D)  
1055 Clermont St  
Denver, CO 80220  
303 393-2822

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 151-07-21-073

## Connecticut

### Farmington

#### University of Connecticut Program

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Richard W Besdine, MD  
University of Connecticut Health Center  
Travelers Center on Aging  
MC-5215  
Farmington, CT 06030-5215  
203 679-3956

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 151-08-31-008

## New Haven

#### Yale-New Haven Medical Center Program\*

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Leo M Cooney Jr, MD  
Yale University  
20 York St  
New Haven, CT 06504  
203 785-2204

*Length:* 2 Year(s)  
**Program ID:** 151-08-21-054

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Gary Simon, MD  
George Washington University Medical Center  
Dept of Medicine  
2150 Pennsylvania Ave NW #401  
Washington, DC 20037  
202 994-4717

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 151-10-21-055

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

George J Caranasos, MD  
University of Florida College of Medicine  
Box 100277  
J Hillis Miller Health Center  
Gainesville, FL 32610  
904 395-0651

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 151-11-21-009

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Miami Jewish Home and Hospital for the Aged  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Michael J Mintzer, MD  
ACOS for Geriatrics and Extended Care  
Miami VA Medical Center (11A)  
1201 NW 16th St  
Miami, FL 33125  
305 324-3204

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 151-11-21-010

\* Updated information not provided.

**Tampa****University of South Florida Program**

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Bruce E Robinson, MD  
University of South Florida College of Medicine  
12901 Bruce B Downs Blvd  
Tampa, FL 33612  
813 974-2460

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 151-11-21-011

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Veterans Affairs Medical Center (Atlanta)  
Wesley Woods Geriatric Hospital

*Program Director:*

J Lisa Tenover, MD PhD  
Emory University School of Medicine Dept of Medicine  
Wesley Woods Hospital  
1821 Clifton Rd NE  
Atlanta, GA 30329-5102  
404 728-6331

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 151-12-21-100

**Hawaii****Honolulu****University of Hawaii Program**

University of Hawaii John A Burns School of Medicine  
Kaiser Foundation Hospital (Moanalua)  
Kuakini Medical Center

*Program Director:*

Patricia L Blanchette, MD MPH  
John A Burns School of Medicine Geriatric Medicine  
347 N Kuakini St HPM 9  
Honolulu, HI 96817  
808 523-8461

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 151-14-21-047

**Idaho****Boise****University of Washington Program 2\***

Veterans Affairs Medical Center (Boise)  
St Luke's Regional Medical Center

*Program Director:*

Barry J Cusack, MD  
Robert E Vestal, MD  
VA Medical Center  
Medical Service (111)  
500 W Fort St  
Boise, ID 83702-4598  
208 338-7220

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 151-15-21-061

**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

James R Webster Jr, MD  
Division of Geriatrics R317  
Northwestern U Medical School  
303 E Chicago Ave  
Chicago, IL 60611-3008  
312 503-0500

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 151-16-21-079

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Thomas J Schnitzer, MD PhD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
425 JRB  
Chicago, IL 60612-3864  
312 942-8100

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 151-16-11-081

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

Martin Gorbien, MD  
University of Chicago  
5841 S Maryland Ave  
MC6098  
Chicago, IL 60637-1470  
312 702-3795

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 151-16-11-012

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Alvar Svanborg, MD PHD  
University of Illinois Hospital  
840 S Wood St M/C 787  
Chicago, IL 60612  
312 996-4750

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 151-16-21-091

**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Ileana Soneru, MD  
Lawrence LaPalo, MD  
Hines VA Hospital  
Extended Care & Geriatrics (181)  
Bldg 1 Rm C-124D  
Hines, IL 60141-5000  
708 216-2592

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 151-16-21-013

**North Chicago****Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School

Mount Sinai Hospital Medical Center of Chicago  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*

James A Tuohschmidt, MD  
University of Health Science/The Chicago Medical School  
Dept of Medicine  
3333 Green Bay Rd  
North Chicago, IL 60064-3095  
708 578-3291

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 151-16-21-014

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Jeffrey C Darnell, MD  
Indiana University School of Medicine  
Regenstrief Health Center  
1001 W Tenth St  
Indianapolis, IN 46202-2859  
317 630-6894

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 151-17-21-016

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Stephanie A Studenski, MD  
University of Kansas Medical Center  
Center on Aging  
3901 Rainbow Blvd  
Kansas City, KS 66160-7117  
913 588-1265

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 151-19-21-056

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center

*Program Director:*

Eugene C Rich, MD  
Sanders-Brown Center on Aging  
915 S Limestone  
Lexington, KY 40503-1048  
606 233-5550

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 151-20-21-087

\* Updated information not provided.

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*

Jesse Roth, MD  
John R. Burton MD  
Johns Hopkins Asthma and Allergy Center  
5501 Hopkins Bayview Circle  
Baltimore, MD 21224-2780  
410 550-1824

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 151-23-11-018

#### University of Maryland Program\*

University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Andrew P Goldberg, MD  
Baltimore VA Medical Center  
Geriatrics Service (18)  
10 N Greene St  
Baltimore, MD 21201  
410 467-9932

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 151-23-21-104

## Massachusetts

### Boston

#### Beth Israel Hospital Program

Beth Israel Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center

*Program Director:*

Jeanne Y Wei, MD PhD  
Harvard Medical School Division on Aging  
643 Huntington Ave  
Boston, MA 02115  
617 732-1840

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 151-24-21-019

#### Boston University Program

Boston University School of Medicine  
Boston University Medical Center-University Hospital  
Edith Nourse Rogers Memorial Veterans Hospital  
Jewish Memorial Hospital

*Program Director:*

Patricia P Barry, MD  
Boston University Medical Center  
720 Harrison Ave  
Ste 1101  
Boston, MA 02118  
617 638-8383

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 151-24-31-020

### Worcester

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center  
Boston University Medical Center-University Hospital  
Medical Center of Central Massachusetts

*Program Director:*

James E Fanale, MD  
Medical Center of Central Massachusetts  
119 Belmont St  
Worcester, MA 01605  
508 793-6293

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 151-24-21-022

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Jeffrey B Halter, MD  
University of Michigan Geriatrics Center  
300 N Ingalls St N3A00/0405  
Ann Arbor, MI 48109-0405  
313 763-4002

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 151-25-21-024

### Detroit

#### Wayne State University/Detroit Medical Center Program\*

Wayne State University School of Medicine  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Joel Steinberg, MD  
4201 St Antoine  
Detroit, MI 48201  
313 577-5030

*Length:* 2 Year(s)  
**Program ID:** 151-25-21-111

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
St Paul-Ramsey Medical Center  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Michael T Spilane, MD  
St Paul-Ramsey Medical Center  
640 Jackson St  
St Paul, MN 55101  
612 221-3242

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 151-26-21-026

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Darryl S Chutka, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-5126

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 151-26-21-085

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

John E Morley, MB BCH  
St Louis University Hospital  
M238  
1402 S Grand Blvd  
St Louis, MO 63104  
314 577-8462

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 151-28-21-095

#### Washington University Program

Jewish Hospital of St Louis  
Barnes Hospital

*Program Director:*

Stanley J Birge, MD  
Dept of Geriatric Medicine  
Jewish Hosp  
216 S Kingshighway Blvd  
St Louis, MO 63110  
314 454-8150

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 151-28-21-027

## Nebraska

### Omaha

#### University of Nebraska Program

University of Nebraska Medical Center

*Program Director:*

Jane F Potter, MD  
University of Nebraska Medical Center  
Univ Geriatric Ctr  
600 S 42nd St  
Omaha, NE 68198-5620  
402 559-7512

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 151-30-21-028

## New Jersey

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

*Program Director:*

Diana R DeCosimo, MD  
UMDNJ-University Hospital  
150 Bergen St  
Rm H-251  
Newark, NJ 07013  
201 982-5672

*Length:* 2 Year(s)  
**Program ID:** 151-33-21-103

\* Updated information not provided.

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Robert D Lindeman, MD  
Div of Geriatric Medicine Dept of Medicine  
UNM Hosp 5ACC  
Albuquerque, NM 87131-5271  
505 272-6082

*Length:* 2 Year(s)

*Program ID:* 151-34-21-093

**New York****Albany****Albany Medical Center Program\***

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Dean A Thompson, MD  
Medical Service (111I)  
Albany DVAMC  
113 Holland Ave  
Albany, NY 12208-3473  
518 462-3311

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 151-35-31-058

**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

Laurie G Jacobs, MD  
Montefiore Medical Center  
Div of Geriatric Medicine  
111 E 210th St  
Bronx, NY 10467  
718 920-6721

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 151-35-21-083

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

June I Chang, MD  
Div of Geriatrics  
VA Medical Center  
3495 Bailey Ave  
Buffalo, NY 14215  
716 862-3421

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 151-35-31-030

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Howard J Guzik, MD  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030  
516 562-8005

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 151-35-21-084

**Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital

*Program Director:*

Ronald D Adelman, MD  
Winthrop-University Hospital  
222 Station Plaza N  
Rm 330  
Mineola, NY 11501  
516 663-2588

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 151-35-21-088

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center

*Program Director:*

Conn J Foley, MD  
The Parker Jewish Geriatric Institute  
271-11 76th Ave  
New Hyde Park, NY 11040-1433  
718 343-2100

*Length:* 2 Year(s) *Total Positions:* 7

*Program ID:* 151-35-21-031

**New York****Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Myron Miller, MD  
Dept of Geriatrics & Adult Development Box 1070  
Mount Sinai Medical Center  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-5561

*Length:* 2 Year(s) *Total Positions:* 11

*Program ID:* 151-35-31-062

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Michael L Freedman, MD  
Bellevue Hospital Center  
Room 2-N-69  
First Ave & 27th St  
New York, NY 10016  
212 561-6380

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 151-35-21-101

**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Patricia A Bloom, MD  
St Luke's-Roosevelt Hospital Center  
Scrymser 1812  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-5934

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 151-35-21-094

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester  
Monroe Community Hospital  
Highland Hospital of Rochester  
Rochester General Hospital

*Program Director:*

Paul R Katz, MD  
Monroe Community Hospital  
435 E Henrietta Rd  
Rochester, NY 14620  
716 274-7100

*Length:* 2 Year(s) *Total Positions:*

*Program ID:* 151-35-31-105

**Staten Island****Staten Island University Hospital Program**

Staten Island University Hospital

*Program Director:*

Vincent Calamia, MD  
Staten Island University Hospital  
Dept of Medicine  
475 Seaview Ave  
Staten Island, NY 10305  
718 226-6346

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 151-35-21-110

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Suzanne D Fields, MD  
Dept of Medicine  
SUNY Stony Brook  
HSC-T-16-080  
Stony Brook, NY 11794-8163  
516 444-7840

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 151-35-22-109

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse

*Program Director:*

Sharon A Brangman, MD  
SUNY Health Science Center at Syracuse  
750 E Adams St  
Syracuse, NY 13210  
315 464-5167

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 151-35-21-097

\* Updated information not provided.



## Valhalla

### New York Medical College at St Vincent's Hospital and Medical Center of New York Program

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

Rosanne M Leipzig, MD PhD  
St Vincent's Hospital and Medical Center  
Dept of Medicine  
153 W 11th St NR 12-11  
New York, NY 10011  
212 604-2797

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 151-35-21-090

### New York Medical College at Westchester County Medical Center Program\*

New York Medical College  
Westchester County Medical Center

*Program Director:*

Krishan Gupta, MD  
New York Medical College  
Munger Pavilion Rm B06A  
Valhalla, NY 10595  
914 993-4373

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 151-35-11-032

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

Mark E Williams, MD  
UNC School of Medicine  
Program on Aging  
141 MacNider Bldg CB#7550  
Chapel Hill, NC 27599-7550  
919 966-5945

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 151-36-21-059

### Durham

#### Duke University Program

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Harvey J Cohen, MD  
Duke University Medical Center  
Box 3003  
Durham, NC 27710  
919 660-7502

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 151-36-21-033

### Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Walter H Ettinger Jr, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1051  
910 716-2390

*Length:* 2 Year(s) *Total Positions:* 24  
*Program ID:* 151-36-21-034

## Ohio

### Cleveland

#### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center

*Program Director:*

William E Crowe, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 450-3951

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 151-38-11-036

#### Case Western Reserve University Program

University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Jerome Kowal, MD  
Geriatric CARE Center  
12200 Fairhill Rd  
Cleveland, OH 44120  
216 844-7246

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 151-38-21-035

#### Cleveland Clinic Foundation/St Vincent Charity Hospital Program

Cleveland Clinic Foundation

*Program Director:*

Robert M Palmer, MD  
Cleveland Clinic Foundation  
Dept of Geriatric Medicine  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 151-38-12-037

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program\*

University of Oklahoma College of Medicine-Oklahoma City

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Marie A Bernard, MD  
PO Box 26901 4SP-120  
Oklahoma City, OK 73190  
405 271-7019

*Length:* 2 Year(s)  
*Program ID:* 151-39-21-112

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Mejinda Lee, MD  
Veterans Affairs Medical Center  
3710 SW US Veterans Hospital Rd  
PO Box 1034  
Portland, OR 97201  
503 273-5015

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 151-40-31-038

## Pennsylvania

### Philadelphia

#### Albert Einstein Medical Center Program

Albert Einstein Medical Center

*Program Director:*

Todd H Goldberg, MD  
Philadelphia Geriatric Center  
5301 Old York Rd  
Philadelphia, PA 19141  
215 456-2969

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 151-41-11-078

#### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital

*Program Director:*

Mary D Hofmann, MD  
Medical College of Pennsylvania  
3300 Henry Ave  
Geriatric Medicine  
Philadelphia, PA 19129  
215 878-1234

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 151-41-21-098

#### University of Pennsylvania Program\*

Hospital of the University of Pennsylvania  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Jerry Johnson, MD  
Hospital of The University of Pennsylvania  
Dept of Medicine Box 708  
3400 Spruce St  
Philadelphia, PA 19104  
215 898-1548

*Length:* 2 Year(s)  
*Program ID:* 151-41-21-060

### Pittsburgh

#### Shadyside Hospital Program

Shadyside Hospital

*Program Director:*

David C Martin, MD  
Shadyside Hospital  
5230 Centre Ave  
Pittsburgh, PA 15232  
412 623-2700

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 151-41-21-082

\* Updated information not provided.

**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

**Program Director:**

Paula Bonino, MD MPE  
Veterans Administration Medical Center 11A  
University Dr C  
Pittsburgh, PA 15240  
412 692-3066

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 151-41-21-077

**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
Hospital Dr Federico Trilla  
University Hospital  
Veterans Affairs Medical Center (San Juan)

**Program Director:**

Ivonne Jimenez, MD  
University of Puerto Rico Schl of Medicine  
Box 5067  
San Juan, PR 00936  
809 758-2525

*Length:* 2 Year(s)

**Program ID:** 151-42-21-089

**Tennessee****Johnson City****East Tennessee State University Program**

James H Quillen College of Medicine  
Veterans Affairs Medical Center (Mountain Home)

**Program Director:**

Ronald C Hamdy, MD  
East Tennessee State University  
Dept of Medicine  
PO Box 70622  
Johnson City, TN 37614-0622  
615 962-1171

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 151-47-21-039

**Memphis****University of Tennessee Program\***

University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

**Program Director:**

William B Applegate, MD  
1030 Jefferson Ave 11B  
Memphis, TN 38104  
901 577-7433

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 151-47-21-051

**Texas****Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

**Program Director:**

James S Goodwin, MD  
University of Texas Medical Branch  
Div of Geriatrics  
301 University Blvd  
Galveston, TX 77555-0460  
409 772-1987

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 151-48-21-106

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Veterans Affairs Medical Center (Houston)

**Program Director:**

George E Taffet, MD  
Baylor College of Medicine  
Huffington Center on Aging  
One Baylor Plaza M320  
Houston, TX 77030-3498  
713 798-5804

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 151-48-31-040

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

**Program Director:**

Michael S Katz, MD  
Audie L Murphy Memorial Veterans Hospital  
Int Med-Geriatric Medicine  
7400 Merton Minter Dr  
San Antonio, TX 78284  
210 617-5197

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 151-48-21-075

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

**Program Director:**

James P Buchanan, MD  
University of Utah Medical Center  
50 N Medical Dr 2C-454  
Salt Lake City, UT 84132-1001  
801 581-2628

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 151-49-21-052

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

**Program Director:**

Richard W Lindsay, MD  
University of Virginia Hospitals  
Dept of Internal Medicine  
Box 157  
Charlottesville, VA 22908  
804 924-5835

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 151-51-21-042

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

**Program Director:**

Thomas Mulligan, MD  
Geriatrics Medicine Section (181)  
VA Medical Center  
1201 Broad Rock Blvd  
Richmond, VA 23249  
804 230-1303

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 151-51-21-043

**Washington****Seattle****University of Washington Program 1**

University of Washington School of Medicine  
Harborview Medical Center  
Veterans Affairs Medical Center (Seattle)

**Program Director:**

Itamar B Abrass, MD  
Harborview Medical Center  
Medicine/Gerontology  
325 Ninth Ave ZA-87 (HH565)  
Seattle, WA 98104-2499  
206 223-3089

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 151-54-21-044

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center  
Veterans Affairs Medical Center (Tacoma)

**Program Director:**

Sharon Falzgraf, MD  
Madigan Army Medical Center  
Dept of Medicine  
Tacoma, WA 98431-5000  
206 582-8440

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 151-54-12-074

\* Updated information not provided.

## West Virginia

### Huntington

#### Marshall University School of Medicine Program

Marshall University School of Medicine  
Cabell Huntington Hospital  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*

Shirley M Neitch, MD  
Marshall University School of Medicine  
Dept of Internal Medicine  
1801 Sixth Ave  
Huntington, WV 25755-9410  
304 696-7237

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 151-55-21-096

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Molly Carnes, MD  
Wm S Middleton Memorial Veterans Hospital  
GRECC

2500 Overlook Terrace  
Madison, WI 53705  
608 262-7000

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 151-56-21-049

### Marshfield

#### University of Wisconsin (Marshfield) Program

Marshfield Clinic-St Joseph's Hospital

*Program Director:*

Robert E Phillips, MD  
Marshfield Clinic  
1000 N Oak Ave  
Marshfield, WI 54449  
715 387-5853

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 151-56-21-099

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center

*Program Director:*

Edmund H Duthie Jr, MD  
Medical College of Wisconsin  
Division of Geriatrics (111P)  
5000 W National Ave  
Milwaukee, WI 53295  
414 384-2000

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 151-56-31-048

#### University of Wisconsin (Milwaukee) Program

Sinai Samaritan Medical Center

*Program Director:*

Nirmala J Rozario, MD PhD  
Sinai Samaritan Medical Center  
PO Box 342  
Milwaukee, WI 53201-0342  
414 283-7887

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 151-56-21-076

## Hand Surgery (Orthopaedic Surgery)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital

*Program Director:*

John M Cuckler, MD  
University of Alabama Birmingham Medical Center  
Director of Orthopaedics  
1813 6th Ave S  
Birmingham, AL 35233-3295  
205 934-4668

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 263-01-20-018

## Arizona

### Phoenix

#### Maricopa Medical Center Program

Maricopa Medical Center

*Program Director:*

C A Luekens Jr, MD  
Maricopa Medical Center  
Div of Hand Surgery  
2601 E Roosevelt  
Phoenix, AZ 85008  
602 267-5402

*Length:* Year(s) *Total Positions:* 1

*Program ID:* 263-03-21-044

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
San Bernardino County Medical Center

*Program Director:*

Virchel E Wood, MD  
Loma Linda University Medical Center  
11234 Anderson St  
Rm A519  
Loma Linda, CA 92354  
909 824-4413

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 263-05-21-006

### Los Angeles

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center  
Veterans Affairs Medical Center (Sepulveda)

*Program Director:*

Neil F Jones, MD  
Univ of California Los Angeles School of Medicine  
Dept of Orthopaedic Surgery  
C/O Medical Education Section  
Los Angeles, CA 90024-6902  
310 825-6986

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 263-05-21-014

\* Updated information not provided.

**University of Southern California Program\***

Los Angeles County-USC Medical Center  
Joseph H Boyes Foundation

*Program Director:*  
Francis Shiller, MD  
LAC/USC Medical Center  
Dept of Orthopaedic Surgery  
1200 N State St G-8 Rm 3900  
Los Angeles, CA 90033  
213 226-7346

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-05-21-039

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*  
Robert M Szabo, MD  
University of California Davis Medical Center  
Dept of Orthopaedics  
2230 Stockton Blvd  
Sacramento, CA 95817-1419  
916 734-3678

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-05-21-023

**San Diego****Naval Medical Center (San Diego) Program\***

Naval Medical Center (San Diego)

*Program Director:*  
Gregory R Mack, MD  
Naval Hospital  
Dept of Orthopaedic Surgery  
San Diego, CA 92134-5000  
619 532-8426

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-05-21-050

**University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*  
Reid A Abrams, MD  
University of California San Diego Medical Center  
200 W Arbor Dr MCH 8894  
San Diego, CA 92103  
619 543-5555

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 263-05-31-024

**San Francisco****California Pacific Medical Center Program**

California Pacific Medical Center  
California Pacific Medical Center (Pacific Campus)  
San Francisco SurgiCentre

*Program Director:*  
Leonard Gordon, MD  
California Pacific Medical Center  
Hand & Microsurgery Lab  
2300 California St #300  
San Francisco, CA 94115  
415 923-0992

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-05-21-040

**University of California (San Francisco) Program**

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center

*Program Director:*  
Edward Diao, MD  
University of California San Francisco  
Hand and Microvascular Surgery Serv  
500 Parnassus Ave Rm MU328-W  
San Francisco, CA 94143-0728  
415 476-1167

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-05-21-019

**Stanford****Stanford University Program**

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*  
Amy L Ladd, MD  
Stanford University Medical Center  
Div of Hand Surgery  
300 Pasteur Dr R132  
Stanford, CA 94305  
415 723-3731

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-05-31-054

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
Newington Children's Hospital  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*  
H Kirk Watson, MD  
Connecticut Combined Hand Serv  
85 Seymour St Ste 816  
Hartford, CT 06106  
203 527-7161

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 263-08-21-030

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*  
Paul C Dell, MD  
University of Florida  
JHM Health Center Box 100246  
1600 SW Archer Rd  
Gainesville, FL 32610  
904 392-4251

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 263-11-21-011

**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
Elizabeth A Ouellette, MD  
University of Miami-Jackson School of Medicine  
Dept of Orthopaedics and Rehab  
PO Box 016960 (D-27)  
Miami, FL 33101  
305 585-7152

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 263-11-21-013

**Tampa****Tampa General Healthcare Program\***

Tampa General Healthcare  
Shriners Hospital for Crippled Children (Tampa)

*Program Director:*  
Thomas Greene, MD  
Florida Orthopaedic Institute  
Div of Hand Surgery  
4175 E Fowler Ave  
Tampa, FL 33617  
813 978-9700

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-11-21-043

**Illinois****Chicago****University of Chicago Program**

University of Chicago Hospitals

*Program Director:*  
Daniel P Mass, MD  
University of Chicago Medical Center  
Hand Surgery Service  
5841 S Maryland MC6032  
Chicago, IL 60637-1470  
312 702-6306

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 263-16-21-035

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana Hand Center  
Indiana University Medical Center

*Program Director:*  
Richard S Idler, MD  
The Indiana Hand Center  
8501 Harcourt Rd  
Indianapolis, IN 46260  
317 875-9105

*Length:* 1 Year(s) *Total Positions:* 6  
**Program ID:** 263-17-21-041

\* Updated information not provided.

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Curtis M Steyers, MD  
University of Iowa  
Dept of Orthopaedic Surgery  
Iowa City, IA 52242-1009  
319 356-3943

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 263-18-21-009

## Massachusetts

### Boston

#### Harvard Medical School (Massachusetts General) Program\*

Massachusetts General Hospital

*Program Director:*

Richard H Gelberman, MD  
Massachusetts General Hospital  
Dept of Hand Surgery Serv  
15 Parkman St  
Boston, MA 02114  
617 726-2946

*Length:* 1 Year(s)

*Program ID:* 263-24-21-057

#### Harvard Medical School Program

Brigham and Women's Hospital  
Beth Israel Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center  
Children's Hospital

*Program Director:*

Barry P Simmons, MD  
Brigham and Women's Hospital  
Dept of Orthopedic Surgery  
75 Francis St  
Boston, MA 02215-6195  
617 732-5978

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 263-24-21-034

#### Tufts University Program

New England Medical Center Hospitals  
New England Baptist Hospital  
Newton-Wellesley Hospital

*Program Director:*

Leonard K Ruby, MD  
New England Medical Center  
750 Washington St Box 26  
Boston, MA 02111  
617 856-5155

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 263-24-21-029

## Michigan

### Grand Rapids

#### Blodgett Memorial Medical Center Program

Blodgett Memorial Medical Center  
Butterworth Hospital

*Program Director:*

Alfred B Swanson, MD  
Blodgett Memorial Medical Center  
Dept of Orthopaedic Surgery  
1900 Wealthy St SE Ste 290  
Grand Rapids, MI 49506  
616 774-7426

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 263-25-21-058

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Methodist Hospital  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

James H House, MD  
Matthew D Putnam, MD  
University of Minnesota Health Center  
Dept of Orthopaedic Surgery  
420 Delaware St SE PO Box 492  
Minneapolis, MN 55455  
612 625-1177

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 263-26-21-037

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Robert D Beckenbaugh, MD  
Mayo Graduate School of Medicine  
MGSM Application Processing Center  
200 First St SW  
Rochester, MN 55905  
507 284-4331

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 263-26-21-007

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

Alan E Freeland, MD  
University of Mississippi Medical Center  
Dept of Orthopaedic Surgery  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5155

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 263-27-21-032

## Missouri

### St Louis

#### Washington University Program

Barnes Hospital

*Program Director:*

Paul R Manske, MD  
Barnes Hospital  
One Barnes Hospital Plaza  
Ste 11300  
St Louis, MO 63110  
314 362-4080

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 263-28-21-003

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Moheb S Moneim, MD  
University of New Mexico Health Sciences Center  
915 Camino de Salud NE  
Department of Orthopaedics  
Albuquerque, NM 87131-5296  
505 272-4107

*Length:* 1 Year(s) *Total Positions:* 22

*Program ID:* 263-34-21-027

## New York

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Erie County Medical Center  
Millard Fillmore Hospitals

*Program Director:*

Clayton A Peimer, MD  
Millard Fillmore Hospital  
3 Gates Circle  
Buffalo, NY 14209  
716 887-4595

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 263-35-21-012

### New York

#### Columbia University Program

Presbyterian Hospital in the City of New York

*Program Director:*

S Ashby Grantham, MD  
New York Orthopaedic Hospital  
161 Ft Washington Ave  
Rm 248  
New York, NY 10032  
212 305-5974

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 263-35-31-008

\* Updated information not provided.

**Hospital for Joint Diseases Orthopaedic Institute Program\***

Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Martin A Posner, MD  
Hospital for Joint Diseases Orthopaedic Institute  
Dept of Hand Serv  
2 E 88th St  
New York, NY 10128  
212 248-6644

*Length:* 1 Year(s)**Program ID: 263-35-21-047****Hospital for Special Surgery/Cornell Medical Center Program**

Hospital for Special Surgery  
New York Hospital  
St Luke's-Roosevelt Hospital Center

*Program Director:*

Robert N Hotchkiss, MD  
Director of Hand Surgery  
Hospital for Special Surgery  
535 E 70th St  
New York, NY 10021  
212 606-1964

*Length:* 1 Year(s)**Program ID: 263-35-21-017****St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division

*Program Director:*

Richard G Eaton, MD  
St Luke's-Roosevelt Hospital Center  
CV Starr Hand Surgery Center  
1000 Tenth Ave  
New York, NY 10019  
212 523-7590

*Length:* 1 Year(s) *Total Positions:* 2**Program ID: 263-35-21-055****Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Richard I Burton, MD  
R Christie Wray, MD  
University of Rochester Medical Center  
601 Elmwood Ave  
Box 665  
Rochester, NY 14642  
716 275-5167

*Length:* 1 Year(s) *Total Positions:* 2**Program ID: 263-35-21-010****Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

*Program Director:*

Lawrence C Hurst, MD  
SUNY Stony Brook  
Div of Hand Surgery  
HSCT-18  
Stony Brook, NY 11794-8181  
516 444-8061

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 263-35-31-026****Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

Crouse-Irving Memorial Hospital

*Program Director:*

David G Murray, MD  
560 Harrison Ctr  
Syracuse, NY 13202  
315 472-2015

*Length:* 1 Year(s) *Total Positions:* 2**Program ID: 263-35-21-021****North Carolina****Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

James R Urbaniak, MD  
Duke University Medical Center  
PO Box 2912  
Orthopaedic & Hand Surgery  
Durham, NC 27710  
919 684-3170

*Length:* 1 Year(s) *Total Positions:* 3**Program ID: 263-36-21-022****Ohio****Cincinnati****University of Cincinnati Hospital Group Program**University of Cincinnati Hospital  
Bethesda Hospital Inc*Program Director:*

Peter J Stern, MD  
Mary S Stern Hand Surgery Foundation  
2800 Winslow Ave Ste 401  
Cincinnati, OH 45206  
513 961-4263

*Length:* 1 Year(s) *Total Positions:* 2**Program ID: 263-38-21-015****Cleveland****Cleveland Combined Hand Fellowship Program**Cleveland Clinic Foundation  
MetroHealth Medical Center  
University Hospitals of Cleveland*Program Director:*

Stephen Lacey, MD  
Earl Fleegler, MD  
Cleveland Combined Hand Fellowship  
P.O. Box 1969-169  
Cleveland, OH 44195  
216 444-2615

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 263-38-21-045****Columbus****Ohio State University Program**Ohio State University Medical Center  
Children's Hospital  
Riverside Methodist Hospitals*Program Director:*

Carl Richard Coleman, MD  
Riverside Methodist Hospital  
Med Educ Dept  
3535 Olentangy River Rd  
Columbus, OH 43214  
614 566-5426

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 263-38-21-005****Oklahoma****Oklahoma City****Baptist Medical Center Program**Baptist Medical Center of Oklahoma  
HCA Presbyterian Hospital  
University Hospital and Clinics*Program Director:*

Ghazi M Rayan, MD  
Physicians Building "D"  
Ste 700  
3366 NW Expressway  
Oklahoma City, OK 73112  
405 945-4888

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 263-39-21-049****Pennsylvania****Philadelphia****Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Lawrence H Schneider, MD  
Div Hand Surgery Dept of Orthopaedic Surgery  
The Philadelphia Hand Center PC  
901 Walnut St  
Philadelphia, PA 19107  
215 629-0980

*Length:* 1 Year(s) *Total Positions:* 4**Program ID: 263-41-21-001****University of Pennsylvania Program**Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Mercy Catholic Medical Center-Fitzgerald Mercy Division*Program Director:*

F William Bora Jr, MD  
Hospital of the University of Pennsylvania  
Penn Hand Specialist  
8 Penn Tower  
Philadelphia, PA 19104-4385  
215 662-3350

*Length:* 1 Year(s) *Total Positions:* 3**Program ID: 263-41-21-004**

\* Updated information not provided.

## Pittsburgh

### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Joseph E Imbriglia, MD

Allegheny General Hosp

Dept of Orthopaedic Surgery

320 E North Ave

Pittsburgh, PA 15212

412 321-1035

*Length:* 1 Year(s) *Total Positions:* 3

**Program ID:** 263-41-21-031

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh

Children's Hospital of Pittsburgh

Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

James H Herndon, MD

University of Pittsburgh School of Medicine

Liliane Kaufmann Bldg Ste 1010

3471 Fifth Ave

Pittsburgh, PA 15213

412 687-3900

*Length:* 1 Year(s)

**Program ID:** 263-41-21-051

## Tennessee

## Memphis

### University of Tennessee Program

University of Tennessee College of Medicine

Campbell Foundation-University of Tennessee

*Program Director:*

Phillip E Wright II, MD

University of Tennessee Campbell Clinic

Dept of Ortho & Hand Surgery

869 Madison Ave

Memphis, TN 38103-3433

901 759-3274

*Length:* 1 Year(s)

**Program ID:** 263-47-21-046

## Texas

## Houston

### Baylor College of Medicine Program

Baylor College of Medicine

Harris County Hospital District-Ben Taub General

Hospital

Methodist Hospital

Veterans Affairs Medical Center (Houston)

*Program Director:*

James B Bennett, MD

Baylor College of Medicine

Dept of Orthopaedic Surgery

6550 Fannin Ste 2625

Houston, TX 77030

713 790-3711

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 263-48-31-002

## San Antonio

### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio

St Luke's Lutheran Hospital

University Hospital-South Texas Medical Center

*Program Director:*

David P Green, MD

The Hand Center of San Antonio

Ortho-Hand Surgery

7940 Floyd Curl Dr #900

San Antonio, TX 78229

210 614-7025

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 263-48-21-025

## Utah

## Salt Lake City

### University of Utah Program

University of Utah Medical Center

*Program Director:*

Graham D Lister, MD

Primary Children's Medical Center

100 N Medical Dr

Ste 4500

Salt Lake City, UT 84113-9901

801 588-3980

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 263-49-21-048

## Washington

## Seattle

### University of Washington Program

University of Washington School of Medicine

Harborview Medical Center

University of Washington Medical Center

*Program Director:*

Thomas Trumble, MD

University of Washington Medical Center

Dept of Orthopaedics RK-10

Seattle, WA 98195

206 543-3690

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 263-54-21-033

# Hand Surgery (Plastic Surgery)

## California

## Pasadena

### University of Southern California Program

Southern California Kaiser Permanente Medical Group

Kaiser Foundation Hospital (West Los Angeles)

Kaiser Foundation Hospital (Los Angeles)

Kaiser Foundation Hospital (Woodland Hills)

Los Angeles County-USC Medical Center

*Program Director:*

Bradford W Edgerton, MD

Dept of Plastic Surgery/Kaiser Permanente Medical

Center

West Los Angeles

6041 Cadillac Ave

Los Angeles, CA 90034

213 857-2768

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 363-05-21-014

## San Francisco

### University of California (San Francisco) Program

University of California (San Francisco) School of

Medicine

Davies Medical Center

University of California (San Francisco) Medical Center

*Program Director:*

Harry J Buncke, MD

Microsurgical Replantation-Transportation

Davies Medical Center

45 Castro St 140 N

San Francisco, CA 94114

415 565-6136

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID:** 363-05-31-017

## Illinois

## Chicago

### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Robert R Schenck, MD

Rush-Presbyterian-St Luke's Medical Center

1725 W Harrison St

Ste 263

Chicago, IL 60612-3824

312 733-3426

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 363-16-21-003

\* Updated information not provided.

**Kansas****Kansas City****University of Kansas Medical Center Program\***

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Lynn D Ketchum, MD  
Fred M Wood, MD  
12301 W 106th St  
Overland Park, KS 66251  
913 492-3737

*Length:* Year(s)**Program ID: 363-19-21-021****Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Doctors Hospital of Jefferson  
East Jefferson General Hospital  
Medical Center of Louisiana at New Orleans-LSU Division  
Southern Baptist Hospital

*Program Director:*

Robert J Allen, MD  
Louisiana State University Medical Center Dept of  
Surgery

Section of Plastic Surgery  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-7638

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 363-21-21-006****Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital  
Cambridge Hospital  
Mount Auburn Hospital

*Program Director:*

Joseph Upton, MD  
830 Boylston St  
Ste 212  
Chestnut Hill, MA 02167  
617 739-1972

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 363-24-31-012****Brigham and Women's Hospital/Children's Hospital Program**

Brigham and Women's Hospital  
Children's Hospital

*Program Director:*

Julian T Pribaz, MD  
Brigham and Women's Hospital  
Div of Plastic Surgery  
75 Francis St  
Boston, MA 02115  
617 732-6390

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 363-24-21-011****Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*

James W May, MD  
Massachusetts General Hospital  
15 Parkman St  
Suite 453  
Boston, MA 02114  
617 726-8220

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 363-24-21-001****Michigan****Detroit****Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Harper Hospital

*Program Director:*

Mehul M Mehta, MB MS  
Dept of Surgery  
Harper Hosp  
3990 John Rd  
Detroit, MI 48201  
313 746-8773

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 363-25-21-020****Missouri****St Louis****Washington University Program**

Washington University School of Medicine  
Barnes Hospital

*Program Director:*

Paul M Weeks, MD  
One Barnes Hospital Plaza  
Ste 17424  
St Louis, MO 63110  
314 362-4585

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 363-28-21-005****New York****New York****New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*

Robert W Beasley, MD  
Institute of Reconstructive Plastic Surgery  
New York University Medical Center,  
550 First Ave  
New York, NY 10016  
212 263-6684

*Length:* 1 Year(s) *Total Positions:* 2**Program ID: 363-35-21-010****Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

David T Chiu, MD  
Columbia-Presbyterian Medical Center  
622 W 168th St  
New York, NY 10032  
212 305-5868

*Length:* 1 Year(s) *Total Positions:* 1**Program ID: 363-35-31-015****Ohio****Toledo****Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Hospital

*Program Director:*

George J Baibak, MD  
Div of Plastic & Reconstructive Surgery  
Medical College of Ohio at Toledo  
2213 Cherry St  
Toledo, OH 43608  
419 321-4613

*Length:* 1 Year(s) *Total Positions:* 2**Program ID: 363-38-21-019****Oregon****Portland****Oregon Health Sciences University Program\***

Oregon Health Sciences University Hospital  
Shriners Hospital for Crippled Children (Portland)  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Alan E Seyfer, MD  
Div of Plastic & Reconstructive Surgery  
Oregon Health Sciences University  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201  
503 494-7824

*Length:* 1 Year(s)**Program ID: 363-40-21-018****Pennsylvania****Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Kenneth C Shestak, MD  
University of Pittsburgh  
Div of Plastic Surgery  
667 Scaife Hall  
Pittsburgh, PA 15261  
412 641-4828

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)**Program ID: 363-41-21-016**

\* Updated information not provided.



## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

Texas Scottish Rite Hospital for Children

*Program Director:*

Harry H Orenstein, MD

Marybeth Ezaki, MD

University of Texas Southwestern Medical Center

Div of Plastic Surgery

5323 Harry Hines Blvd

Dallas, TX 75235-9132

214 648-3661

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 363-48-21-004

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine

Harris County Hospital District-Ben Taub General Hospital

St Luke's Episcopal Hospital

Veterans Affairs Medical Center (Houston)

*Program Director:*

Fred B Kessler, MD

St Luke's and Texas Children's Hospitals

6624 Fannin #2730

Houston, TX 77030

713 795-4950

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 363-48-31-008

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Raymond F Morgan, MD

University of Virginia Health Sciences Center

Dept of Plastic Surgery

PO Box 376

Charlottesville, VA 22908

804 924-1234

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 363-51-21-013

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

Children's Hospital of Wisconsin

Froedtert Memorial Lutheran Hospital

John L Doyne Hospital

*Program Director:*

Hani S Matloub, MD

Medical College of Wisconsin Dept of Plastic Surgery

MCW Clinics at Froedtert

9200 W Wisconsin Ave

Milwaukee, WI 53226-3596

414 454-5477

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 363-56-21-007

## Hand Surgery (Surgery-General)

## Kentucky

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine

Jewish Hospital

*Program Director:*

Thomas W Wolff, MD

225 Abraham Flexner Way

One Medical Center Plaza Ste 850

Louisville, KY 40202

502 562-0312

*Length:* 1 Year(s) *Total Positions:* 33

*Program ID:* 443-20-21-003

## Maryland

### Baltimore

#### Union Memorial Hospital Program

Union Memorial Hospital

*Program Director:*

E F Shaw Wilgis, MD

The Union Memorial Hospital

Raymond M Curtis Hand Center

201 E University Pkwy

Baltimore, MD 21218

410 554-2770

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 443-23-21-001

## Hematology (Internal Medicine)

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine

John L McClellan Memorial Veterans Hospital

University Hospital of Arkansas

*Program Director:*

Susan C Guba, MD

Arthur Haut, MD

University of Arkansas for Medical Sciences

4301 W Markham

Slot 508

Little Rock, AR 72205-7199

501 686-5222

*Length:* 2 Year(s) *Total Positions:* 13

*Program ID:* 145-04-21-096

## California

### La Jolla

#### Scripps Clinic and Research Foundation Program

Scripps Clinic and Research Foundation

*Program Director:*

Michael P Kosty, MD

Dept of Graduate Medical Education 403C

Scripps Clinic & Research Fnd

10666 N Torrey Pines Rd

La Jolla, CA 92037-1093

619 554-8582

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 145-05-21-062

### Los Angeles

#### UCLA Medical Center Program

UCLA School of Medicine

UCLA Medical Center

*Program Director:*

Robert A Figlin, MD

UCLA Schl of Med

Ctr for the Hlth Sci

Los Angeles, CA 90024-1736

213 825-5788

*Length:* 2 Year(s) *Total Positions:* 17

*Program ID:* 145-05-11-112

#### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Alexandra Levine, MD

University of Southern California School of Medicine

Norris Cancer Hospital

1441 Eastlake Ave Rm 801

Los Angeles, CA 90033

213 224-6412

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 145-05-21-046

\* Updated information not provided.

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Nora Ku, MD  
UCI Medical Center  
Div of Hematology/Oncology  
101 City Dr  
Orange, CA 92668-8110  
714 456-5152

*Length: 2 Year(s) Total Positions: 6***Program ID: 145-05-21-130****San Francisco****University of California (San Francisco) Program\***

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Marc Shuman, MD  
UCSF Cancer Research Institute  
505 Parnassus Box 0128  
San Francisco, CA 94143  
415 476-6700

*Length: 2 Year(s)***Program ID: 145-05-21-132****Stanford****Stanford University Program\***

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Stanley L Schrier, MD  
Stanford University Medical Center  
Div of Hematology Rm S161  
Stanford, CA 94305-5112  
415 723-5007

*Length: 2 Year(s) Total Positions: 9***Program ID: 145-05-21-020****Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Kouichi R Tanaka, MD  
Los Angeles County-Harbor-UCLA Medical Center  
1000 W Carson St Box 400  
Torrance, CA 90509-2910  
310 222-2404

*Length: 2 Year(s) Total Positions: 1***Program ID: 145-05-11-151****Colorado****Denver****University of Colorado Program\***

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Catherine E Klein, MD  
University of Colorado Medical Center  
4200 E Ninth Ave  
Box B-177  
Denver, CO 80262  
303 270-8801

*Length: 2 Year(s)***Program ID: 145-07-21-056****Connecticut****New Haven****Yale-New Haven Medical Center Program\***

Yale-New Haven Hospital

*Program Director:*

Edward J Benz Jr, MD  
Yale University School of Medicine Dept of Int Med  
Hematology Section WWW 403  
333 Cedar St  
New Haven, CT 06510-8056  
203 785-4144

*Length: 2 Year(s) Total Positions: 7***Program ID: 145-08-21-021****District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
George Washington University Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Catherine M Broome, MD  
George Washington Univ Hospital Dept of Medicine  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-4200

*Length: 2 Year(s) Total Positions: 5***Program ID: 145-10-21-099****Georgetown University Program**

Georgetown University Hospital

*Program Director:*

Edward P Gellmann, MD  
Georgetown University Hospital  
Div of Hematology/Oncology  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 687-2198

*Length: 2 Year(s) Total Positions: 4***Program ID: 145-10-21-078****Howard University Program\***

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

Elliott Perlin, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Ste 6B-08  
Washington, DC 20060  
202 865-1511

*Length: 2 Year(s) Total Positions: 2***Program ID: 145-10-21-114****Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Craig S Kitchens, MD  
Roy S Weiner, MD  
University of Florida Dept of Medicine  
1600 SW Archer Rd  
Box 100277 JHMHC  
Gainesville, FL 32610  
904 392-3301

*Length: 2 Year(s) Total Positions: 2***Program ID: 145-11-21-035****Illinois****Chicago****Cook County Hospital Program\***

Cook County Hospital

*Program Director:*

Ashok R Patel, MD  
Cook County Hospital  
1825 W Harrison  
Chicago, IL 60612

*Length: 2 Year(s)***Program ID: 145-16-12-037****Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Walter Fried, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Section of Hematology  
Chicago, IL 60612-3864  
312 942-2354

*Length: 2 Year(s) Total Positions: 2***Program ID: 145-16-11-118****Evanston****St Francis Hospital of Evanston Program**

St Francis Hospital of Evanston  
Northwestern Memorial Hospital

*Program Director:*

Thomas N Gynn, MD  
St Francis Hospital of Evanston  
355 Ridge Ave  
Evanston, IL 60202  
708 492-6227

*Length: 2 Year(s) Total Positions: 3***Program ID: 145-16-11-153**

\* Updated information not provided.

## Maywood

### Loyola University Program\*

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Kenneth C Micetich, MD  
Loyola University Stritch School of Medicine  
Section of Hematology/Oncology  
2160 S First Ave  
Maywood, IL 60153  
708 216-5011

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 145-16-21-003

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

David C Bodensteiner, MD  
University of Kansas Medical Center  
Hematology Div  
3901 Rainbow Blvd  
Kansas City, KS 66160-7233  
913 588-6077

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 145-19-21-100

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

William J John, MD  
University Hospital-Albert B Chandler Medical Center  
Hematology/Oncology  
Markey Cancer Ctr  
Lexington, KY 40536-0084  
606 257-4500

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 145-20-21-154

## Louisiana

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus

*Program Director:*

Robert Veith, MD  
LSU Med Ctr  
1542 Tulane Ave  
New Orleans, LA 70112  
504 568-5843

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 145-21-21-173

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Chi V Dang, MD/PhD  
Johns Hopkins University School of Medicine  
Dept of Medicine  
Baltimore, MD 21205-2196  
410 955-2773

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 145-23-11-064

### Bethesda

#### National Institutes of Health Clinical Center Program

NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Cynthia E Dunbar, MD  
Clinical Hematology Branch Natl Heart Lung and Blood Inst  
9000 Rockville Pike  
Bldg 10 Rm 7C103  
Bethesda, MD 20892  
301 496-5093

*Length:* 2 Year(s) *Total Positions:* 15  
**Program ID:** 145-23-21-177

#### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)

*Program Director:*

John C Phares, MD  
National Naval Medical Center  
Dept of Medicine  
Bethesda, MD 20889-5600  
301 295-1160

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 145-23-11-134

## Massachusetts

### Boston

#### Brigham and Women's Hospital Program

Brigham and Women's Hospital

*Program Director:*

Robert I Handin, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-5840

*Length:* 2 Year(s) *Total Positions:* 21  
**Program ID:** 145-24-21-005

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Irene Kuter, MD PhD  
Massachusetts General Hospital  
100 Blossom St  
Cox Bldg 235  
Boston, MA 02114  
617 726-8743

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 145-24-11-057

## St Elizabeth's Medical Center of Boston Program

St Elizabeth's Medical Center of Boston

*Program Director:*

Jiri Palek, MD  
St. Elizabeth's Medical Center  
736 Cambridge St  
Boston, MA 02135  
617 789-2660

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 145-24-21-048

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Kemp B Cease, MD  
University of Michigan Medical Center  
102 Observatory  
Ann Arbor, MI 48109-0724  
313 936-5310

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 145-25-21-067

### East Lansing

#### Michigan State University Program

Michigan State University College of Human Medicine  
St Lawrence Hospital and HealthCare Services

*Program Director:*

Kenneth A Schwartz, MD  
Michigan State University Hospitals  
B 226 B Life Science Bldg  
Dept of Medicine  
East Lansing, MI 48824  
517 353-3728

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 145-25-21-068

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Joe C Files, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5615

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 145-27-21-171

\* Updated information not provided.

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Michael Perry, MD  
University of Missouri Health Sciences Center  
Ellis Fischell Cancer Center  
115 Business Loop 70 W  
Columbia, MO 65203-3299  
314 882-6163

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 145-28-21-069

**New Jersey****Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

*Program Director:*

Pedro Gascon, MD PhD  
UMDNJ-University Hospital  
185 S Orange Ave MSB-E583  
Newark, NJ 07103  
201 982-5257

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 145-33-21-167

**South Orange****Seton Hall University School of Graduate Medical Education Program\***

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center  
St Michael's Medical Center (Cathedral Health Services Inc)

*Program Director:*

Arnold Rubin, MD  
St Michael's Medical Center  
Blood Research Institute MS #12  
268 King Blvd  
Newark, NJ 07102  
201 877-5340

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 145-33-11-138

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Laurence Elias, MD  
UNM Cancer Research & Treatment Center  
900 Camino de Salud NE  
Albuquerque, NM 87131-5636  
505 277-5837

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 145-34-21-159

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital

*Program Director:*

Peter T Burkart, MD  
Albany Medical College  
Div of Hematology (A-52)  
47 New Scotland Ave  
Albany, NY 12208  
518 262-5355

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 145-35-31-026

**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses Division

*Program Director:*

Shirley P Levine, MD  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467  
718 920-7388

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 145-35-21-089

**Brooklyn****Brooklyn Hospital Center Program**

Brooklyn Hospital Center  
Woodhull Medical and Mental Health Center

*Program Director:*

Angela B Mioti, MD  
The Brooklyn Hospital Center  
Div of Hematology/Oncology  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 250-6960

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 145-35-12-161

**Coney Island Hospital Program**

Coney Island Hospital

*Program Director:*

Joel M Schwartz, MD  
Coney Island Hospital  
2601 Ocean Pkwy Rm 9N8  
Brooklyn, NY 11235  
718 615-4782

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 145-35-11-149

**Interfaith Medical Center Program**

Interfaith Medical Center

*Program Director:*

Richard S Stark, MD  
Interfaith Medical Center  
565 Prospect Pl  
Brooklyn, NY 11238  
718 935-7870

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 145-35-21-128

**Long Island College Hospital Program\***

Long Island College Hospital

*Program Director:*

Frank W Di Pillo, MD  
Long Island College Hospital  
340 Henry St  
Brooklyn, NY 11201  
718 780-1524

*Length:* 2 Year(s)

**Program ID:** 145-35-11-050

**New York Methodist Hospital Program**

New York Methodist Hospital

*Program Director:*

Adolfo Elizalde, MD  
The Methodist Hosp  
506 Sixth St  
Brooklyn, NY 11215  
718 780-3246

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 145-35-11-122

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\***

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Gerald L Logue, MD  
VA Medical Center  
Div of Hematology  
3495 Bailey Ave  
Buffalo, NY 14215  
716 862-3609

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 145-35-31-008

**East Meadow****SUNY at Stony Brook (East Meadow) Program**

Nassau County Medical Center

*Program Director:*

Stephen Feffer, MD  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-4713

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 145-35-21-084

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Vincent Vinciguerra, MD  
North Shore University Hospital  
Dept of Medicine  
300 Community Dr  
Manhasset, NY 11030-3800  
516 562-8955

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 145-35-21-147

\* Updated information not provided.

## New York

### New York Hospital/Cornell Medical Center Program

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Dean Bajorin, MD

Memorial Sloan-Kettering Cancer Center

1275 York Ave

New York, NY 10021

212 639-5809

*Length:* 2 Year(s)

*Program ID:* 145-35-21-155

### New York University Medical Center Program

New York University Medical Center

Bellevue Hospital Center

*Program Director:*

Simon Karpatkin, MD

New York University Medical Center

550 First Ave

New York, NY 10016

212 263-5609

*Length:* 2 Year(s) *Total Positions:* 11

*Program ID:* 145-35-21-104

### St Luke's-Roosevelt Hospital Center (Roosevelt) Program

St Luke's-Roosevelt Hospital Center

St Luke's-Roosevelt Hospital Center-Roosevelt Division

*Program Director:*

Harvey J Weiss, MD

St Luke's-Roosevelt Hospital Center

1000 Tenth Ave

New York, NY 10019

212 523-7281

*Length:* 2 Year(s)

*Program ID:* 145-35-11-091

### St Luke's-Roosevelt Hospital Center (St Luke's) Program

St Luke's-Roosevelt Hospital Center

St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

John F Bertles, MD

St Luke's-Roosevelt Hospital Center-St Luke's Division

Amsterdam Ave & 114th St

New York, NY 10025

212 523-2330

*Length:* 2 Year(s)

*Program ID:* 145-35-21-160

## Rochester

### University of Rochester Program\*

Strong Memorial Hospital of the University of Rochester

Rochester General Hospital

*Program Director:*

Victor J Marder, MD

University of Rochester

601 Elmwood Ave

PO Box 610

Rochester, NY 14642

716 275-3761

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 145-35-11-164

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at Syracuse

Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Jonathan Wright, MD

Dept of Medicine

SUNY Health Science Center

750 E Adams St

Syracuse, NY 13210

315 464-4353

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 145-35-21-092

## Valhalla

### New York Medical College at Westchester County Medical Center Program

New York Medical College

Lincoln Medical and Mental Health Center

Metropolitan Hospital Center

Our Lady of Mercy Medical Center

St Vincent's Medical Center of Richmond

Westchester County Medical Center

*Program Director:*

Robert G Lerner, MD

New York Medical College

Dept of Medicine

Div of Hematology

Valhalla, NY 10595

914 285-8353

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 145-35-11-011

## Ohio

## Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Louis E Schroder, MD

Barrett Cancer Center/University Hospital

234 Goodman Ave

Cincinnati, OH 45267-0501

513 558-3830

*Length:* 2 Year(s) *Total Positions:* 7

*Program ID:* 145-38-21-071

## Cleveland

### Case Western Reserve University Program

University Hospitals of Cleveland

MetroHealth Medical Center

*Program Director:*

Clark W Distelhorst, MD

Case Western Reserve University

Hematology/Oncology Division

10900 Euclid Ave (BRB)

Cleveland, OH 44106-4937

216 368-1176

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 145-38-21-142

## Oregon

## Portland

### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Gerald M Segal, MD

Oregon Health Sciences University L580

3181 SW Sam Jackson Park Rd

Portland, OR 97201-3098

503 494-8534

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 145-40-31-165

## Pennsylvania

## Philadelphia

### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital

*Program Director:*

Rosaline R Joseph, MD

Medical College of Pennsylvania Hospital

3300 Henry Ave

Philadelphia, PA 19129

215 842-6980

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 145-41-21-105

### Presbyterian Medical Center of Philadelphia Program

Presbyterian Medical Center of Philadelphia

*Program Director:*

Rene Rothstein-Rubin, MD

Presbyterian Medical Center of Philadelphia

51 N 39th St

Philadelphia, PA 19104-2640

215 662-3947

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 145-41-21-176

### Temple University Program

Temple University Hospital

Fox Chase Cancer Center

*Program Director:*

Robert W Colman, MD

Temple University School of Medicine

Thrombosis Research Center

3400 N Broad St

Philadelphia, PA 19140

215 707-4665

*Length:* 2 Year(s) *Total Positions:* 16

*Program ID:* 145-41-21-030

### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Sandor S Shapiro, MD

Cardeza Foundation for Hematologic Research

Division of Hematology

1015 Walnut St

Philadelphia, PA 19107-5099

215 955-7786

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 145-41-21-031

\* Updated information not provided.

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania

*Program Director:*

Stephen G Emerson, MD  
Hematology-Oncology Div  
University of Pennsylvania  
1013 BRB1 422 Curie Blvd  
Philadelphia, PA 19104-6100  
215 662-3910

*Length:* 2 Year(s) *Total Positions:* 13**Program ID:** 145-41-21-019**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

David C Smith, MD  
Montefiore University Hospital  
200 Lothrop Street 7 Main N  
Pittsburgh, PA 15213  
412 648-6576

*Length:* 2 Year(s) *Total Positions:* 18**Program ID:** 145-41-21-040**Western Pennsylvania Hospital Program**

Western Pennsylvania Hospital

*Program Director:*

Richard K Shaddock, MD  
Western Pennsylvania Cancer Institute  
4800 Friendship Ave  
Pittsburgh, PA 15224  
412 578-4087

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 145-41-21-179**Puerto Rico****Rio Piedras****San Juan City Hospital Program\***

San Juan City Hospital  
University Hospital Ramon Ruiz Arnau  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Luis Baez, MD  
San Juan Municipal Hospital Dept of Medicine  
PO Box 21405  
Rio Piedras, PR 00928  
809 758-7348

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 145-42-11-086**San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Enrique Velez-Garcia, MD  
University Hospital Puerto Rico Medical Center  
Box 5067  
San Juan, PR 00935  
809 754-3896

*Length:* 2 Year(s)**Program ID:** 145-42-21-107**Rhode Island****Providence****Brown University (Roger Williams) Program**

Roger Williams Medical Center  
Memorial Hospital of Rhode Island  
Miriam Hospital  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Manfred Steiner, MD  
Brown University  
Box G PMH  
Providence, RI 02912  
401 722-6000

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 145-43-31-041**Tennessee****Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Alvin M Mauer, MD  
The University of Tennessee Memphis  
3 N Dunlap Rm 327  
Memphis, TN 38163  
901 448-5717

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 145-47-21-125**Texas****Houston****Baylor College of Medicine Program\***

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General  
Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Lawrence Rice, MD  
Baylor College of Medicine  
Texas Medical Center  
6535 Fannin Mail Station 902  
Houston, TX 77030  
713 790-2155

*Length:* 2 Year(s)**Program ID:** 145-48-21-076**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Clyde M Jones, MD  
Univ of Texas Medical School Dept of Medicine  
6431 Fannin Rm 5.016 MSB  
Houston, TX 77030  
713 792-5450

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 145-48-31-016**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L. Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

Geoffrey R Weiss, MD  
University of Texas Health Science Center  
Div of Medical Oncology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7884  
210 617-5186

*Length:* 2 Year(s)**Program ID:** 145-48-21-059**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital

*Program Director:*

John J Rinehart, MD  
Graduate Medical Education  
Scott and White Hospital  
2401 S 31st St  
Temple, TX 76508  
800 299-4463

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 145-48-21-181**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

James P Kushner, MD  
Div of Hematology-Oncology  
University of Utah Medical Center  
50 North Medical Dr  
Salt Lake City, UT 84132  
801 581-6734

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 145-49-21-145**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Charles Hess, MD  
Div of Hematology and Oncology  
University of Virginia Hospitals  
Dept of Medicine Box 447  
Charlottesville, VA 22908  
804 924-2572

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 145-51-21-017

\* Updated information not provided.

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center

*Program Director:*

John M Harlan, MD  
University Medical Center  
1959 NE Pacific St Rm 10  
Seattle, WA 98195  
206 543-3360

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 145-54-21-077

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Eliot C Williams, MD PhD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave Rm H4/534  
Madison, WI 53792-5156  
608 262-5327

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 145-56-21-109

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyno Hospital

*Program Director:*

Tom Anderson, MD  
Medical College of Wisconsin  
8700 W Wisconsin Ave  
Box 133  
Milwaukee, WI 53226  
414 257-4559

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 145-56-31-042

## Hematology (Pathology-Anatomic and Clinical)

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

James T Flick, MD  
University of Arkansas Medical Center  
Dept of Pathology  
4301 W Markham  
Little Rock, AR 72205  
501 686-7015

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 311-04-21-038

## California

### Duarte

#### City of Hope National Medical Center Program

City of Hope National Medical Center

*Program Director:*

Russell K Brynes, MD  
City of Hope National Medical Center  
1500 E Duarte Rd  
Duarte, CA 91010  
818 359-8111

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 311-05-21-040

### La Jolla

#### Scripps Clinic and Research Foundation Program\*

Scripps Clinic and Research Foundation

*Program Director:*

Douglas J Ellison, MD  
10666 N Torrey Pines Rd  
La Jolla, CA 92037  
619 554-8604

*Length:* 1 Year(s)

*Program ID:* 311-05-31-054

## Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Stephen Lee, MD  
8700 Beverly Blvd  
Dept of Pathology & Lab Medicine  
Div of Hematology & Immunology  
Los Angeles, CA 90048  
310 855-5471

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 311-05-21-016

## University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Robert V Pierre, MD  
Bhart N Nathwani, MD  
University of Southern California School of Medicine  
Dept of Pathology  
2025 Zonal Ave  
Los Angeles, CA 90033  
213 226-7020

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 311-05-21-017

## Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center  
University of California (Davis) School of Medicine

*Program Director:*

Edward C Larkin, MD  
University of California Davis Medical Center  
2315 Stockton Blvd  
Sacramento, CA 95817-2283  
916 734-3331

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 311-05-21-009

## San Francisco

#### University of California (San Francisco) Program\*

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Laurence Corash, MD  
Laboratory Medicine-212  
32 Fruit St  
Boston, MA 02114  
617 726-2815

*Length:* 1 Year(s)

*Program ID:* 311-05-21-053

## Connecticut

### Hartford

#### Hartford Hospital Program

Hartford Hospital

*Program Director:*

William T Pastuszak, MD  
Hartford Hospital  
80 Seymour St  
Hartford, CT 06102-5037  
203 545-2008

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 311-08-11-021

## Florida

### Gainesville

#### University of Florida Program\*

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

Raul C Braylan, MD  
Dept of Pathology  
Shands Teaching Hospital  
PO Box 100275  
Gainesville, FL 32610-0275  
904 392-3477

*Length:* 1 Year(s)

*Program ID:* 311-11-21-051

\* Updated information not provided.

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Emory University Hospital

*Program Director:*

Diane C Farhi, MD  
Education Office Dept of Pathology  
H-189 Emory University Hospital  
1364 Clifton Rd NE  
Atlanta, GA 30322-8110  
404 727-4283

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-12-21-027

**Illinois****Chicago****University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

James W Vardiman, MD  
University of Chicago Hospitals  
Dept of Pathology  
5841 S Maryland MC0008  
Chicago, IL 60637  
312 702-6196

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-16-21-037

**University of Illinois College of Medicine at Chicago Program\***

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center

*Program Director:*

Basil A Bradlow, MD  
Div of Clinical Pathology M/C 750  
UIC College of Medicine Box 6998  
Chicago, IL 60680  
312 996-3519

*Length:* 1 Year(s)

**Program ID:** 311-16-21-041

**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Zelma Molnar, MD PhD  
Loyola University Medical School  
Dept of Pathology (Hematopathology)  
2160 S First Ave  
Maywood, IL 60153  
708 216-3250

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID:** 311-16-21-018

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
Riley Hospital for Children

*Program Director:*

Richard S Nelman, MD  
Indiana University School of Medicine  
Div of Hematopathology  
550 N University Blvd  
Indianapolis, IN 46202-5283  
317 274-7250

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-17-21-045

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Fred R Dick, MD  
University of Iowa Hospitals and Clinics  
Dept of Pathology 6227 RCP  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-2991

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-18-21-023

**Kentucky****Louisville****University of Louisville Program**

University of Louisville School of Medicine  
James Graham Brown Medical Center  
University of Louisville Hospital

*Program Director:*

Alvin W Martin, MD  
James Graham Brown Cancer Center  
529 S Jackson St  
Louisville, KY 40202  
502 852-0029

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-20-21-043

**Maryland****Bethesda****National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)

*Program Director:*

Capt James D Cotelingam, MD  
National Naval Medical Center  
Box 213  
Bethesda, MD 20889-5600  
301 295-5489

*Length:* 1 Year(s) *Total Positions:* 3

**Program ID:** 311-23-21-008

**Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*

Marshall E Kadin, MD  
Beth Israel Hospital  
Dept of Pathology  
330 Brookline Ave  
Boston, MA 02215  
617 735-3648

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-24-21-036

**Brigham and Women's Hospital Program\***

Brigham and Women's Hospital

*Program Director:*

Geraldine S Pinkus, MD  
Brigham and Women's Hospital  
Div of Hematopathology  
75 Francis St  
Boston, MA 02115

617 732-7520

*Length:* 1 Year(s)

**Program ID:** 311-24-21-048

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

Bertram Schnitzer, MD  
University of Michigan Hospitals  
Medical Science I Bldg  
1301 Catherine Rd  
Ann Arbor, MI 48109-0602  
313 936-1873

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-25-21-026

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Joan C Mattson, MD  
Chief Hematopathology  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-8022

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-25-21-033

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Richard D Brunning, MD  
University of Minnesota  
420 Delaware St SE  
Box 609 UMHC  
Minneapolis, MN 55455-0385  
612 626-5704

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-26-21-003

\* Updated information not provided.



## Rochester

### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)

*Program Director:*

Paul J Kurtin, MD

Mayo Graduate School of Medicine Application  
Processing Ctr

Mayo Graduate School of Medicine

200 First St SW

Rochester, MN 55905

507 284-4939

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-26-21-029

## Missouri

### St Louis

#### Washington University Program

Barnes Hospital

*Program Director:*

Mary Zutter, MD

Dept of Anatomic Pathology

Barnes Hospital

One Barnes Plaza

St Louis, MO 63110

314 362-0108

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-28-21-050

## Nebraska

### Omaha

#### University of Nebraska Program

University of Nebraska Medical Center

*Program Director:*

Dennis D Weisenburger, MD

University of Nebraska Medical Center

Dept of Pathology & Microbiology

600 S 42nd St PO Box 983135

Omaha, NE 68198-3135

402 559-7688

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-30-21-010

## New Jersey

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School

Robert Wood Johnson University Hospital

*Program Director:*

Peter S Amenta, MD PhD

Dept of Pathology MEB 224

UMDNJ-Robert Wood Johnson Med Schl

New Brunswick, NJ 08903-0019

908 235-7641

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-33-21-025

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Cheryl L Willman, MD

University of New Mexico School of Medicine

Cancer Center CMCD Room B-85

900 Camino De Salud NE

Albuquerque, NM 87131-5363

505 277-5622

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-34-21-013

## New York

### Albany

#### Albany Medical Center Program\*

Albany Medical Center Hospital

Veterans Affairs Medical Center (Albany)

*Program Director:*

Barbara C Wolf, MD

Albany Medical Center A-81

Dept of Pathology

47 New Scotland Ave

Albany, NY 12208

518 262-5337

*Length:* 1 Year(s) *Total Positions:*

**Program ID:** 311-35-31-031

### New York

#### Albert Einstein College of Medicine at Beth Israel Medical Center Program\*

Beth Israel Medical Center

*Program Director:*

Carl Teplitz, MD

Dept of Pathology & Laboratory Medicine

Beth Israel Medical Center

First Ave at 16th St

New York, NY 10003

212 420-4030

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-35-21-006

### Syracuse

#### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at  
Syracuse

*Program Director:*

Jonathan L Miller, MD PhD

Clinical Pathology

University Hospital

750 E Adams St

Syracuse, NY 13210

315 464-4682

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-35-21-030

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

Stuart A Bentley, MD

University of North Carolina Hospitals

Dept of Pathology CB#7525

101 Manning Dr

Chapel Hill, NC 27514

919 966-2432

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-36-21-032

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

*Program Director:*

Harold R Schumacher, MD

University of Cincinnati Medical Center

PO Box 670529

231 Bethesda Ave

Cincinnati, OH 45267-0529

513 558-3118

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 311-38-21-042

### Cleveland

#### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center

*Program Director:*

Lawrence Kass, MD

MetroHealth Medical Center

2500 MetroHealth Dr

Cleveland, OH 44109-1098

216 459-4945

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-38-11-022

#### Case Western Reserve University Program\*

University Hospitals of Cleveland

*Program Director:*

Jeffrey B Lawrence, MD

University Hospitals of Cleveland

Dept of Pathology

2074 Abington Rd

Cleveland, OH 44106

216 844-1841

*Length:* 1 Year(s)

**Program ID:** 311-38-21-011

## Columbus

### Ohio State University Program

Ohio State University Medical Center

*Program Director:*

John T Brandt, MD

Dept of Pathology/Ohio State University

164 Hamilton Hall

1645 Neil Ave

Columbus, OH 43210

614 292-5712

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 311-38-21-052

\* Updated information not provided.

**Pennsylvania****Pittsburgh****MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital

**Program Director:**

Karl R Fox, MD

Allegheny General Hospital

Div of Clinical Pathology

320 E North Ave

Pittsburgh, PA 15212-0986

412 359-3541

**Length:** 1 Year(s) **Total Positions:** 1**Program ID:** 311-41-21-035**University Health Center of Pittsburgh Program**University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC**Program Director:**

Steven H Swerdlow, MD

University of Pittsburgh Medical Center

Montefiore Hematopathology

200 Lothrop St

Pittsburgh, PA 15213-2582

412 648-6633

**Length:** 1 Year(s) **Total Positions:** 2**Program ID:** 311-41-21-014**Texas****Houston****Baylor College of Medicine Program**

Baylor College of Medicine

Harris County Hospital District-Ben Taub General

Hospital

Methodist Hospital

Texas Children's Hospital

**Program Director:**

Abdus Saleem, MD

Methodist Hospital Dept of Pathology

6565 Fannin MS205

Houston, TX 77030

713 790-2439

**Length:** 1 Year(s) **Total Positions:** 1**Program ID:** 311-48-21-012**University of Texas M D Anderson Cancer Center Program**

University of Texas M D Anderson Cancer Center

**Program Director:**

Maher Albitar, MD

Univ of Texas-M D Anderson Cancer Center

1515 Holcombe Blvd

Houston, TX 77030

713 794-1095

**Length:** 1 Year(s) **Total Positions:** 3**Program ID:** 311-48-21-019**San Antonio****University of Texas Health Science Center at San Antonio Program**University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

**Program Director:**

Peter Banks, MD

University of Texas Health Science Center

Dept of Pathology-Hematology.

7703 Floyd Curl Dr

San Antonio, TX 78284-7750

210 567-4034

**Length:** 1 Year(s) **Total Positions:** 2**Program ID:** 311-48-21-020**Temple****Texas A&M College of Medicine-Scott and White Program**Scott and White Memorial Hospital  
Olin E Teague Veterans Center**Program Director:**

Edward S Rappaport, MD

Scott and White Hospital

2401 S 31st St

Temple, TX 76508

817 774-3145

**Length:** 1 Year(s) **Total Positions:** 1**Program ID:** 311-48-21-044**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center

**Program Director:**

Carl R Kjeldsberg, MD

University of Utah

School of Medicine

Dept of Pathology

Salt Lake City, UT 84132

801 581-5854

**Length:** 1 Year(s) **Total Positions:** 2**Program ID:** 311-49-21-024**Hematology and Oncology (Internal Medicine)****Alabama****Birmingham****University of Alabama Medical Center Program**

University of Alabama Hospital

**Program Director:**

Donald M Miller, MD

Univ of Alabama at Birmingham

University Station WTI 520

Birmingham, AL 35294

205 934-1977

**Length:** 3 Year(s) **Total Positions:** 12**Program ID:** 155-01-21-001**Mobile****University of South Alabama Program**

University of South Alabama Medical Center

**Program Director:**

Marcel E Conrad, MD

2451 Fillingim St

Mobile, AL 36688

205 633-4246

**Length:** 3 Year(s) **Total Positions:** 3**Program ID:** 155-01-31-002**Arizona****Tucson****University of Arizona Program**

University of Arizona College of Medicine

University Medical Center

Veterans Affairs Medical Center (Tucson)

**Program Director:**

Charles W Taylor, MD

Arizona Cancer Center

1515 N Campbell Ave

Tucson, AZ 85724

602 626-2251

**Length:** 3 Year(s) **Total Positions:** 9**Program ID:** 155-03-21-003**California****Los Angeles****Cedars-Sinai Medical Center Program**

Cedars-Sinai Medical Center

**Program Director:**

Francis Giles, MD

8700 Beverly Blvd

Becker B211

Los Angeles, CA 90048-1869

310 855-2997

**Length:** 3 Year(s) **Total Positions:** 5**Program ID:** 155-05-21-004

\* Updated information not provided.

## Los Angeles (Sepulveda)

### UCLA San Fernando Valley Program

Veterans Affairs Medical Center (Sepulveda)  
Cedars-Sinai Medical Center  
LAC-Olive View Medical Center

*Program Director:*  
Nancy R Feldman, MD  
16111 Plummer St  
Sepulveda, CA 91343  
818 364-3205

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 155-05-13-008

## Sacramento

### University of California (Davis) Program

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (Sacramento)

*Program Director:*  
Frederick Meyers, MD  
4301 X St  
Sacramento, CA 95817  
916 453-3771

*Length:* 3 Year(s) *Total Positions:* 7  
*Program ID:* 155-05-31-005

## San Diego

### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

*Program Director:*  
Mark D Browning, MD  
Hematology/Oncology Division (Code CCL)  
Naval Medical Center  
34800 Bob Wilson Dr  
San Diego, CA 92134-5000  
619 532-7303

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 155-05-11-006

### University of California (San Diego) Program\*

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*  
Kenneth Herbst, MD  
225 Dickinson St  
San Diego, CA 92103  
619 543-3225

*Length:* 3 Year(s)  
*Program ID:* 155-05-12-007

## Connecticut

## Farmington

### University of Connecticut Program

University of Connecticut School of Medicine  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital  
Veterans Affairs Medical Center (Newington)

*Program Director:*  
Jonathan R Sporn, MD  
Dept of Medicine  
Univ of Connecticut Health Ctr  
Farmington, CT 06030  
203 679-2255

*Length:* 3 Year(s) *Total Positions:* 5  
*Program ID:* 155-08-21-009

## District of Columbia

## Washington

### Walter Reed Army Medical Center Program\*

Walter Reed Army Medical Center

*Program Director:*  
Louis F Diehl, MD  
Washington, DC 20307  
202 576-1757

*Length:* 3 Year(s)  
*Program ID:* 155-10-21-010

### Washington Hospital Center Program

Washington Hospital Center  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*  
Dennis A Priebat, MD  
110 Irving St NW  
Washington, DC 20010  
202 877-6266

*Length:* 3 Year(s) *Total Positions:* 2  
*Program ID:* 155-10-31-011

## Florida

## Miami

### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
Peter Cassileth, MD  
P O Box 016960 (R-36)  
Miami, FL 33101  
305 543-4929

*Length:* 3 Year(s) *Total Positions:* 11  
*Program ID:* 155-11-21-012

## Tampa

### University of South Florida Program

University of South Florida College of Medicine  
H Lee Moffitt Cancer Center  
James A Haley Veterans Hospital  
Tampa General Healthcare  
Veterans Affairs Medical Center (Bay Pines)

*Program Director:*  
Kenneth Zuckerman, MD  
12901 N 30th St Box 19  
Tampa, FL 33612  
813 972-7582

*Length:* 3 Year(s) *Total Positions:* 8  
*Program ID:* 155-11-31-013

## Georgia

## Atlanta

### Emory University Program\*

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital

*Program Director:*  
Melvin R Moore, MD  
69 Butler Street SE  
Atlanta, GA 30303  
404 589-4885

*Length:* 3 Year(s)  
*Program ID:* 155-12-21-014

## Augusta

### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*  
C Lawrence Lutchter, MD  
Dept of Medicine  
Augusta, GA 30912  
706 721-2505

*Length:* 3 Year(s) *Total Positions:* 2  
*Program ID:* 155-12-31-015

## Illinois

## Chicago

### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*  
William J Gradishar, MD  
233 E Erie  
Suite 700  
Chicago, IL 60611

312 908-9412  
*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 155-16-21-016

### University of Chicago Program

University of Chicago Hospitals

*Program Director:*  
Harvey M Golomb, MD  
Univ of Chicago Hospitals  
5841 S Maryland Ave  
MC2115  
Chicago, IL 60637-1470  
312 962-6115

*Length:* 3 Year(s) *Total Positions:* 15  
*Program ID:* 155-16-21-079

### University of Illinois College of Medicine at Chicago Program\*

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*  
Thomas Lad, MD  
840 S Wood St  
Chicago, IL 60612  
312 996-5985

*Length:* 3 Year(s)  
*Program ID:* 155-16-31-017

### University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program\*

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center

*Program Director:*  
Margaret Telfer, MD  
Lake Shore Dr at 31st St  
Chicago, IL 60616  
312 791-2123

*Length:* 3 Year(s)  
*Program ID:* 155-16-11-018

\* Updated information not provided.

**North Chicago****Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School

Mount Sinai Hospital Medical Center of Chicago  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*

Robert Levin, MD  
3333 Green Bay Rd  
North Chicago, IL 60064  
708 578-3291

*Length:* 3 Year(s) *Total Positions:* 2

**Program ID:** 155-16-12-019

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*

Lawrence H Einhorn, MD  
University Hospital Room 1730  
550 N University Blvd  
Indianapolis, IN 46223-5265  
317 274-0920

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 0)

**Program ID:** 155-17-21-020

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

C Patrick Burns, MD  
Department of Medicine  
Hematology/Oncology  
Univ of Iowa Hospitals and Clinics  
Iowa City, IA 52242  
319 356-2038

*Length:* 3 Year(s) *Total Positions:* 12

**Program ID:** 155-18-21-021

**Kentucky****Louisville****University of Louisville Program**

University of Louisville School of Medicine  
James Graham Brown Medical Center  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Martin S Blumenreich, MD  
529 S Jackson St  
Louisville, KY 40292  
502 588-5245

*Length:* 3 Year(s) *Total Positions:* 4

**Program ID:** 155-20-21-022

**Louisiana****New Orleans****Tulane University Program**

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane  
Division

Tulane University Hospital and Clinics

Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

German Beltran, MD  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5482

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 155-21-21-023

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

*Program Director:*

Glenn M Mills, MD  
1501 Kings Hwy  
Post Office Box 33932  
Shreveport, LA 71132-3932  
318 674-5970

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 155-21-31-024

**Maryland****Baltimore****University of Maryland Program\***

University of Maryland Medical System

*Program Director:*

David A VanEcho, MD  
22 S Greene St  
Baltimore, MD 21201

*Length:* 3 Year(s)

**Program ID:** 155-23-21-025

**Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*

Lowell E Schnipper  
Dept of Medicine  
Beth Israel Hospital  
330 Brookline Ave  
Boston, MA 02215  
617 735-3666

*Length:* 3 Year(s)

**Program ID:** 155-24-21-026

**Boston University Program\***

Boston University School of Medicine  
Boston City Hospital  
Boston University Medical Center-University Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*

Douglas V Faller, MD  
Department of Medicine  
75 E Newton St  
Boston, MA 02118

*Length:* 3 Year(s)

**Program ID:** 155-24-31-027

**New England Deaconess Hospital Program**

New England Deaconess Hospital

*Program Director:*

Jerome E Groopman, MD  
Deaconess Hospital  
110 Francis St  
Ste 4A

Boston, MA 02215-0000

617 732-8895

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 155-24-11-028

**New England Medical Center Hospitals Program**

New England Medical Center Hospitals

*Program Director:*

Bruce Furie, MD  
750 Washington Street  
Box 332

Boston, MA 02111-0000

617 956-5650

*Length:* 3 Year(s) *Total Positions:* 13

**Program ID:** 155-24-12-029

**Springfield****Baystate Medical Center Program**

Baystate Medical Center

*Program Director:*

Grace Makari-Judson, MD  
759 Chestnut St  
Springfield, MA 01199-0000  
413 787-5433

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 155-24-13-030

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*

Mary Ellen Rybak, MD  
55 Lake Ave N  
Worcester, MA 01605-0000  
617 856-4143

*Length:* 3 Year(s) *Total Positions:* 4

**Program ID:** 155-24-21-075

**Michigan****Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Robert Chapman, MD  
Leslie J. Bricker MD  
2799 West Grand Blvd  
Detroit, MI 48202-0000  
313 876-1850

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 155-25-21-031

\* Updated information not provided.

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Gordon D Ginder, MD  
Gerard Johnson, MD  
Univ of Minnesota Hospital and Clinics  
Box 286 UMHC  
Harvard at E River Rd  
Minneapolis, MN 55455  
612 624-5124

*Length:* 3 Year(s) *Total Positions:* 4  
*Program ID:* 155-26-21-032

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Thomas M Habermann, MD  
200 First St SW  
Rochester, MN 55905  
507 284-4094

*Length:* 3 Year(s) *Total Positions:* 21  
*Program ID:* 155-26-31-033

## Missouri

### Kansas City

#### University of Missouri at Kansas City Program

University of Missouri-Kansas City School of Medicine  
Trinity Lutheran Hospital  
Truman Medical Center-West

*Program Director:*

Gerald M Woods, MD  
2401 Gillham Rd  
Kansas City, MO 64108  
316 234-3265

*Length:* 3 Year(s) *Total Positions:* 1  
*Program ID:* 155-28-21-034

### St Louis

#### Barnes Hospital Group Program

Barnes Hospital

*Program Director:*

Stuart Kornfeld, MD  
Div of Hematology-Oncology  
Barnes Hospital  
4989 Barnes Hospital Plaza  
St. Louis, MO 63110  
314 362-8803

*Length:* 3 Year(s)  
*Program ID:* 155-28-31-035

### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
St Louis University Hospital

*Program Director:*

Paul J Petruska, MD  
3635 Vista at Grand Blvd  
PO Box 15250  
St. Louis, MO 63110-0250  
314 577-8854

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 155-28-11-036

## Nebraska

### Omaha

#### University of Nebraska Program

University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

John F Foley, MD  
Department of Medicine  
600 S 42nd St  
PO Box 983330  
Omaha, NE 68198-3330  
402 559-6313

*Length:* 3 Year(s) *Total Positions:* 3  
*Program ID:* 155-30-21-037

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Frank H Valone, MD  
Maynard St  
Hanover, NH 03756  
603 646-5527

*Length:* 3 Year(s) *Total Positions:* 4  
*Program ID:* 155-32-21-038

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School Program

Cooper Hospital-University Medical Center

*Program Director:*

Elizabeth Johnson, MD  
Cooper Hospital-University Medical Center  
Three Cooper Plaza  
Ste 220  
Camden, NJ 08103  
609 963-3572

*Length:* 3 Year(s) *Total Positions:* 1  
*Program ID:* 155-33-21-039

## Piscataway

### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Medical Center at Princeton  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*

Parvin Saidi, MD  
Dept of Medicine  
One Robert Wood Johnson Pl  
New Brunswick, NJ 08903  
908 235-7679

*Length:* 3 Year(s) *Total Positions:* 4  
*Program ID:* 155-33-21-040

## New York

### Brooklyn

#### Brookdale Hospital Medical Center Program

Brookdale Hospital Medical Center

*Program Director:*

Neil J Nusbaum, MD  
Linden Blvd at Brookdale Plaza  
Brooklyn, NY 11212  
718 240-5657

*Length:* 3 Year(s) *Total Positions:* 5  
*Program ID:* 155-35-21-041

#### Maimonides Medical Center Program

Maimonides Medical Center

*Program Director:*

Ismat U Nawabi, MD  
4802 10th Ave  
Brooklyn, NY 11219  
718 283-6900

*Length:* 3 Year(s) *Total Positions:* 5  
*Program ID:* 155-35-31-042

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Sheldon Rothenberg, MD  
SUNY Health Sciences Center at Brooklyn  
450 Clarkson Ave Box #20  
Brooklyn, NY 11203  
718 270-1500

*Length:* 3 Year(s) *Total Positions:* 10  
*Program ID:* 155-35-11-043

### Mineola

#### Winthrop-University Hospital Program

Winthrop-University Hospital

*Program Director:*

Larry Nathanson, MD  
Winthrop-University Hospital  
259 First St  
Mineola, NY 11501  
516 663-2310

*Length:* 3 Year(s) *Total Positions:* 4  
*Program ID:* 155-35-13-045

\* Updated information not provided.

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center

*Program Director:*Kanti R Rai, MD  
207-05 76th Ave  
Hyde Park, NY 11042  
718 470-7135*Length:* 3 Year(s) *Total Positions:* 3**Program ID:** 155-35-22-046**New York****Albert Einstein College of Medicine at Beth Israel Medical Center Program\***

Beth Israel Medical Center

*Program Director:*Ralph Zalusky, MD  
10 Nathan Perlman Pl  
New York, NY 10003  
212 420-4185*Length:* 3 Year(s)**Program ID:** 155-35-23-047**Lenox Hill Hospital Program**

Lenox Hill Hospital

*Program Director:*Colette M Spaccavento, MD  
Keith R Brunckhorst, MD  
Lenox Hill Hospital  
Sect of Hematology/Oncology  
100 E 77th St  
New York, NY 10021-1883  
212 439-2155*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 155-35-33-049**Mount Sinai School of Medicine (Jamaica) Program**Mount Sinai School of Medicine  
Queens Hospital Center*Program Director:*Hans W Grunwald, MD  
Queen Hosp Ctr  
82-68 164th St  
Jamaica, NY 11432  
718 883-4118*Length:* 3 Year(s) *Total Positions:* 2**Program ID:** 155-35-12-044**Mount Sinai School of Medicine Program**Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)*Program Director:*Peter C Harpel, MD  
Mount Sinai Med Ctr  
One Gustave L Levy Pl  
Box 1079  
New York, NY 10029-6574  
212 241-0546*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 155-35-21-050**New York Hospital/Cornell Medical Center Program\***

New York Hospital

*Program Director:*Roy L Silverstein, MD  
525 East 68th  
New York, NY 10021  
212 746-2060*Length:* 3 Year(s)**Program ID:** 155-35-31-051**Presbyterian Hospital in the City of New York Program**Presbyterian Hospital in the City of New York  
Harlem Hospital Center*Program Director:*Karen Antman, MD  
622 W 168th St  
New York, NY 10032  
212 305-6730*Length:* 3 Year(s)**Program ID:** 155-35-11-052**Stony Brook****SUNY at Stony Brook Program**University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)*Program Director:*John Fiore, MD  
T-16 Rm 080  
Stony Brook, NY 11794  
516 444-1727*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 155-35-13-054**Valhalla****New York Medical College (Cabrini) Program\***New York Medical College  
Cabrini Medical Center*Program Director:*Ariel Distenfeld, MD  
227 E 19th St  
New York, NY 10003  
212 995-6082*Length:* 3 Year(s)**Program ID:** 155-35-32-048**New York Medical College (St Vincent) Program**New York Medical College  
St Vincent's Hospital and Medical Center of New York*Program Director:*William Grace, MD  
153 W 11th St  
New York, NY 10011  
212 604-2427*Length:* 3 Year(s) *Total Positions:* 3**Program ID:** 155-35-12-053**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*Edison T Liu, MD  
3018 Old Clinic Bldg 226H  
Chapel Hill, NC 27599  
919 966-3311*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 155-36-21-055**Durham****Duke University Program**

Duke University Medical Center

*Program Director:*Russell E Kaufman, MD  
Duke University Med Ctr  
Box 3250  
Durham, NC 27710  
919 684-2287*Length:* 3 Year(s) *Total Positions:* 10**Program ID:** 155-36-31-056**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*Julia M Cruz, MD  
300 Hawthorne Rd  
Winston-Salem, NC 27103  
919 748-4464*Length:* 3 Year(s) *Total Positions:* 9**Program ID:** 155-36-21-076**Ohio****Cleveland****Cleveland Clinic Foundation/St Vincent Charity Hospital Program**

Cleveland Clinic Foundation

*Program Director:*Maurie K Markman, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Cleveland, OH 44106  
216 444-5690*Length:* 3 Year(s) *Total Positions:* 11**Program ID:** 155-38-21-057**Columbus****Ohio State University Program**Ohio State University Medical Center  
Arthur G James Cancer Hospital and Research Institute*Program Director:*Stanley Barcerzok, MD  
Arthur L Sagone, MD  
Div of Hematology-Oncology  
Ohio State University Hospital  
410 W Tenth Ave, N1025 Doan Hall  
Columbus, OH 43210-1228  
614 293-3985*Length:* 3 Year(s)**Program ID:** 155-38-31-058**Dayton****Wright State University Program**Wright State University School of Medicine  
Good Samaritan Hospital and Health Center  
Veterans Affairs Medical Center (Dayton)*Program Director:*Michael A Baumann, MD  
Jae C Chang, MD  
4100 W Third Street  
Dayton, OH 45428  
513 268-6511*Length:* 3 Year(s) *Total Positions:* 3**Program ID:** 155-38-11-059

\* Updated information not provided.

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

James N George, MD  
P O Box 26307

EB-271

University Hospital  
Oklahoma City, OK 73190  
405 271-4222

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 155-39-21-060

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Harold A Harvey, MD  
Dept of Medicine

PO Box 850

Milton S Hershey Med Ctr  
Hershey, PA 17033

717 531-8677

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 155-41-21-061

### Philadelphia

#### Hahnemann University Program

Hahnemann University Hospital

*Program Director:*

Sigmund B Kahn, MD

Hahnemann University Hosp

Broad & Vine St

Philadelphia, PA 19102

215 762-8026

*Length:* 3 Year(s) *Total Positions:* 7

*Program ID:* 155-41-31-062

### Wynnewood

#### Lankenau Hospital Program\*

Lankenau Hospital

*Program Director:*

Robert L Krigel, MD

Lancaster and City Line Ave

Suite 114

Wynnewood, PA 19096

215 645-2057

*Length:* 3 Year(s)

*Program ID:* 155-41-31-077

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
MUSC Medical Center

Veterans Affairs Medical Center (Charleston)

*Program Director:*

Robert K Stuart, MD

Medical Univ of South Carolina

Hematology/Oncology Div

171 Ashley Ave

Charleston, SC 29425

803 792-4271

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 155-45-21-063

## Tennessee

### Johnson City

#### East Tennessee State University Program

James H Quillen College of Medicine

Johnson City Medical Center Hospital

Veterans Affairs Medical Center (Mountain Home)

*Program Director:*

May L Votaw, MD

Dept of Medicine

PO Box 70622

Johnson City, TN 37614-0622

615 929-6362

*Length:* 3 Year(s) *Total Positions:* 4

*Program ID:* 155-47-21-064

### Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center

St Thomas Hospital

Veterans Affairs Medical Center (Nashville)

*Program Director:*

Stanford J Stewart, MD

1956 The Vanderbilt Clinic

Nashville, TN 37232-5536

615 322-4967

*Length:* 3 Year(s) *Total Positions:* 4

*Program ID:* 155-47-31-065

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School

Dallas County Hospital District-Parkland Memorial

Hospital

Veterans Affairs Medical Center (Dallas)

*Program Director:*

Cynthia J Rutherford, MB ChB

5323 Harry Hines Blvd

Mail Code 8852

Dallas, TX 75235-8852

214 688-2647

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 155-48-21-066

## Fort Sam Houston

### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

LTC Timothy J O'Rourke, MD

Brooke Army Medical Center

HSHE-MDH

1950 Stanley Rd

San Antonio, TX 78234-6200

210 916-9452

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 155-48-31-067

## Lackland AFB

### Wilford Hall USAF Medical Center Program\*

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Glenn S Harman, MD

Hematology/Medical Oncology Service

Dept of Medicine/SGHMMH

San Antonio, TX 78236-5300

512 670-7312

*Length:* 3 Year(s)

*Program ID:* 155-48-11-068

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont

*Program Director:*

Richard F Branda, MD

Univ of Vermont Coll of Med

Hematology/Oncology Unit

32 N Prospect St

Burlington, VT 05401

802 862-6597

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 155-50-21-069

## Virginia

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth

University

Hunter Holmes McGuire VA Medical Center (Richmond)

Medical College of Virginia Hospitals

*Program Director:*

Saul Yanovich, MD

Box 230 M C V Station

Richmond, VA 23298

804 786-9722

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 155-51-21-070

\* Updated information not provided.

## Washington

### Tacoma

#### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*

Col Howard Davidson, MD

Box 326

Madigan Army Med Ctr

Attn: HSHJ-MHO

Tacoma, WA 98431

206 968-2504

*Length:* 3 Year(s) *Total Positions:* 4

**Program ID:** 155-54-21-071

## Immunopathology (Pathology-Anatomic and Clinical)

## California

### Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Stephen Lee, MD

8700 Beverly Blvd

Dept of Pathology & Lab Medicine

Div of Hematology & Immunology

Los Angeles, CA 90048

310 855-5471

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 313-05-12-006

## Florida

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Phillip Ruiz, MD PhD

University of Miami School of Medicine

Dept of Pathology (D-33)

PO Box 016960

Miami, FL 33101

305 585-7344

*Length:* 1 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID:** 313-11-21-017

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

James A Goeken, MD

University of Iowa Hospitals and Clinics

Dept of Pathology

Iowa City, IA 52242-1009

319 356-1966

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 313-18-21-005

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine

Johns Hopkins Hospital

*Program Director:*

William E Beschornor, MD

The Johns Hopkins University

School of Medicine

Ross 648 720 Rutland Ave

Baltimore, MD 21205-2195

410 560-5159

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 313-23-11-008

## Massachusetts

### Boston

#### Massachusetts General Hospital Program\*

Massachusetts General Hospital

*Program Director:*

Atul K Bhan, MD

100 Blossom St

Boston, MA 02114

617 726-2588

*Length:* 1 Year(s)

**Program ID:** 313-24-21-019

## Missouri

### St Louis

#### Washington University Program

Barnes Hospital

*Program Director:*

John D Pfeifer, MD PhD

Washington University School of Medicine

Dept of Pathology Box 8118

660 S Euclid Ave

St Louis, MO 63110

314 362-0758

*Length:* 1 Year(s)

**Program ID:** 313-28-21-018

## New Jersey

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School

Robert Wood Johnson University Hospital

St Peter's Medical Center

*Program Director:*

Karel Raska Jr, MD PhD

Dept of Pathology

St Peter's Medical Center

254 Easton Ave

New Brunswick, NJ 08903-0591

908 745-8504

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 313-33-21-018

\* Updated information not provided.



## New York

### Bronx

#### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center

*Program Director:*

Young J Choi, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 518-5147

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 313-35-12-003

### New York

#### New York University Medical Center Program

New York University Medical Center

*Program Director:*

Helen D Feiner, MD  
New York University Medical Center  
560 First Ave  
Room 461 Tisch Hospital  
New York, NY 10016  
212 263-8826

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 2)

*Program ID:* 313-35-21-010

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

James Folds, MD  
Dept of Laboratories  
Univ of North Carolina Hospitals  
101 Manning Dr  
Chapel Hill, NC 27514  
919 966-2317

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 313-36-21-015

## Ohio

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland

*Program Director:*

Steven N Emancipator, MD  
Institute of Pathology  
2085 Adelbert Rd  
Cleveland, OH 44106  
216 844-3870

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 313-38-21-002

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial  
Hospital

*Program Director:*

Mohammed Q Ansari, MD  
University of Texas Southwestern Medical Center  
5323 Harry Hines Blvd  
Dallas, TX 75235-9072  
214 648-4122

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 313-48-21-014

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Associated Regional and University Pathologists  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Daniel A Terreros, MD PhD  
University of Utah School of Medicine  
Dept of Pathology 5 B 114  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-5873

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 313-49-21-016

## Virginia

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth  
University

Medical College of Virginia Hospitals

*Program Director:*

Charles W Moncure, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980662  
Richmond, VA 23298-0662  
804 786-1179

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 313-51-11-001

## Infectious Disease (Internal Medicine)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital

*Program Director:*

William E Dismukes, MD  
Division of Infectious Disease  
Tinsley Harrison Tower 229  
UAB Station 1900 University Blvd  
Birmingham, AL 35294-0006  
205 934-5191

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 146-01-21-121

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

S Reeves Dill, MD  
University of South Alabama  
Div of Infectious Diseases  
472 Cancer Center Clinical Bldg  
Mobile, AL 36688-0002  
205 460-7220

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 146-01-11-089

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Rodney D Adam, MD  
University of Arizona Infectious Disease Section  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-6887

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 146-03-21-106

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Robert W Bradsher Jr, MD  
University of Arkansas For Medical Sciences  
4301 W Markham (Slot 639)  
Little Rock, AR 72205  
501 686-5585

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 146-04-21-107

\* Updated information not provided.

**California****Los Angeles****Cedars-Sinai Medical Center Program**

Cedars-Sinai Medical Center

*Program Director:*

Eric S Daar, MD  
 Cedars-Sinai Medical Center Div of Infectious Diseases  
 8700 Beverly Blvd  
 Becker 226  
 Los Angeles, CA 90048-0750  
 310 855-3896

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-05-11-108**Charles R Drew University Program\***Charles R Drew University Of Medicine And Science  
LAC-King/Drew Medical Center*Program Director:*

Director Residency Training, MD  
 Charles R Drew University of Medicine Science  
 12021 S Wilmington Ave  
 Los Angeles, CA 90059  
 213 563-4822

*Length:* 2 Year(s)**Program ID:** 146-05-11-123**UCLA Medical Center Program**UCLA School of Medicine  
UCLA Medical Center*Program Director:*

W L George, MD  
 UCLA Schl of Med  
 Ctr for the Hlth Sci  
 Los Angeles, CA 90024-1688  
 213 206-0074

*Length:* 2 Year(s) *Total Positions:* 14**Program ID:** 146-05-11-124**University of Southern California Program**Los Angeles County-USC Medical Center  
LAC-Rancho Los Amigos Medical Center  
USC University Hospital*Program Director:*

John M Leedom, MD  
 LAC/USC Medical Center  
 1200 N State St  
 Rm 6442  
 Los Angeles, CA 90033  
 213 226-7504

*Length:* 2 Year(s) *Total Positions:* 8**Program ID:** 146-05-21-042**Orange****University of California (Irvine) Program**University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)*Program Director:*

Jeremiah G Tilles, MD  
 UCIMC Dept of Med/Infectious Diseases  
 101 The City Dr Bldg 53 Rt 81  
 Orange, CA 92668  
 714 456-5134

*Length:* 2 Year(s)**Program ID:** 146-05-21-141**Pasadena****Southern California Kaiser Permanente Medical Care (Los Angeles) Program**Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)*Program Director:*

Joel Ruskin, MD  
 Kaiser Foundation Hospital  
 1505 Edgemont 3rd Fl  
 Los Angeles, CA 90027  
 213 667-4559

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-05-12-032**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

George Jordan, MD  
 Univ of California (Davis) Medical Center  
 Research Facility  
 4815 Second Ave  
 Sacramento, CA 95817-2282  
 916 734-3741

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-05-21-095**San Diego****Naval Medical Center (San Diego) Program**

Naval Medical Center (San Diego)

*Program Director:*

Mark Wallace, MD  
 Naval Medical Center  
 CCS  
 San Diego, CA 92134-5000  
 619 532-7475

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-05-12-142**University of California (San Diego) Program\***University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)*Program Director:*

Joshua Fierer, MD  
 VA Medical Center (San Diego)  
 3350 La Jolla Village Dr  
 San Diego, CA 92161  
 619 453-7500

*Length:* 2 Year(s)**Program ID:** 146-05-21-163**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine

San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)*Program Director:*

Richard M Locksley, MD  
 Infectious Diseases  
 Box 0654 Rm C443  
 UCSF Med Ctr  
 San Francisco, CA 94143-0654  
 415 476-9882

*Length:* 2 Year(s) *Total Positions:* 9**Program ID:** 146-05-21-144**University of California (San Francisco)/Mount Zion Program**University of California (San Francisco) School of Medicine  
Mount Zion Medical Center of the University of California*Program Director:*

W Lawrence Drew, MD PhD  
 UCSF/Mount Zion  
 1600 Divisadero  
 San Francisco, CA 94115  
 415 885-7315

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-05-31-143**Stanford****Stanford University Program**Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)*Program Director:*

Jeffrey S Loutit, MD  
 Stanford University Hospital Dept of Medicine  
 300 Pasteur Dr  
 Div of Infec Diseases Rm S-156  
 Stanford, CA 94305  
 415 723-5334

*Length:* 2 Year(s) *Total Positions:* 18**Program ID:** 146-05-21-023**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

John E Edwards Jr, MD  
 Los Angeles County-Harbor-UCLA Medical Center  
 1000 W Carson St  
 Torrance, CA 90509  
 213 533-3313

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 146-05-11-164**Colorado****Denver****University of Colorado Program\***University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)*Program Director:*

Nancy Madinger, MD  
 Univ of Colorado Hlth Sci Ctr Dept of Med  
 Div of Infectious Diseases  
 4200 E Ninth Ave Box B-168  
 Denver, CO 80262  
 303 270-7233

*Length:* 2 Year(s) *Total Positions:* 9**Program ID:** 146-07-21-050

\* Updated information not provided.

## Connecticut

### Farmington

#### University of Connecticut Program 1

University of Connecticut School of Medicine  
Mount Sinai Hospital  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*  
John D Shanley, MD  
University of Connecticut School of Medicine  
Div of Infectious Diseases  
263 Farmington Ave  
Farmington, CT 06030-3212  
203 679-4700

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 146-08-31-001

#### University of Connecticut Program 2

University of Connecticut School of Medicine  
Hartford Hospital  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*  
Richard Quintilliani, MD  
Hartford Hospital  
Div of Infectious Diseases  
80 Seymour St  
Hartford, CT 06115  
203 524-2878

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-08-31-183

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*  
Keith Joiner, MD  
Yale-University School of Medicine/Dept of Internal Medicine  
Infectious Disease Section  
PO Box 208022 333 Cedar St LCI808  
New Haven, CT 06520-8022  
203 785-4140

*Total Positions:* 14  
*Program ID:* 146-08-21-024

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*  
Gary Simon, MD  
George Washington Univ Hosp Dept of Med  
Div of Infectious Diseases  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 894-4179

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-10-21-109

### Georgetown University Program\*

Georgetown University Hospital

*Program Director:*  
Phillip F Pierce, MD  
Georgetown University Hospital  
Dept of Medicine  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 784-3546

*Length:* 2 Year(s)  
*Program ID:* 146-10-21-090

### Howard University Program\*

Howard University Hospital

*Program Director:*  
Virod R Mody, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 745-6641

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-10-21-091

### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*  
Charles N Oster, MD  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-0586

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 146-10-11-127

### Washington Hospital Center Program

Washington Hospital Center  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*  
Charles S Levy, MD  
Fred M. Gordin MD  
Washington Hospital Center  
Section of Infectious Diseases  
110 Irving St NW 2A-56  
Washington, DC 20010-2975  
202 877-7164

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 146-10-11-179

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*  
Frederick S Southwick, MD  
University of Florida  
J Hillis Miller Health Center  
Box 100277 1600 SW Archer Rd  
Gainesville, FL 32610-0227  
904 392-4058

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 146-11-21-033

## Jacksonville

### University of Florida Health Science Center/ Jacksonville Program

University Medical Center (UFHSC/J)  
Baptist Medical Center (UFHSC/J)

*Program Director:*  
Alexander G Vandevelde, MD  
Univ of Florida Hlth Sci Ctr/Jacksonville  
Dept of Internal Medicine (ID)  
655 W Eighth St  
Jacksonville, FL 32209-6597  
904 549-3070

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-11-21-186

## Miami

### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
Thomas A Hoffman, MD  
University of Miami School of Medicine  
PO Box 016960 (R-63)  
Miami, FL 33101  
305 548-7618

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 146-11-21-165

## Tampa

### University of South Florida Program

University of South Florida College of Medicine  
H Lee Moffitt Cancer Center  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*  
John T Sinnott IV, MD  
Div of Infectious Diseases  
USF Coll of Med MDC Box 19  
12901 Bruce B Downs Blvd  
Tampa, FL 33612-4799  
813 251-7670

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 146-11-21-034

## Georgia

### Atlanta

#### Emory University Program\*

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital

*Program Director:*  
David Stephens, MD  
Emory University School of Medicine  
69 Butler St SE  
Atlanta, GA 30303  
404 616-3600

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 146-12-21-129

\* Updated information not provided.

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

J Peter Rissing, MD  
Medical College of Georgia  
Dept of Medicine  
Infectious Disease Section  
Augusta, GA 30912-3130  
706 721-2236

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 146-12-21-003

**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

John P Phair, MD  
Northwestern University Medical School  
680 N Lake Shore Dr Ste 1106  
Chicago, IL 60611  
312 908-9137

*Length:* 2 Year(s) *Total Positions:* 7

**Program ID:** 146-16-21-069

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Gordon M Trenholme, MD  
Rush-Presbyterian-St Luke's Medical Center  
Section of Infectious Disease  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-5865

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 146-16-11-130

**University of Illinois College of Medicine at Chicago Program\***

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Chicago Hospitals  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

John P Flaherty, MD  
University of Chicago  
Joint Infectious Disease Fellowship  
5841 S Maryland MC 5065  
Chicago, IL 60637  
312 791-4152

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 146-16-21-131

**Maywood****Loyola University Program\***

Poster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital  
St Francis Hospital of Evanston

*Program Director:*

J Paul O'Keefe, MD  
Nigar Kirmani, MD  
Loyola Univ Med Ctr Dept of Med  
2160 S First Ave  
Bldg 54 Rm 101  
Maywood, IL 60153  
708 216-3232

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 146-16-21-004

**North Chicago****Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School  
Mount Sinai Hospital Medical Center of Chicago  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*

Louise J Riff, MD  
Univ of Hlth Sci/The Chicago Med Schl  
Dept of Medicine  
3333 Green Bay Rd  
North Chicago, IL 60064-3095  
708 578-3291

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 146-16-21-044

**Springfield****Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

Sergio Rabinovich, MD  
Div of Infectious Diseases  
Southern Illinois Univ Sch of Med  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-9148

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 146-16-21-180

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*

Richard Kohler, MD  
Indiana University Medical Center Dept of Medicine  
430 West Outpatient Bldg  
1001 W Tenth St  
Indianapolis, IN 46202-5124  
317 630-6262

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 146-17-21-146

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Bradley E Britigan, MD  
University of Iowa Hospitals and Clinics  
Dept of Internal Medicine  
Iowa City, IA 52242-1009  
319 356-3674

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 146-18-21-096

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Elliot Goldstein, MD  
University of Kansas Medical Center  
Infectious Diseases Div  
3901 Rainbow Blvd  
Kansas City, KS 66160-7354  
913 588-6035

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 146-19-21-110

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

J Donald Coonrod, MD  
University Hospital-Albert B Chandler Medical Center  
Housestaff Office HQ-101  
800 Rose St  
Lexington, KY 40536-0084  
606 323-5872

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 146-20-21-166

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Julio A Ramirez, MD  
University of Louisville  
Dept of Medicine  
Div of Infectious Diseases  
Louisville, KY 40292  
502 852-5131

*Length:* 2 Year(s)

**Program ID:** 146-20-31-092

\* Updated information not provided.

## Louisiana

### New Orleans

#### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation

*Program Director:*  
Joseph R Dalovisla, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4005

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-21-22-100

#### Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus

*Program Director:*  
David H Martin, MD  
LSU Med Ctr  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-5031

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-21-21-051

#### Tulane University Program

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane  
Division  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*  
Newton E Hyslop Jr, MD  
Adult Infectious Diseases Section  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 587-7316

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 146-21-21-105

### Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*  
John W King, MD  
Louisiana State University Medical Center  
Medical Educ (Infectious Diseases)  
PO Box 33932  
Shreveport, LA 71130-3932  
318 675-5904

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 146-21-21-052

## Maine

### Portland

#### Maine Medical Center Program

Maine Medical Center

*Program Director:*  
Robert P Smith, MD  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102  
207 871-2550

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-22-21-182

## Maryland

### Baltimore

#### Johns Hopkins University Program\*

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*  
John Bartlett, MD  
Johns Hopkins Hospital Dept of Medicine  
Blalock 1111  
Baltimore, MD 21205  
301 955-3150

*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 146-23-11-060

#### University of Maryland Program

University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)

*Program Director:*  
John W Warren, MD  
University of Maryland at Baltimore Division of  
Infectious D  
10 S Pine St  
Room 9-00  
Baltimore, MD 21201  
410 706-7560

*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 146-23-21-036

### Bethesda

#### National Institutes of Health Clinical Center Program\*

NIH Warren Grant Magnuson Clinical Center

*Program Director:*  
John E Bennett, MD  
Building 10 Rm 11-C-304  
National Institutes of Health  
900 Rockville Pike  
Bethesda, MD 20892  
301 496-3461

*Length:* 2 Year(s) *Total Positions:* 12  
*Program ID:* 146-23-21-184

#### National Naval Medical Center (Bethesda) Program\*

National Naval Medical Center (Bethesda)

*Program Director:*  
Capt John D Malone, MD  
Naval Hospital  
Dept of Medicine  
Bethesda, MD 20814  
301 295-5800

*Length:* 2 Year(s)  
*Program ID:* 146-23-11-147

## Massachusetts

### Boston

#### Boston University Program\*

Boston University School of Medicine  
Boston City Hospital  
Boston University Medical Center-University Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*  
William R McCabe, MD  
Boston City Hospital Dept of Medicine  
818 Harrison Ave  
Boston, MA 02118  
617 424-5282

*Length:* 2 Year(s)  
*Program ID:* 146-24-21-148

#### Brigham and Women's Hospital Program

Brigham and Women's Hospital  
Beth Israel Hospital

*Program Director:*  
Elliott Kieff, MD PhD  
Brigham and Women's Hospital Dept of Medicine  
75 Francis St  
Boston, MA 02115  
617 732-7048

*Length:* 2 Year(s) *Total Positions:* 16  
*Program ID:* 146-24-21-021

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*  
Stephen B Calderwood, MD  
Massachusetts General Hospital  
Fruit St  
Boston, MA 02114  
617 726-3811

*Length:* 2 Year(s) *Total Positions:* 35  
*Program ID:* 146-24-11-053

#### New England Deaconess Hospital Program

New England Deaconess Hospital

*Program Director:*  
Adolf W Karchmer, MD  
Deaconess Hospital  
One Deaconess Rd  
AWKH6  
Boston, MA 02215  
617 632-0760

*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 146-24-21-132

#### New England Medical Center Hospitals Program

New England Medical Center Hospitals

*Program Director:*  
Gerald T Keusch, MD  
New England Medical Center Box 041  
750 Washington St  
Boston, MA 02111  
617 956-7004

*Length:* 2 Year(s) *Total Positions:* 15  
*Program ID:* 146-24-21-006

### Springfield

#### Baystate Medical Center Program

Baystate Medical Center

*Program Director:*  
Richard B Brown, MD  
Baystate Medical Center  
Infectious Disease Div  
759 Chestnut St  
Springfield, MA 01109  
413 784-5376

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-24-11-061

### Worcester

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*  
Francis A Ennis, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3158

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 146-24-21-007

\* Updated information not provided.

**Michigan****Ann Arbor****University of Michigan Program\***

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Robert Fekety, MD  
University of Michigan Hospitals  
3116 Taubman Health Ctr  
Ann Arbor, MI 48109-0378  
313 936-5205

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 146-25-21-062

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Louis D Saravolatz, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Internal Medicine-Infectious Dis  
Detroit, MI 48202  
313 876-2573

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 146-25-11-133

**St John Hospital and Medical Center Program**

St John Hospital and Medical Center

*Program Director:*

Riad Khatib, MD  
St John Hospital and Medical Center  
Dept of Medical Education  
22101 Moross Rd  
Detroit, MI 48236  
313 343-3875

*Length:* Year(s) *Total Positions:* 2

**Program ID:** 146-25-21-191

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

P H Chandrasekar, MD  
Infectious Diseases  
4160 John R Ste 202  
Detroit, MI 48201  
313 745-9649

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 146-25-21-040

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Jeffrey D Band, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-4041

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 146-25-12-102

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

M Colin Jordan, MD  
Univ of Minnesota Hospital and Clinic Dept of Medicine  
Box 250 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455  
612 624-9996

*Length:* 2 Year(s) *Total Positions:* 7

**Program ID:** 146-26-21-112

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Michael R Keating, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3126

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 146-26-21-045

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Stanley W Chapman, MD  
University of Mississippi Medical Center  
2500 N State St N502  
Jackson, MS 39216-4505  
601 984-5560

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 146-27-21-063

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

E Dale Everett, MD  
University of Missouri Health Sciences Center  
M A-425 Medical Science Bldg  
Columbia, MO 65212  
314 882-3107

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 146-28-21-064

**Kansas City****University of Missouri at Kansas City Program\***

University of Missouri-Kansas City School of Medicine  
St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

Lawrence Dall, MD  
University of Missouri Dept of Medicine  
2411 Holmes St  
Kansas City, MO 64108  
816 276-1964

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 146-28-31-113

**St Louis****Barnes Hospital Group Program**

Barnes Hospital

*Program Director:*

Gerald Medoff, MD  
Washington University School of Medicine  
Infectious Diseases Div  
660 S Euclid Box 8051  
St Louis, MO 63110  
314 362-4410

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 146-28-21-149

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Robert B Belshe, MD  
St Louis University School of Medicine  
3635 Vista at Grand Blvd  
St Louis, MO 63110-0250  
314 577-8648

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 146-28-21-177

**Nebraska****Omaha****Creighton University Program**

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center  
University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

Laurel C Preheim, MD  
VA Medical Center  
4101 Woolworth Ave  
Omaha, NE 68105  
402 449-0650

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 146-30-21-151

\* Updated information not provided.

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Jeffrey Parsonnet, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-8840

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 146-32-21-187

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center

*Program Director:*

Carl W Norden, MD  
Cooper Hospital-University Medical Center  
Education & Research Bldg Rm 270  
401 Haddon Ave  
Camden, NJ 08103  
609 757-7767

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-33-21-173

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
UMDNJ-University Hospital

*Program Director:*

Stephen A Udem, MD PhD  
UMDNJ-University Hospital  
100 Bergen St  
Newark, NJ 07103-2757  
201 982-7598

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 146-33-21-172

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*

Melvin P Weinstein, MD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Medicine  
One Robert Wood Johnson Pl  
New Brunswick, NJ 08903-0019  
908 235-7713

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 146-33-21-028

## South Orange

#### Seton Hall University School of Graduate Medical Education Program

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center  
St Michael's Medical Center (Cathedral Health Services Inc)

*Program Director:*

Edward S Johnson, MD  
Saint Michael's Medical Center  
306 Martin Luther King Blvd  
Newark, NJ 07102  
201 877-5690

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 146-33-11-152

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Darwin L Palmer, MD  
Div of Infectious Diseases  
VAMC (III)  
2100 Ridgecrest Dr SE  
Albuquerque, NM 87131  
505 265-1711

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 146-34-21-134

## New York

### Albany

#### Albany Medical Center Program\*

Albany Medical Center Hospital

*Program Director:*

Michael H Miller, MD  
Albany Medical College  
Infectious Disease Div A-49  
47 New Scotland Ave  
Albany, NY 12208  
518 445-5343

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 146-35-31-027

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses Division

*Program Director:*

Neal Steigbigel, MD  
Montefiore Medical Center  
Div of Infectious Diseases  
111 E 210th St  
Bronx, NY 10467  
718 920-5439

*Length:* 2 Year(s) *Total Positions:* 20  
*Program ID:* 146-35-21-101

## Brooklyn

#### Long Island College Hospital Program\*

Long Island College Hospital

*Program Director:*

Leonard Berkowitz, MD  
Long Island College Hospital Dept of Infectious Diseases  
340 Henry St 609A  
Brooklyn, NY 11201  
718 780-1436

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-35-11-028

#### Maimonides Medical Center Program

Maimonides Medical Center

*Program Director:*

Larry I Lutwick, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7076

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 146-35-11-171

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

William M McCormack, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave Box 56  
Brooklyn, NY 11203-2098  
718 270-1432

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 146-35-21-011

## Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Timothy F Murphy, MD  
Infectious Diseases (111F)  
VA Medical Center  
3495 Bailey Ave  
Buffalo, NY 14215  
716 862-3303

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 146-35-31-009

## East Meadow

#### SUNY at Stony Brook (East Meadow) Program

Nassau County Medical Center

*Program Director:*

Susan Forlenza, MD  
Nassau County Medical Center  
2201 Hempstead Trnkp  
East Meadow, NY 11554-5400  
516 572-6506

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 146-35-21-093

\* Updated information not provided.

**Flushing****New York Hospital Medical Center of Queens Program\***

New York Hospital Medical Center of Queens

*Program Director:*

James J Rahal, MD  
New York Hospital Medical Center of Queens  
56-45 Main St  
Flushing, NY 11355  
718 670-1525

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 146-35-21-178**Jamaica****Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
Catholic Medical Center (Mary Immaculate Hospital)  
Catholic Medical Center (St John's Queens Hospital)

*Program Director:*

Aaron E Glatt, MD  
Catholic Medical Center  
88-25 153rd St  
Jamaica, NY 11432  
718 568-7291

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 146-35-22-041**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

David H Shepp, MD  
North Shore University Hospital  
Dept of Medicine  
Div of Infectious Diseases  
Manhasset, NY 11030  
516 562-4280

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-35-21-160**Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital

*Program Director:*

Burke A Cunha, MD  
Winthrop-University Hospital  
222 Station Plaza N  
Ste 432  
Mineola, NY 11501  
516 663-2505

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 146-35-11-065**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center

*Program Director:*

Carol Singer, MD  
Long Island Jewish Medical Center  
270-05 76th Ave  
3rd Fl Oncology Bldg Rm 333  
New Hyde Park, NY 11040  
718 470-7290

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 146-35-21-135**New York****Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center

*Program Director:*

Donna Mildvan, MD  
Beth Israel Medical Center  
First Ave at 16th St  
Dept of Infectious Diseases  
New York, NY 10003  
212 420-4005

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-35-11-010**Harlem Hospital Center Program**

Harlem Hospital Center

*Program Director:*

Wafaa El-Sadr, MD  
Infectious Disease Service Rm 3101A  
Harlem Hospital Center  
506 Lenox Ave  
New York, NY 10037  
212 939-2936

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 146-35-11-162**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*

Shalom Z Hirschman, MD  
Mount Sinai Medical Center  
One Gustave L Levy Pl  
Box 1090  
New York, NY 10029-6574  
212 241-6741

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 146-35-31-153**New York Hospital/Cornell Medical Center Program 1\***

New York Hospital

*Program Director:*

Mark Y Stoekle, MD  
New York Hospital  
525 E 68th St  
Room A-421  
New York, NY 10021  
212 746-6320

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 146-35-21-161**New York Hospital/Cornell Medical Center Program 2\***

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Donald Armstrong, MD  
Memorial Sloan-Kettering Cancer Center  
1275 York Ave  
New York, NY 10021-9990  
212 639-7809

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 146-35-21-167**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

H Sherwood Lawrence, MD  
Dept of Internal Medicine  
NYU Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6400

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 146-35-21-114**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

Glenda J Garvey, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032-3702  
212 305-3395

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-35-11-054**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Michael H Grieco, MD  
St Luke's-Roosevelt Hospital Center  
1000 Tenth Ave  
New York, NY 10019-1196  
212 523-6568

*Total Positions:* 2**Program ID:** 146-35-21-103**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Richard C Reichman, MD  
Dept of Int Medicine-Infectious Diseases Unit  
Univ of Rochester Pgm A-Box 689  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-5871

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 146-35-11-170**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Benjamin J Luft, MD  
Health Science Center  
HSC T-15 080  
SUNY Stony Brook  
Stony Brook, NY 11794-8153  
516 444-1660

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 146-35-21-012**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse

Crouse-Ingvar Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Donald C Blair, MD  
Dept of Medicine  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-5533

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 146-35-21-140

\* Updated information not provided.



## Valhalla

### New York Medical College (Cabrini) Program

New York Medical College  
Cabrini Medical Center

*Program Director:*  
Michael P Mullen, MD  
Cabrini Medical Center  
227 E 19th St  
New York, NY 10003  
212 995-6871

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 146-35-31-097

### New York Medical College at St Vincent's Hospital and Medical Center of New York Program

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*  
Robert L Yarrish, MD  
St Vincent's Hospital and Medical Center of New York  
163 W 11th St  
New York, NY 10011  
212 604-8321

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 146-35-11-174

### New York Medical College at Westchester County and Medical Center Program

New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
Westchester County Medical Center

*Program Director:*  
Gary P Wormser, MD  
New York Medical College  
Westchester County Medical Center  
Div of Infectious Diseases  
Valhalla, NY 10595  
914 285-8865

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 146-35-11-013

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*  
Myron S Cohen, MD  
University of North Carolina School of Medicine  
Div of Infectious Diseases  
547 Burnett-Womack Bldg CB#7030  
Chapel Hill, NC 27599-7030  
919 966-2536

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 146-36-21-136

### Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*  
John D Hamilton, MD  
Duke University Medical Center  
Box 3867  
Durham, NC 27710-7599  
919 684-2660

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 146-36-21-137

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*  
Charles E McCall, MD  
Bowman School of Medicine  
Medical School Blvd  
Winston-Salem, NC 27157  
910 716-4584

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 146-36-21-014

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*  
George S Deepe, MD  
University of Cincinnati  
PO Box 670560  
Cincinnati, OH 45267-0560  
513 558-4704

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 146-38-21-066

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*  
Jerrold J Ellner, MD  
Division of Infectious Diseases  
Case Western Reserve University  
10900 Euclid Ave  
Cleveland, OH 44106-4984  
216 368-4845

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 146-38-21-154

#### Cleveland Clinic Foundation/St Vincent Charity Hospital Program

Cleveland Clinic Foundation

*Program Director:*  
Carlos M Isada, MD  
Cleveland Clinic Foundation  
Dept of Infectious Disease  
9500 Euclid Ave S32  
Cleveland, OH 44195-5242  
216 444-2762

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 146-38-12-156

### Columbus

#### Ohio State University Program

Ohio State University Medical Center

*Program Director:*  
Susan L Koletar, MD  
Ohio State University Hospital Dept of Medicine  
4715 University Hospitals Clinic  
410 W Tenth Ave  
Columbus, OH 43210-1228  
614 293-8732

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 146-38-11-094

## Dayton

### Wright State University Program\*

Wright State University School of Medicine  
Good Samaritan Hospital and Health Center  
Miami Valley Hospital  
Veterans Affairs Medical Center (Dayton)

*Program Director:*  
Jack M Bernstein, MD  
Veterans Affairs Medical Center  
4100 W Third St  
Dayton, OH 45428  
513 262-0201

*Length:* 2 Year(s) *Total Positions:*  
**Program ID:** 146-38-31-189

## Toledo

### Medical College of Ohio at Toledo Program\*

Medical College of Ohio Hospital

*Program Director:*  
Haig Donabedian, MD  
Medical College of Ohio at Toledo  
CS #10008  
Dept of Medicine  
Toledo, OH 43699  
419 381-4326

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 146-38-21-015

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*  
Ronald A Greenfield, MD  
University of Oklahoma College of Medicine  
PO Box 26901  
VAMC - 111C  
Oklahoma City, OK 73190  
405 270-0501

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 146-39-21-067

## Oregon

### Portland

#### Oregon Health Sciences University Program\*

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*  
Thomas T Ward, MD  
VA Medical Center  
Infectious Disease Section (111F)  
PO Box 1034  
Portland, OR 97207  
503 273-5185

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 146-40-31-157

\* Updated information not provided.

**Pennsylvania****Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program\***

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

John N Goldman, MD  
 University Hospital Milton S Hershey Medical Center  
 PO Box 850  
 Hershey, PA 17033  
 717 531-8881

*Length:* 2 Year(s)*Program ID:* 146-41-11-016**Philadelphia****MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*

Abdolghader Molavi, MD  
 Hahnemann University Hospital  
 Broad & Vine Sts  
 Philadelphia, PA 19102-1192  
 215 762-8055

*Length:* 2 Year(s) *Total Positions:* 3*Program ID:* 146-41-21-046**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital

*Program Director:*

Matthew E Levison, MD  
 Medical College of Pennsylvania Dept of Medicine  
 3300 Henry Ave  
 Philadelphia, PA 19129  
 215 842-6977

*Length:* 2 Year(s) *Total Positions:* 4*Program ID:* 146-41-21-116**Temple University Program**

Temple University Hospital

*Program Director:*

Bennett Lorber, MD  
 Temple University Hospital Dept of Medicine  
 3401 N Broad St  
 Philadelphia, PA 19140  
 215 707-3807

*Length:* 2 Year(s) *Total Positions:* 5*Program ID:* 146-41-21-029**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Michael Buckley, MD  
 Jefferson Medical College  
 1020 Locust St Rm 329 D  
 Philadelphia, PA 19107  
 215 955-8575

*Length:* 2 Year(s) *Total Positions:* 4*Program ID:* 146-41-21-056**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
 Pennsylvania Hospital  
 Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Harvey M Friedman, MD  
 536 Johnson Pavilion  
 University of Pennsylvania  
 Philadelphia, PA 19104-6073  
 215 662-2473

*Length:* 2 Year(s) *Total Positions:* 3*Program ID:* 146-41-21-022**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
 Montefiore University Hospital (UPMC)  
 Presbyterian-University Hospital/UPMC  
 Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Edward J Wing, MD  
 University of Pittsburgh Medical Center  
 Dept of Med-MUH W831  
 200 Lothrop St  
 Pittsburgh, PA 15213-2582  
 412 648-6401

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 146-41-21-037**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
 University Hospital  
 Veterans Affairs Medical Center (San Juan)

*Program Director:*

Carlos H Ramirez-Ronda, MD  
 University Hospital  
 Dept of Infectious Diseases  
 San Juan, PR 00935  
 309 758-6945

*Length:* 2 Year(s)*Program ID:* 146-42-21-118**Veterans Affairs Medical and Regional Office Center Program**

Veterans Affairs Medical Center (San Juan)

*Program Director:*

Carlos H Ramirez-Ronda, MD  
 VA Medical and Regional Office Center (San Juan)  
 One Veterans Plaza (111)  
 San Juan, PR 00927-5800  
 809 766-6513

*Length:* 2 Year(s) *Total Positions:* 5*Program ID:* 146-42-31-117**Rhode Island****Providence****Brown University (Roger Williams) Program**

Roger Williams Medical Center  
 Memorial Hospital of Rhode Island  
 Miriam Hospital  
 Rhode Island Hospital  
 Veterans Affairs Medical Center (Providence)

*Program Director:*

Stephen H Zinner, MD  
 Brown University Box G-RW  
 825 Chalkstone Ave  
 Providence, RI 02908  
 401 456-2074

*Length:* 2 Year(s) *Total Positions:* 5*Program ID:* 146-43-31-038**South Carolina****Charleston****Medical University of South Carolina Program\***

Medical University of South Carolina College of Medicine  
 MUSC Medical Center  
 Veterans Affairs Medical Center (Charleston)

*Program Director:*

J Robert Cantey, MD  
 Medical University of South Carolina  
 171 Ashley Ave  
 Charleston, SC 29425  
 803 792-4541

*Length:* 2 Year(s)*Program ID:* 146-45-21-104**Tennessee****Johnson City****East Tennessee State University Program**

James H Quillen College of Medicine  
 Johnson City Medical Center Hospital  
 Veterans Affairs Medical Center (Mountain Home)

*Program Director:*

Felix A Sarubbi, MD  
 East Tennessee State University  
 PO Box 70 622  
 Johnson City, TN 37614-0622  
 615 929-6380

*Length:* 2 Year(s) *Total Positions:* 3*Program ID:* 146-47-21-047**Memphis****University of Tennessee Program\***

University of Tennessee College of Medicine  
 Regional Medical Center at Memphis  
 Veterans Affairs Medical Center (Memphis)

*Program Director:*

James B Dale, MD  
 Michael S Bronze, MD  
 University of Tennessee Memphis  
 Dept of Medicine  
 956 Court Ave  
 Memphis, TN 38163  
 901 577-7207

*Length:* 2 Year(s) *Total Positions:* 3*Program ID:* 146-47-21-138**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
 St Thomas Hospital  
 Veterans Affairs Medical Center (Nashville)

*Program Director:*

Robert H Latham, MD  
 Div of Infectious Diseases  
 PO Box 380  
 St Thomas Hospital  
 Nashville, TN 37202  
 615 222-6611

*Length:* 2 Year(s) *Total Positions:* 11*Program ID:* 146-47-31-017

\* Updated information not provided.

## Texas

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center  
*Program Director:*  
 William L. Sutker, MD  
 Baylor University Medical Center  
 3500 Gaston Ave  
 Dallas, TX 75246  
 214 820-2361  
*Length:* 2 Year(s) *Total Positions:* 11  
**Program ID: 146-48-31-069**

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
 Dallas County Hospital District-Parkland Memorial Hospital  
 Veterans Affairs Medical Center (Dallas)  
*Program Director:*  
 James P. Luby, MD  
 Univ of Texas Southwestern Medical Center at Dallas  
 5323 Harry Hines Blvd  
 Dallas, TX 75235-9113  
 214 648-3480  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 146-48-21-098**

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center  
*Program Director:*  
 Col C. Kenneth McAllister, MD  
 Infectious Disease Service BAMC  
 Fort Sam Houston  
 San Antonio, TX 78234-6268  
 210 916-9365  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID: 146-48-12-139**

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals  
*Program Director:*  
 Jon T. Mader, MD  
 Div of Infectious Diseases 1092  
 Former Shriners' Burns Bldg 2-68  
 University of Texas Medical Branch  
 Galveston, TX 77555-1092  
 409 747-0234  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID: 146-48-21-048**

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
 Harris County Hospital District-Ben Taub General Hospital  
 Methodist Hospital  
 Veterans Affairs Medical Center (Houston)  
*Program Director:*  
 Daniel M. Musher, MD  
 Infectious Diseases Section  
 Rm 4B-370  
 VA Hospital  
 Houston, TX 77030  
 713 794-7384  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID: 146-48-21-070**

### University of Texas at Houston Program

University of Texas Medical School at Houston  
 Hermann Hospital  
 Lyndon B. Johnson General Hospital  
 University of Texas M. D. Anderson Cancer Center  
*Program Director:*  
 Herbert L. DuPont, MD  
 University of Texas Medical School  
 PO Box 20708  
 Houston, TX 77225  
 713 792-4929  
*Length:* 2 Year(s) *Total Positions:* 11  
**Program ID: 146-48-31-018**

### Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)  
*Program Director:*  
 Gregory P. Melcher, MD  
 WHMC/PSMI  
 Dept of Infectious Diseases  
 2200 Bergquist Dr Ste 1  
 Lackland AFB, TX 78236-5300  
 210 670-7444  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 146-48-12-049**

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
 Audie L. Murphy Memorial Veterans Hospital (San Antonio)  
 University Hospital-South Texas Medical Center  
*Program Director:*  
 Jean A. Smith, MD  
 University of Texas Health Science Center  
 Div of Infectious Diseases  
 7703 Floyd Curl Dr  
 San Antonio, TX 78284-7881  
 210 567-4823  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 146-48-21-057**

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
 Veterans Affairs Medical Center (Salt Lake City)  
*Program Director:*  
 John B. Hibbs Jr, MD  
 Div of Infectious Diseases  
 University of Utah Sch of Medicine  
 50 N Medical Dr Rm 4B322  
 Salt Lake City, UT 84132  
 801 581-8812  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID: 146-49-21-158**

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center  
*Program Director:*  
 Gerald L. Mandell, MD  
 Univ of Virginia Health Sciences Center Dept of Medicine  
 Box 385  
 Div of Infectious Diseases  
 Charlottesville, VA 22908  
 804 924-5942  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID: 146-51-21-019**

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University  
 Hunter Holmes McGuire VA Medical Center (Richmond)  
 Medical College of Virginia Hospitals  
*Program Director:*  
 Gordon L. Archer, MD  
 MCV/Virginia Commonwealth Univ  
 PO Box 980049  
 Richmond, VA 23298-0049  
 804 786-9714  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID: 146-51-21-020**

### Roanoke

#### University of Virginia (Roanoke-Salem) Program

Carilion Health System  
 Veterans Affairs Medical Center (Salem)  
 Community Hospital of Roanoke Valley  
 Roanoke Memorial Hospitals  
 University of Virginia Medical Center  
*Program Director:*  
 Charles J. Schlepupner, MD  
 Veterans Affairs Medical Center  
 Section of Infectious Diseases  
 1970 Blvd  
 Salem, VA 24153  
 703 982-2463  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 146-51-31-030**

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
 University of Washington Medical Center  
*Program Director:*  
 Walter E. Stamm, MD  
 Dept of Medicine RM-13  
 Div of Allergy & Infectious Disease  
 1959 Pacific  
 Seattle, WA 98195  
 206 223-8493  
*Length:* 2 Year(s) *Total Positions:* 31  
**Program ID: 146-54-21-071**

\* Updated information not provided.

**West Virginia****Huntington****Marshall University School of Medicine Program**

Marshall University School of Medicine  
Cabell Huntington Hospital  
Charleston Area Medical Center  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*  
William McCabe, MD  
Marshall University School of Medicine  
Dept of Medicine  
1801 Sixth Ave  
Huntington, WV 25755-0410  
304 696-7231

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 146-55-21-031

**Morgantown****West Virginia University Program**

West Virginia University Hospitals

*Program Director:*  
Melanie A Fisher, MD  
West Virginia University Hospital  
Div of Medicine/Infectious Diseases  
PO Box 9163  
Morgantown, WV 26506-9163  
304 293-3306

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 146-55-21-188

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*  
Dennis G Maki, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave Rm H4/574  
Madison, WI 53792-0001  
608 263-1545

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 146-56-21-120

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*  
David K Wagner, MD  
Medical College of Wisconsin  
Dept of Infectious Diseases  
8700 W Wisconsin Ave Box 117  
Milwaukee, WI 53226  
414 257-6151

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 146-56-31-039

**Internal Medicine****Alabama****Birmingham****Birmingham Baptist Medical Centers Program**

Birmingham Baptist Medical Centers Inc.  
Birmingham Baptist Medical Center-Montclair  
Birmingham Baptist Medical Center-Princeton

*Program Director:*  
Robert A Kreisberg, MD  
Baptist Med Ctr-Montclair  
840 Montclair Rd  
Birmingham, AL 35213  
205 592-1591

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 12)  
**Program ID:** 140-01-21-020

**Carraway Methodist Medical Center Program**

Carraway Methodist Medical Center

*Program Director:*  
Dennis G Delgado, MD  
Carraway Methodist Medical Center  
1600 Carraway Blvd  
Birmingham, AL 35234  
205 226-6387

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 10)  
**Program ID:** 140-01-31-021

**University of Alabama Medical Center (Montgomery) Program**

University of Alabama Hospital  
Baptist Medical Center  
Montgomery Regional Medical Center

*Program Director:*  
J J Kirschenfeld, MD  
Univ of Alabama Montgomery  
Dept of Internal Med  
4240 Narrow Ln Rd  
Montgomery, AL 36111  
205 288-8933

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
**Program ID:** 140-01-21-447

**University of Alabama Medical Center Program**

University of Alabama Hospital  
Cooper Green Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*  
William E Dismukes, MD  
Univ of Alabama at Birmingham Dept of Internal Med  
Medicine House Staff Office  
DERB 15  
Birmingham, AL 35294-0012  
205 934-2490

*Length:* 3 Year(s) *Total Positions:* 124 (GYI: 45)  
*Subspecialties:* CCM,CD,END,GE,ID,IMG,NEP,PUD,RHU  
**Program ID:** 140-01-21-022

**Mobile****University of South Alabama Program**

University of South Alabama Medical Center

*Program Director:*  
Richard D deShazo, MD  
Univ of South Alabama Med Ctr  
2451 Fillingim St  
Mobile, AL 36617  
205 471-7891

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 14)  
*Subspecialties:* CD,GE,ID,PUD  
**Program ID:** 140-01-11-024

**Arizona****Phoenix****Good Samaritan Regional Medical Center Program**

Good Samaritan Regional Medical Center  
Carl T Hayden Veterans Affairs Medical Center (Phoenix)

*Program Director:*  
Alan I Leibowitz, MD  
Good Samaritan Regional Medical Center  
Dept of Medicine  
1111 E McDowell Rd  
Phoenix, AZ 85006  
602 239-2296

*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 26)  
*Subspecialties:* CD,END,IMG,PUD  
**Program ID:** 140-03-21-025

**Maricopa Medical Center Program**

Maricopa Medical Center

*Program Director:*  
David B Wisinger, MD  
Maricopa Med Ctr  
Dept of Internal Medicine  
2601 E Roosevelt  
Phoenix, AZ 85008  
602 267-5892

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 22)  
**Program ID:** 140-03-11-026

**St Joseph's Hospital and Medical Center Program**

St Joseph's Hospital and Medical Center  
Carl T Hayden Veterans Affairs Medical Center (Phoenix)

*Program Director:*  
John E Heffner, MD  
Dept of Internal Medicine  
St Joseph's Hospital and Med Ctr  
PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-3375

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 17)  
**Program ID:** 140-03-11-027

**Tucson****Tucson Hospitals Medical Education Program**

Tucson Hospitals Medical Education Program Inc  
Kino Community Hospital

*Program Director:*  
Morton Fuchs, MD  
Dept of Internal Medicine  
Box 42195  
5301 E Grant Rd  
Tucson, AZ 85733  
602 324-5095

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 9)  
**Program ID:** 140-03-21-028

**University of Arizona Program**

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*  
Richard M Mandel, MD  
Marcia Ko, MD  
Univ of Arizona Health Sciences Center  
Medicine Education Office  
1501 N Campbell Ave Rm 6336  
Tucson, AZ 85724  
602 626-7000

*Length:* 3 Year(s) *Total Positions:* 47 (GYI: 18)  
*Subspecialties:* CD,END,GE,ID,NEP,PCC,RHU  
**Program ID:** 140-03-21-029

\* Updated information not provided.

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Robert W Bradsher Jr, MD  
Univ of Arkansas for Med Sci  
Med House Staff Slot 634  
4301 W Markham  
Little Rock, AR 72205-7199  
501 686-5162

*Length:* 3 Year(s) *Total Positions:* 63 (GYI: 21)

*Subspecialties:*

CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU

**Program ID: 140-04-21-030**

## California

### Bakersfield

#### Kern Medical Center Program

Kern Medical Center

*Program Director:*

Edward L Arsura, MD  
Royce H Johnson, MD  
Kern Medical Center  
1830 Flower St  
Bakersfield, CA 93306  
805 326-2200

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 9)

**Program ID: 140-05-31-031**

### Fresno

#### University of California (San Francisco)/Fresno Program

UCSF-Fresno Medical Education Program  
Valley Medical Center of Fresno  
Veterans Affairs Medical Center (Fresno)

*Program Director:*

A William Holmes, MD  
Dept of Internal Medicine  
Valley Medical Center  
445 S Cedar Ave  
Fresno, CA 93702  
209 453-4390

*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 22)

*Subspecialties:* CD

**Program ID: 140-05-31-033**

### La Jolla

#### Scripps Clinic and Research Foundation Program

Scripps Clinic and Research Foundation

*Program Director:*

Stanley D Freedman, MD  
Dept of Graduate Medical Education 403C  
Scripps Clinic & Research Fnd  
10666 N Torrey Pines Rd  
La Jolla, CA 92037-1093  
619 554-9974

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

*Subspecialties:* CD,END,GE,HEM,ON,RHU

**Program ID: 140-05-21-490**

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Roy V Jutz, MD  
Loma Linda University Medical Center  
Dept of Internal Medicine  
PO Box 2000  
Loma Linda, CA 92354  
909 824-4636

*Length:* 3 Year(s) *Total Positions:* 83 (GYI: 40)

*Subspecialties:* CD,GE,NEP,PUD,RHU

**Program ID: 140-05-21-038**

### Long Beach

#### St Mary Medical Center Program

St Mary Medical Center  
Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Peter V Barrett, MD  
St Mary Medical Center  
Dept of Medical Education  
1050 Linden Ave  
Long Beach, CA 90813  
310 491-9350

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 14)

**Program ID: 140-05-31-039**

### Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Mark S Noah, MD  
Cedars-Sinai Med Ctr  
Dept of Internal Med  
8700 Beverly Blvd  
Los Angeles, CA 90048  
213 855-5161

*Length:* 3 Year(s) *Total Positions:* 83 (GYI: 33)

*Subspecialties:* CCM,CD,END,ID,NEP,PCC,PUD,RHU

**Program ID: 140-05-11-040**

#### Charles R Drew University Program\*

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*

Keith C Norris, MD  
Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
310 668-4574

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 15)

*Subspecialties:* CD,ID,PUD

**Program ID: 140-05-11-045**

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Jan H Tillisch, MD  
Univ of California (Los Angeles)  
Dept of Med  
Los Angeles, CA 90024-1736  
213 825-7375

*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 32)

*Subspecialties:*

CCM,CD,END,GE,HEM,ID,NEP,ON,PUD,RHU

**Program ID: 140-05-11-046**

### University of Southern California Program\*

Los Angeles County-USC Medical Center

*Program Director:*

Robert A Larsen, MD  
Los Angeles County-USC Med Ctr  
2020 Zonal Ave  
IRD Rm 225  
Los Angeles, CA 90033  
213 226-7556

*Length:* 3 Year(s)

*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU

**Program ID: 140-05-21-044**

### Veterans Affairs Medical Center (West Los Angeles) Program

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Robert C Hollander, MD  
West Los Angeles VA Med Ctr  
11301 Wilshire Blvd 111A  
Los Angeles, CA 90073  
310 824-4423

*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 24)

*Subspecialties:* CD,END,IMG,PUD

**Program ID: 140-05-31-048**

### White Memorial Medical Center Program

White Memorial Medical Center

*Program Director:*

Michael W Sue, MD  
White Memorial Medical Center  
1720 Cesar E Chavez Ave  
Los Angeles, CA 90033-2481  
213 268-5000

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 9)

**Program ID: 140-05-11-049**

### Los Angeles (Sepulveda)

#### UCLA San Fernando Valley Program

Veterans Affairs Medical Center (Sepulveda)  
LAC-Olive View Medical Center

*Program Director:*

Jill M Klessig, MD  
VA Medical Center  
16111 Plummer St 111T  
Sepulveda, CA 91343  
818 895-9397

*Length:* 3 Year(s) *Total Positions:* 71 (GYI: 34)

*Subspecialties:* CD,END,NEP,PUD,RHU

**Program ID: 140-05-21-047**

### Oakland

#### Highland General Hospital Program

Highland General Hospital

*Program Director:*

Theodore G Rose Jr, MD  
Alameda County Medical Center-Highland Campus  
1411 E 31st St  
Oakland, CA 94602  
510 437-4268

*Length:* 3 Year(s) *Total Positions:* 58 (GYI: 18)

**Program ID: 140-05-31-051**

### Kaiser Permanente Medical Group (Northern California) Program

Kaiser Permanente Medical Group (Northern California)  
Kaiser Permanente Medical Center (Oakland)

*Program Director:*

Stanton T Siu, MD  
Kaiser Permanente Medical Center  
Medical Education Office  
280 W MacArthur Blvd  
Oakland, CA 94611  
510 596-6126

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 15)

**Program ID: 140-05-12-052**

\* Updated information not provided.

**Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Permanente Medical Center (San Francisco)

**Program Director:**

Aileen M Dillon, MBBCh  
Dept of Internal Medicine  
2425 Geary Blvd, Rm M-160  
San Francisco, CA 94115-3395  
415 202-3034

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 19)

**Program ID: 140-05-12-060**

**Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Permanente Medical Center (Santa Clara)  
Kaiser Permanente Medical Center (Oakland)

**Program Director:**

Susan D MacLean, MD  
Internal Medicine Residency Program  
Trailer J Ste 3  
900 Kiely Blvd  
Santa Clara, CA 95051-5386  
408 236-4921

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 17)

**Program ID: 140-05-21-067**

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center

**Program Director:**

Thomas C Cesario, MD  
Univ of California (Irvine) Medical Center  
101 City Dr S  
Dept of Medicine Rte #1  
Orange, CA 92668  
714 456-5691

*Length:* 3 Year(s) *Total Positions:* 108 (GYI: 46)

**Subspecialties:**

CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU

**Program ID: 140-05-21-036**

**Pasadena****Huntington Memorial Hospital-Program**

Huntington Memorial Hospital

**Program Director:**

Myron J Tong, MD  
Dept of Medical Education  
Huntington Memorial Hospital  
100 W California Blvd  
Pasadena, CA 91109-7013  
818 397-5166

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 9)

**Program ID: 140-05-11-056**

**Southern California Kaiser Permanente Medical Care (Los Angeles) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

**Program Director:**

Victor A Collymore, MD  
Kaiser Foundation Hospital  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

**Subspecialties:** CD,GE,ID,NEP

**Program ID: 140-05-12-042**

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (Sacramento)

**Program Director:**

Faith T Fitzgerald, MD  
Joseph Silva, MD  
University of California (Davis) Medical Center  
Dept of Internal Medicine  
4301 X St  
Sacramento, CA 95817  
916 734-7080

*Length:* 3 Year(s) *Total Positions:* 82 (GYI: 24)

**Subspecialties:** CCM,CD,END,GE,ID,IMG,NEP,PCC,RHU

**Program ID: 140-05-21-032**

**San Diego****Mercy Hospital and Medical Center Program**

Mercy Hospital and Medical Center

**Program Director:**

Stanley A Amundson, MD  
Mercy Hospital and Medical Center  
4077 Fifth Ave  
San Diego, CA 92103-2180  
619 260-7215

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 10)

**Subspecialties:** CD

**Program ID: 140-05-11-057**

**Naval Medical Center (San Diego) Program**

Naval Medical Center (San Diego)

**Program Director:**

Capt Frank E Maguire, MD  
Naval Medical Center  
Dept of Medicine Code CCA  
34800 Bob Wilson Dr  
San Diego, CA 92134-5000  
619 532-7504

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 21)

**Subspecialties:** CCM,CD,GE,ID,PCC

**Program ID: 140-05-12-012**

**University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

**Program Director:**

Shawn Harranty, MD  
UCSD Dept of Medicine  
Sara Hershman 8811  
200 W Arbor Dr  
San Diego, CA 92103-8811  
619 294-6334

*Length:* 3 Year(s) *Total Positions:* 90 (GYI: 41)

**Subspecialties:** CD,END,GE,ID,IMG,NEP,PCC,RHU

**Program ID: 140-05-21-058**

**San Francisco****California Pacific Medical Center Program**

California Pacific Medical Center  
California Pacific Medical Center (Pacific Campus)

**Program Director:**

Allan Pont, MD  
California Pacific Med Ctr  
PO Box 7999  
Stanford #362  
San Francisco, CA 94120  
415 923-3376

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 26)

**Subspecialties:** CD,GE,PUD

**Program ID: 140-05-12-062**

**St Mary's Hospital and Medical Center Program**

St Mary's Hospital and Medical Center

**Program Director:**

Anthony M Cosentino, MD  
St Mary's Medical Center  
Med Educ Dept  
450 Stanyan St  
San Francisco, CA 94117-1079  
415 750-5781

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 20)

**Subspecialties:** CD

**Program ID: 140-05-22-063**

**University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

**Program Director:**

Floyd C Rector Jr, MD  
Dept of Medicine-U of California San Francisco  
Moffitt Hospital Rm 994  
505 Parnassus Ave Box 0120  
San Francisco, CA 94143-0120  
415 476-2138

*Length:* 3 Year(s) *Total Positions:* 140 (GYI: 56)

**Subspecialties:**

CCM,CD,END,GE,HEM,ID,NEP,ON,PCC,RHU

**Program ID: 140-05-21-064**

**University of California (San Francisco)/Mount Zion Program**

University of California (San Francisco) School of Medicine  
Mount Zion Medical Center of the University of California

**Program Director:**

Kenneth A Woeber, MD  
UCSF/Mount Zion  
1600 Divisadero St  
San Francisco, CA 94115  
415 885-7574

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 15)

**Subspecialties:** CD,ID,IMG

**Program ID: 140-05-31-061**

**San Jose****Santa Clara Valley Medical Center Program**

Santa Clara Valley Medical Center

**Program Director:**

William A Jensen, MD  
Dept of Medicine Att: Cheryl Neill  
751 S Bascom Mail Stop 6897-RM4407  
San Jose, CA 95128  
408 885-6305

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 18)

**Subspecialties:** RHU

**Program ID: 140-05-31-065**

**Santa Barbara****Santa Barbara Cottage Hospital Program**

Santa Barbara Cottage Hospital  
Santa Barbara County Health Care Services

**Program Director:**

Andrew S Gersoff, MD  
Santa Barbara Cottage Hospital  
PO Box 689  
Santa Barbara, CA 93102  
805 569-7315

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 10)

**Program ID: 140-05-22-066**

\* Updated information not provided.

**Stanford**

**Stanford University Program**

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Kelley M Skeff, MD PhD  
Stanford University Medical Center  
Dept of Medicine S102C  
Stanford, CA 94305  
415 723-5334

*Length:* 3 Year(s) *Total Positions:* 90 (GYI: 35)

*Subspecialties:*  
CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID:** 140-05-21-068

**Stockton**

**San Joaquin General Hospital Program**

San Joaquin General Hospital

*Program Director:*

Sheela Kapre, MD  
San Joaquin General Hospital  
Box 1020  
Stockton, CA 95201  
209 468-6611

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 5)

**Program ID:** 140-05-12-069

**Torrance**

**Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Darryl Y Sue, MD  
Los Angeles County Harbor-UCLA Medical Center  
1000 W Carson St Box #400  
Torrance, CA 90509-2910  
310 222-2409

*Length:* 3 Year(s) *Total Positions:* 50 (GYI: 20)

*Subspecialties:* CCM,CD,END,HEM,ID,NEP,ON,PUD,RHU  
**Program ID:** 140-05-11-070

**Travis AFB**

**David Grant USAF Medical Center Program\***

David Grant Medical Center

*Program Director:*

Terrence J O'Neil, MD  
David Grant USAF Medical Center (AMC)  
101 Bodin Circle  
Travis AFB, CA 94535-1800  
707 423-3843

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 140-05-21-465

**Colorado**

**Aurora**

**Fitzsimons Army Medical Center Program**

Fitzsimons Army Medical Center

*Program Director:*

James F Hanley, MD  
Robert H Gates, MD  
Department of Medicine  
Fitzsimons Army Medical Center  
Aurora, CO 80045-5001  
303 361-8331

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 7)

*Subspecialties:* CD

**Program ID:** 140-07-12-005

**Denver**

**Presbyterian-St Luke's Medical Center Program**

Presbyterian-St Luke's Medical Center

*Program Director:*

Joseph I Matthews, MD  
Presbyterian-St Luke's Medical Center  
1719 E 19th Ave  
Denver, CO 80218  
303 839-6690

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 14)

**Program ID:** 140-07-31-071

**St Joseph Hospital Program**

St Joseph Hospital

*Program Director:*

Robert B Gibbons, MD  
St Joseph Hospital  
1835 Franklin St  
Denver, CO 80218-1191  
303 837-7836

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 18)

**Program ID:** 140-07-31-072

**University of Colorado Program**

University of Colorado Health Sciences Center

Denver Health and Hospitals

Rose Medical Center

Veterans Affairs Medical Center (Denver)

*Program Director:*

William Kaehny, MD  
University of Colorado Medical Center  
4200 E Ninth Ave  
Box B-177  
Denver, CO 80262  
303 270-7768

*Length:* 3 Year(s) *Total Positions:* 104 (GYI: 39)

*Subspecialties:*  
CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,RHU  
**Program ID:** 140-07-21-073

**Connecticut**

**Bridgeport**

**St Vincent's Medical Center Program**

St Vincent's Medical Center

*Program Director:*

Everett B Cooper, MD  
St Vincent's Medical Center  
Dept of Medicine  
2800 Main St  
Bridgeport, CT 06606  
203 576-5576

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 12)

**Program ID:** 140-08-11-075

**Yale University (Bridgeport) Program**

Bridgeport Hospital

*Program Director:*

David A Baker, MD  
Bridgeport Hospital  
267 Grant St  
Bridgeport, CT 06610-2870  
203 384-3792

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 10)

*Subspecialties:* CD,GE,PUD  
**Program ID:** 140-08-11-074

**Danbury**

**Danbury Hospital Program**

Danbury Hospital

*Program Director:*

Paul B Iannini, MD  
Danbury Hospital  
24 Hospital Ave  
Danbury, CT 06810  
203 797-7985

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 16)

**Program ID:** 140-08-11-076

**Derby**

**Griffin Hospital Program**

Griffin Hospital

*Program Director:*

Vincent A Deluca Jr, MD  
Griffin Hosp  
130 Division St  
Derby, CT 06418  
203 732-7325

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 9)

*Subspecialties:* GE

**Program ID:** 140-08-31-077

**Farmington**

**University of Connecticut (New Britain) Program**

University of Connecticut School of Medicine

Mount Sinai Hospital

New Britain General Hospital

Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

James L Bernene, MD  
University of Connecticut Health Center  
Dept of Medicine  
Farmington, CT 06030  
203 679-4017

*Length:* 3 Year(s) *Total Positions:* 60 (GYI: 20)

**Program ID:** 140-08-21-499

**University of Connecticut Program**

University of Connecticut School of Medicine

Hartford Hospital

St Francis Hospital and Medical Center

Univ of Connecticut Health Center/John Dempsey Hospital

Veterans Affairs Medical Center (Newington)

*Program Director:*

Richard A Garibaldi, MD  
University of Connecticut Health Center  
Dept of Internal Medicine  
Rm LG004 MC 3950  
Farmington, CT 06030  
203 679-3553

*Length:* 3 Year(s) *Total Positions:* 125 (GYI: 43)

*Subspecialties:* CD,END,GE,ID,IMG,NEP,PCC,RHU  
**Program ID:** 140-08-31-078

**Greenwich**

**Greenwich Hospital Association Program**

Greenwich Hospital

*Program Director:*

David Morris, MD  
Greenwich Hosp Assn  
Dept of Internal Medicine  
5 Perryridge Rd Rm 488 N  
Greenwich, CT 06830  
203 863-3913

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 13)

**Program ID:** 140-08-21-079

\* Updated information not provided.

**New Haven****Hospital of St Raphael Program**

Hospital of St Raphael  
*Program Director:*  
 Ernest D Moritz, MD  
 Hospital of Saint Raphael Dept of Internal Medicine  
 1450 Chapel St  
 New Haven, CT 06511  
 203 789-3202  
*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 21)  
*Subspecialties:* CD,GE,NEP  
**Program ID:** 140-08-31-084

**Yale-New Haven Medical Center (Waterbury) Program**

Yale-New Haven Hospital  
 St Mary's Hospital  
 Waterbury Hospital Health Center  
*Program Director:*  
 Stephen J Huot, MD PhD  
 Yale Primary Care Program  
 Dept of Internal Medicine  
 333 Cedar St Rm 87 LMP  
 New Haven, CT 06520-8033  
 203 785-7249  
*Length:* 3 Year(s) *Total Positions:* 71 (GYI: 33)  
**Program ID:** 140-08-21-496

**Yale-New Haven Medical Center Program\***

Yale-New Haven Hospital  
 Veterans Affairs Medical Center (West Haven)  
*Program Director:*  
 Rosemarie L Fisher, MD  
 Yale-New Haven Hospital  
 20 York St  
 New Haven, CT 06504  
 203 785-7113  
*Length:* 3 Year(s) *Total Positions:* 83 (GYI: 42)  
*Subspecialties:*  
 CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,RHU  
**Program ID:** 140-08-21-085

**Norwalk****Yale University/Norwalk Hospital Program**

Norwalk Hospital  
*Program Director:*  
 Joseph P Cleary, MD  
 Dept of Medicine  
 Norwalk Hospital  
 Maple St  
 Norwalk, CT 06856  
 203 852-2375  
*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 18)  
*Subspecialties:* CD,GE,PUD  
**Program ID:** 140-08-31-086

**Delaware****Wilmington****The Medical Center of Delaware Program**

The Medical Center of Delaware  
*Program Director:*  
 Virginia U Collier, MD  
 Dept of Medicine  
 PO Box 6001  
 Rm 6339  
 Newark, DE 19718  
 302 733-6344  
*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 14)  
**Program ID:** 140-09-11-090

**District of Columbia****Washington****District of Columbia General Hospital Program\***

District of Columbia General Hospital  
 Georgetown University Hospital  
*Program Director:*  
 Kamaljit Sethi, MD  
 District of Columbia General Hospital  
 Georgetown Dept of Medicine  
 19th St & Massachusetts Ave SE  
 Washington, DC 20003  
 202 676-7172  
*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 13)  
**Program ID:** 140-10-21-460

**George Washington University Program**

George Washington University School of Medicine  
 George Washington University Hospital  
 Veterans Affairs Medical Center (Washington DC)  
*Program Director:*  
 Beth Horowitz, MD  
 George Washington Univ Med Ctr  
 Dept of Medicine  
 2150 Pennsylvania Ave NW #5-422  
 Washington, DC 20037  
 202 994-3147  
*Length:* 3 Year(s) *Total Positions:* 78 (GYI: 20)  
*Subspecialties:*  
 CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,RHU  
**Program ID:** 140-10-21-093

**Georgetown University Program**

Georgetown University Hospital  
*Program Director:*  
 John M Eisenberg, MD  
 Georgetown Univ Med Ctr  
 Dept of Medicine/PHC-5  
 3800 Reservoir Rd NW  
 Washington, DC 20007  
 202 687-5037  
*Length:* 3 Year(s) *Total Positions:* 92 (GYI: 35)  
*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU  
**Program ID:** 140-10-21-091

**Howard University Program**

Howard University Hospital  
 District of Columbia General Hospital  
 Greater Southeast Community Hospital  
*Program Director:*  
 Adrian O Hosten, MD  
 Howard Univ Hosp  
 2041 Georgia Ave NW  
 Washington, DC 20060  
 202 865-6620  
*Length:* 3 Year(s) *Total Positions:* 83 (GYI: 33)  
*Subspecialties:*  
 CCM,CD,END,GE,HEM,ID,NEP,ON,PUD,RHU  
**Program ID:** 140-10-21-461

**Providence Hospital Program**

Providence Hospital  
*Program Director:*  
 Junette C Gibbons, MD  
 Providence Hosp  
 1150 Varnum St NE  
 Washington, DC 20017  
 202 269-7747  
*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 8)  
**Program ID:** 140-10-21-095

**Veterans Affairs Medical Center (Washington) Program**

Veterans Affairs Medical Center (Washington DC)  
*Program Director:*  
 James D Finkelstein, MD  
 Veterans Affairs Med Ctr  
 Med Serv (111)  
 50 Irving St NW  
 Washington, DC 20422  
 202 745-8121  
*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)  
**Program ID:** 140-10-21-096

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center  
*Program Director:*  
 Yancy Y Phillips, MD  
 Chief Dept of Medicine  
 Walter Reed Army Medical Center  
 6825 16th St NW  
 Washington, DC 20307-5001  
 202 782-6205  
*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 12)  
*Subspecialties:* CCM,CD,END,GE,ID,NEP,PUD,RHU  
**Program ID:** 140-10-11-006

**Washington Hospital Center Program**

Washington Hospital Center  
*Program Director:*  
 Leonard Wartofsky, MD  
 Dept of Medicine  
 Washington Hosp Ctr  
 110 Irving St NW  
 Washington, DC 20010-2975  
 202 877-6271  
*Length:* 3 Year(s) *Total Positions:* 67 (GYI: 35)  
*Subspecialties:* CD,GE,ID,NEP,RHU  
**Program ID:** 140-10-11-097

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
 Shands Hospital at the University of Florida  
 Veterans Affairs Medical Center (Gainesville)  
*Program Director:*  
 Craig C Kitchens, MD  
 Univ of Florida College of Medicine  
 Box 100277 JHMHC  
 Gainesville, FL 32610  
 904 846-0422  
*Length:* 3 Year(s) *Total Positions:* 63 (GYI: 28)  
*Subspecialties:*  
 CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID:** 140-11-21-098

**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)  
*Program Director:*  
 Linda M Robertson, MD  
 Univ of Florida Hlth Sci Ctr/Jacksonville  
 655 W Eighth St  
 Jacksonville, FL 32209  
 904 549-3075  
*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 20)  
*Subspecialties:* CD,END,GE,ID,ON  
**Program ID:** 140-11-21-099

\* Updated information not provided.



## Miami

### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Mark A Gelbard, MD  
Jackson Memorial Hospital Dept of Internal Medicine  
1611 NW 12th Ave  
Central Bldg Rm 600  
Miami, FL 33136  
305 585-6338

*Length:* 3 Year(s) *Total Positions:* 125 (GYI: 50)

*Subspecialties:* CCM,CD,END,GE,ID,IMG,NEP,PCC,RHU

**Program ID:** 140-11-21-100

## Miami Beach

### Mount Sinai Medical Center of Greater Miami Program

Mount Sinai Medical Center of Greater Miami

*Program Director:*

Kenneth R Ratzan, MD  
Mount Sinai Medical Center  
4300 Alton Rd  
Miami Beach, FL 33140  
305 674-2053

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 13)

*Subspecialties:* CD

**Program ID:** 140-11-12-101

## Orlando

### Orlando Regional Healthcare System Program

Orlando Regional Medical Center

*Program Director:*

Jerold J Fadem Jr, MD  
Dept of Internal Medicine  
Orlando Regional Healthcare System  
1414 S Orange Ave  
Orlando, FL 32806-2093  
800 895-4613

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 9)

**Program ID:** 140-11-31-102

## Tampa

### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Roy H Behnke, MD  
Univ of South Florida Coll of Med  
12901 Bruce B Downs Blvd Box 19  
Tampa, FL 33612-4799  
813 974-2271

*Length:* 3 Year(s) *Total Positions:* 67 (GYI: 25)

*Subspecialties:* CCM,CD,END,GE,ID,IMG,NEP,PUD,RHU

**Program ID:** 140-11-21-104

## Georgia

## Atlanta

### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Juha P Kokko, MD PhD  
Emory University School of Medicine  
Dept of Medicine  
69 Butler St SE  
Atlanta, GA 30303-3219  
404 616-3527

*Length:* 3 Year(s) *Total Positions:* 152 (GYI: 62)

*Subspecialties:* CD,END,GE,ID,IMG,NEP,PCC,RHU

**Program ID:** 140-12-21-105

### Georgia Baptist Medical Center Program

Georgia Baptist Medical Center

*Program Director:*

George W Meyer, MD  
Georgia Baptist Health Care System  
Box 423 303 Parkway Dr NE  
Dept of Internal Medicine  
Atlanta, GA 30312-1212  
404 265-4919

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID:** 140-12-12-106

### Morehouse School of Medicine Program

Morehouse School of Medicine  
Grady Memorial Hospital

*Program Director:*

James W Reed, MD  
Dept of Medicine  
Morehouse School of Medicine  
720 Westview Dr SW  
Atlanta, GA 30310-1495  
404 756-1325

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 14)

**Program ID:** 140-12-21-502

## Augusta

### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
University Hospital  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Daniel W Rahn, MD  
Medical College of Georgia  
Dept of Medicine BIW-540  
Augusta, GA 30912  
706 721-2423

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 26)

*Subspecialties:* CD,END,GE,ID,NEP,PCC,RHU

**Program ID:** 140-12-21-107

## Fort Gordon

### Dwight David Eisenhower Army Medical Center Program

Dwight David Eisenhower Army Medical Center

*Program Director:*

Walter J Moore, MD  
Dwight David Eisenhower Army Med Ctr  
Dept of Med  
Fort Gordon, GA 30905-5650  
706 791-6124

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID:** 140-12-22-458

## Macon

### Mercer University School of Medicine Program

Medical Center of Central Georgia

*Program Director:*

Stephen B Miller, MD  
Medical Center of Central Georgia  
724 Hemlock Street  
Macon, GA 31208  
912 633-1822

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

**Program ID:** 140-12-21-491

## Savannah

### Memorial Medical Center Program

Memorial Medical Center

*Program Director:*

Robert J DiBenedetto, MD  
James T Waller, MD  
Memorial Medical Center Inc  
PO Box 23089  
Savannah, GA 31403-3089  
912 350-8350

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 11)

**Program ID:** 140-12-12-108

## Hawaii

## Honolulu

### University of Hawaii Program

University of Hawaii John A Burns School of Medicine  
Kaiser Foundation Hospital (Moanalua)  
Kuakini Medical Center  
Queen's Medical Center  
St Francis Medical Center

*Program Director:*

Max G Botticelli, MD  
University of Hawaii Integrated Medical Residency  
Program  
1356 Lusitana St  
7th Fl  
Honolulu, HI 96813  
808 586-2910

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 18)

*Subspecialties:* IMG

**Program ID:** 140-14-21-109

## Tripler AMC

### Tripler Army Medical Center Program

Tripler Army Medical Center

*Program Director:*

Dale S Vincent, MD  
Dept of Medicine  
Tripler Army Medical Center  
Honolulu, HI 96859-5000  
808 433-5700

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID:** 140-14-11-007

**Illinois****Chicago****Columbus Hospital Program**

Columbus Hospital

*Program Director:*John P Quinn, MD  
Columbus Hospital  
2520 N Lakeview Ave  
Chicago, IL 60614  
312 883-6784*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)*Program ID:* 140-16-21-501**Cook County Hospital Program\***

Cook County Hospital

*Program Director:*Maurice Lemon, MD  
Cook County Hospital  
1825 W Harrison St  
Chicago, IL 60612  
312 633-6702*Length:* 3 Year(s) *Total Positions:* 142 (GYI: 68)*Subspecialties:* CD,END,GE,HEM,ON,PCC*Program ID:* 140-16-12-113**Edgewater Medical Center Program**

Edgewater Medical Center

*Program Director:*Claude Zanetti, MD  
Edgewater Medical Center  
5700 N Ashland Ave  
Chicago, IL 60660-4086  
312 878-6000*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 12)*Program ID:* 140-16-12-455**Illinois Masonic Medical Center Program**

Illinois Masonic Medical Center

*Program Director:*Catherine Kallal, MD  
Dept of Internal Medicine  
Illinois Masonic Medical Center  
836 Wellington Ave  
Chicago, IL 60657-5193  
312 296-7046*Length:* 3 Year(s) *Total Positions:* 61 (GYI: 23)*Subspecialties:* CD*Program ID:* 140-16-11-114**McGaw Medical Center of Northwestern University (Evanston) Program**Northwestern University Medical School  
Evanston Hospital*Program Director:*E Stephen Kurtides, MD  
Evanston Hospital  
2650 Ridge Ave  
Evanston, IL 60201-1781  
708 570-2510*Length:* 3 Year(s) *Total Positions:* 62 (GYI: 27)*Program ID:* 140-16-31-125**McGaw Medical Center of Northwestern University Program**Northwestern University Medical School  
Columbus Hospital

Northwestern Memorial Hospital

Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*Warren H Wallace, MD  
Northwestern Univ Med Schl  
Dept of Med  
250 E Superior Ste 296  
Chicago, IL 60611  
312 908-2252*Length:* 3 Year(s) *Total Positions:* 128 (GYI: 50)*Subspecialties:* CD,END,GE,HEM,ON,PCC,RHU*Program ID:* 140-16-21-119**Mercy Hospital and Medical Center Program\***

Mercy Hospital and Medical Center

*Program Director:*Howard E Sweeney, MD  
Mercy Hospital and Medical Center  
Stevenson Expressway at King Dr  
Medical Education-Room 2-701  
Chicago, IL 60616  
312 567-2053*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 15)*Program ID:* 140-16-11-116**Ravenswood Hospital Medical Center Program**

Ravenswood Hospital Medical Center

*Program Director:*Richard A Bloom, MD  
Internal Medicine Residency Program  
4550 N Winchester  
Chicago, IL 60640  
312 878-4300*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 12)*Program ID:* 140-16-11-120**Rush Medical College/Westlake Community Hospital Program**Rush-Presbyterian-St Luke's Medical Center  
Westlake Community Hospital*Program Director:*John E Martin, MD  
Westlake Community Hospital Int Medicine Residency Program  
1225 W Lake St  
Melrose Park, IL 60160  
708 681-3089*Length:* 3 Year(s) *Total Positions:* 49 (GYI: 15)*Program ID:* 140-16-11-454**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*Alan A Harris, MD  
Rush-Presbyterian-St. Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612-3864  
312 942-5352*Length:* 3 Year(s) *Total Positions:* 122 (GYI: 50)*Subspecialties:*

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU

*Program ID:* 140-16-11-121**St Joseph Hospital and Health Care Center Program**

St Joseph Health Care Centers and Hospital

*Program Director:*Serafino Garella, MD  
St Joseph Hospital  
2900 N Lake Shore Dr  
Chicago, IL 60657  
312 665-3021*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 26)*Program ID:* 140-16-11-122**University of Chicago (Weiss Memorial) Program**

Louis A Weiss Memorial Hospital

*Program Director:*Daniel Bertrand, MD  
Louis A Weiss Memorial Hospital Medical Education  
4646 N Marine Dr  
Chicago, IL 60640-9966  
312 878-8700*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 12)*Program ID:* 140-16-11-115**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*Holly J Humphrey, MD  
University of Chicago Medical Center  
5841 S Maryland Ave  
MC7082  
Chicago, IL 60637-1470  
312 702-1455*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 28)*Subspecialties:* CCM,CD,END,HO,IMG,NEP,PUD,RHU*Program ID:* 140-16-11-123**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago

University of Illinois Hospital and Clinics

Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*James P Whalen, MD  
University of Illinois Hospital  
840 S Wood St MC 787  
Chicago, IL 60612-7323  
312 996-7704*Length:* 3 Year(s) *Total Positions:* 94 (GYI: 32)*Subspecialties:* CD,GE,HO,ID,IMG,NEP,PCC,RHU*Program ID:* 140-16-21-124**University of Illinois College of Medicine at Chicago/Christ Hospital Program**

University of Illinois College of Medicine at Chicago

EHS Christ Hospital and Medical Center

*Program Director:*Stanley A Blumenthal, MD  
Christ Hospital  
4440 W 95th St  
Ste 314 S  
Oak Lawn, IL 60453-4213

708 346-5673

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 24)*Subspecialties:* CD*Program ID:* 140-16-21-129**University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program**

University of Illinois College of Medicine at Chicago

Michael Reese Hospital and Medical Center

*Program Director:*William H Chamberlin, MD  
Michael Reese Hospital and Med Ctr  
Dept of Medicine  
2929 S Ellis  
Chicago, IL 60616-3390  
312 791-2670*Length:* 3 Year(s) *Total Positions:* 66 (GYI: 23)*Subspecialties:* CD,END,HO*Program ID:* 140-16-11-117**Evanston****St Francis Hospital of Evanston Program\***

St Francis Hospital of Evanston

*Program Director:*Fred A Zar, MD  
St Francis Hospital of Evanston  
355 Ridge Ave  
Evanston, IL 60202-3399  
708 492-2237*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 23)*Subspecialties:* CD,HEM,ON*Program ID:* 140-16-11-126

\* Updated information not provided.

## Maywood

### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital  
MacNeal Memorial Hospital

*Program Director:*

Elizabeth B Frye, MD  
Dept of Medicine Rm 7611A  
2160 S First Ave  
Maywood, IL 60153  
708 216-5838

*Length:* 3 Year(s) *Total Positions:* 86 (GYI: 30)

*Subspecialties:*

CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
*Program ID:* 140-16-21-128

## North Chicago

### Finch University of Health Sciences/Chicago Medical School Program

Finch University of Health Sciences/Chicago Medical School

Mount Sinai Hospital Medical Center of Chicago  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*

Eric P Gall, MD  
Univ of Hlth Sci/The Chicago Med Schl  
Dept of Medicine  
333 Green Bay Rd  
North Chicago, IL 60064-3095  
708 578-3291

*Length:* 3 Year(s) *Total Positions:* 74 (GYI: 25)

*Subspecialties:* CCM,CD,END,GE,HO,ID,IMG,PUD  
*Program ID:* 140-16-21-111

## Oak Park

### West Suburban Hospital Medical Center Program

West Suburban Hospital Medical Center

*Program Director:*

Max L Harris, MD  
West Suburban Hospital Medical Center  
IM Residency Suite L-600  
Erie at Austin  
Oak Park, IL 60302  
708 389-6200

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 6)

*Program ID:* 140-16-21-467

## Park Ridge

### University of Chicago (Park Ridge) Program

Lutheran General Hospital

*Program Director:*

William J Arnold, MD  
Lutheran General Hospital  
1775 Dempster St  
Park Ridge, IL 60068-1174  
708 696-6200

*Length:* 3 Year(s) *Total Positions:* 80 (GYI: 29)

*Subspecialties:* CD,GE

*Program ID:* 140-16-21-130

## Peoria

### University of Illinois College of Medicine at Peoria Program

University of Illinois College of Medicine at Peoria  
St Francis Medical Center

*Program Director:*

Dennis Crnkovich, MD  
St Francis Medical Center  
530 NE Glen Oak  
Peoria, IL 61637  
309 655-2730

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 17)

*Program ID:* 140-16-31-131

## Springfield

### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

David E Steward, MD  
Southern Illinois University School of Medicine  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-0193

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 18)

*Subspecialties:* END,GE,ID,PUD

*Program ID:* 140-16-21-132

## Urbana

### University of Illinois College of Medicine at Urbana Program

University of Illinois College of Medicine at Urbana  
Carle Foundation Hospital  
Covenant Medical Center  
Veterans Affairs Medical Center (Danville)

*Program Director:*

Robert W Kirby, MD  
Timothy Deppe, MD  
University of Illinois  
Dept of Internal Medicine  
611 W Park St  
Urbana, IL 61801  
217 383-3110

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 16)

*Program ID:* 140-16-21-456

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Richard B Kohler, MD  
Indiana University Medical Center  
545 Barnhill Dr  
Emerson Hall 317  
Indianapolis, IN 46202-5124  
317 274-7763

*Length:* 3 Year(s) *Total Positions:* 107 (GYI: 37)

*Subspecialties:* CD,END,GE,HO,ID,IMG,NEP,PCC,RHU

*Program ID:* 140-17-21-133

## Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Richard W Campbell, MD  
Methodist Hospital of Indiana  
1-65 At 21st St  
P O Box 1367  
Indianapolis, IN 46206-1367  
317 929-8556

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Subspecialties:* CD,NEP,PUD

*Program ID:* 140-17-11-134

### St Vincent Hospital and Health Care Center Program\*

St Vincent Hospital and Health Care Center

*Program Director:*

Robert D Robinson, MD  
St Vincent Hospital and Health Services  
2001 W 86th St PO Box 40509  
Indianapolis, IN 46260  
317 338-2172

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 22)

*Program ID:* 140-17-11-135

## Muncie

### Ball Memorial Hospital Program

Ball Memorial Hospital

*Program Director:*

William B Fisher, MD  
Daryl Morrill, MD  
Ball Memorial Hospital  
2401 University Ave  
Muncie, IN 47303  
317 747-4350

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 5)

*Program ID:* 140-17-11-136

## Iowa

### Des Moines

#### University of Iowa (Des Moines) Program

Iowa Methodist Medical Center  
Veterans Affairs Medical Center (Des Moines)

*Program Director:*

Nathan Josephson, MD  
Iowa Methodist Medical Center  
1200 Pleasant St  
Des Moines, IA 50309  
515 241-5995

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)

*Program ID:* 140-18-31-137

## Iowa City

#### University of Iowa Hospitals and Clinics Program\*

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Francois M Abboud, MD  
University of Iowa Hospitals and Clinic  
Dept of Internal Medicine  
Iowa City, IA 52242-1009  
319 356-2745

*Length:* 3 Year(s) *Total Positions:* 108 (GYI: 41)

*Subspecialties:* CD,END,GE,HO,ID,NEP,PCC,RHU

*Program ID:* 140-18-21-138

\* Updated information not provided.

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
Bethany Medical Center  
Stormont-Vail Regional Medical Center  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

Norton J Greenberger, MD  
University of Kansas Medical Center  
Dept of Medicine  
3901 Rainbow Blvd  
Kansas City, KS 66160-7350  
913 588-6001

*Length:* 3 Year(s) *Total Positions:* 98 (GYI: 32)

*Subspecialties:*

CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID:** 140-19-21-139

**Wichita****University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
St Francis Regional Medical Center  
Veterans Affairs Medical Center (Wichita)  
Wesley Medical Center

*Program Director:*

Garold O Minns, MD  
Dept of Internal Medicine  
1010 N Kansas  
Wichita, KS 67214  
316 261-2650

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 17)

**Program ID:** 140-19-21-140

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Robert W Lightfoot, MD  
Univ of Kentucky College of Medicine  
Dept of Education  
J511 Kentucky Clinic Bldg  
Lexington, KY 40536-0284  
606 323-1003

*Length:* 3 Year(s) *Total Positions:* 64 (GYI: 24)

*Subspecialties:*

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,RHU  
**Program ID:** 140-20-21-141

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Richard N Redinger, MD  
Dept of Medicine  
Univ of Louisville  
Louisville, KY 40292  
502 852-7932

*Length:* 3 Year(s) *Total Positions:* 74 (GYI: 34)

*Subspecialties:*

CD,END,GE,HO,ID,NEP,PUD,RHU  
**Program ID:** 140-20-31-142

**Louisiana****Baton Rouge****Louisiana State University (Baton Rouge) Program**

Earl K Long Medical Center

*Program Director:*

George H Karam, MD  
Earl K Long Med Ctr  
Dept of Medicine  
5825 Airline Hwy  
Baton Rouge, LA 70805-2498  
504 358-1065

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 12)

**Program ID:** 140-21-21-507

**Lafayette****Louisiana State University (Lafayette) Program**

University Medical Center (Lafayette)

*Program Director:*

Leela LakshmiPrasad, MD  
University Medical Center  
2390 W Congress St  
PO Box 4016-C  
Lafayette, LA 70506-4016  
318 261-6789

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 11)

**Program ID:** 140-21-11-144

**New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation  
Leonard J Chabert Medical Center

*Program Director:*

Donald T Erwin, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4096

*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 24)

*Subspecialties:* CD,END,GE,ID,ON,PUD,RHU

**Program ID:** 140-21-22-146

**Louisiana State University Program**

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus

*Program Director:*

Charles W Hilton, MD  
LSU Med Ctr Dept of Med  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4600

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 16)

*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU

**Program ID:** 140-21-21-143

**Tulane University Program**

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane  
Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

William C Steinmann, MD  
Tulane University Medical School  
Department of Medicine SL-50  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 582-7811

*Length:* 3 Year(s) *Total Positions:* 78 (GYI: 41)

*Subspecialties:* CCM,CD,END,GE,HO,ID,NEP,PUD

**Program ID:** 140-21-21-147

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*

Glenn Mills, MD  
Louisiana State University Medical Center Hospital  
Medical Education - Internal Med  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
312 675-5970

*Length:* 3 Year(s) *Total Positions:* 58 (GYI: 23)

*Subspecialties:* CCM,CD,END,GE,HO,ID,NEP,PCC,RHU

**Program ID:** 140-21-21-148

**Maine****Portland****Maine Medical Center Program**

Maine Medical Center

*Program Director:*

John Tooker, MD  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102  
207 871-2651

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 18)

*Subspecialties:* CD,END,ID,NEP

**Program ID:** 140-22-11-149

**Maryland****Baltimore****Franklin Square Hospital Center Program**

Franklin Square Hospital Center

*Program Director:*

Daniel C Hardesty, MD  
Franklin Square Hospital Center  
Dept of Medicine  
8000 Franklin Sq Dr  
Baltimore, MD 21237-3998  
800 688-8169

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 14)

**Program ID:** 140-23-12-151

\* Updated information not provided.

**Good Samaritan Hospital of Maryland Program**

Good Samaritan Hospital of Maryland  
Johns Hopkins Hospital

*Program Director:*

John F Rogers, MD  
Good Samaritan Hospital  
Morgan 504

5601 Loch Raven Blvd  
Baltimore, MD 21239-2995  
410 532-4860

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 10)

*Program ID:* 140-23-21-489

**Greater Baltimore Medical Center Program\***

Greater Baltimore Medical Center

*Program Director:*

Thomas F Lansdale III, MD  
Greater Baltimore Med Ctr  
Dept of Medicine

6701 N Charles St  
Baltimore, MD 21204  
301 828-2682

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 16)

*Program ID:* 140-23-31-152

**Harbor Hospital Center Program**

Harbor Hospital Center

*Program Director:*

Richard B Williams, MD  
Harbor Hospital Center  
3001 S Hanover St

Baltimore, MD 21225-1290  
301 347-3565

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 13)

*Subspecialties:* CCM

*Program ID:* 140-23-31-158

**Johns Hopkins University Bayview Medical Center Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center

*Program Director:*

Philip D Zieve, MD  
Johns Hopkins Bayview Medical Center  
4940 Eastern Ave

Baltimore, MD 21224  
410 550-0516

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 15)

*Subspecialties:* GE,NEP

*Program ID:* 140-23-11-150

**Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Bart Chernow, MD  
Johns Hopkins Hospital  
Dept of Medicine

1830 E Monument St  
Baltimore, MD 21205  
410 955-7910

*Length:* 3 Year(s) *Total Positions:* 101 (GYI: 35)

*Subspecialties:*

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU

*Program ID:* 140-23-11-153

**Maryland General Hospital Program**

Maryland General Hospital

*Program Director:*

William C Anthony, MD  
Maryland General Hospital  
827 Linden Ave

Ste 3B Armory Bldg  
Baltimore, MD 21201  
410 225-8790

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 18)

*Program ID:* 140-23-11-154

**Sinai Hospital of Baltimore Program**

Sinai Hospital of Baltimore

*Program Director:*

Bart Chernow, MD  
Sinai Hospital of Baltimore  
Suite 56

2435 W Belvedere Ave  
Baltimore, MD 21215-5271  
410 578-6256

*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 25)

*Program ID:* 140-23-12-157

**St Agnes Hospital of the City of Baltimore Program\***

St Agnes Hospital of the City of Baltimore

*Program Director:*

Emile R Mohler Jr, MD  
St Agnes Hospital of the City of Baltimore  
900 Caton Ave

Baltimore, MD 21229-5299  
410 368-3120

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 12)

*Program ID:* 140-23-12-156

**Union Memorial Hospital Program**

Union Memorial Hospital

*Program Director:*

Robert P Ferguson, MD  
Union Memorial Hospital  
201 E University Pkwy

Baltimore, MD 21218-2895  
410 554-2284

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 12)

*Program ID:* 140-23-12-159

**University of Maryland Program**

University of Maryland Medical System

Mercy Medical Center

Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Susan D Wolfsthal, MD  
University of Maryland Hospital  
22 S Greene St

Room N3E09  
Baltimore, MD 21201-1595  
410 328-2388

*Length:* 3 Year(s) *Total Positions:* 97 (GYI: 39)

*Subspecialties:*

CCM,CD,END,GE,HO,ID,IMG,NEP,PUD,RHU

*Program ID:* 140-23-21-160

**Bethesda**

**National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)

*Program Director:*

John F Eisold, MD  
National Naval Medical Center  
Dept of Int Med

8901 Wisconsin Ave  
Bethesda, MD 20889-5000  
301 295-0920

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 21)

*Subspecialties:* CCM,CD,END,GE,HEM,ID,NEP,ON,PUD

*Program ID:* 140-23-11-013

**Cheverly**

**Prince George's Hospital Center Program\***

Prince George's Hospital Center

*Program Director:*

Samuel Needleman, MD  
Prince George's General Hospital  
Dept of Medicine

3001 Hospital Dr  
Cheverly, MD 20785  
301 618-3772

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 14)

*Program ID:* 140-23-21-161

**Massachusetts**

**Boston**

**Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*

Anthony N Hollenberg, MD  
Beth Israel Hospital  
330 Brookline Ave

Boston, MA 02215  
617 735-2266

*Length:* 3 Year(s) *Total Positions:* 108 (GYI: 43)

*Subspecialties:* CD,END,GE,IMG,NEP

*Program ID:* 140-24-21-162

**Boston University Program**

Boston University School of Medicine

Boston City Hospital

Boston University Medical Center-University Hospital

Veterans Affairs Medical Center (Boston)

*Program Director:*

Norman G Levinsky, MD  
Boston Univ School of Medicine  
80 E Concord St

Boston, MA 02118-2393  
617 594-4263

*Length:* 3 Year(s) *Total Positions:* 137 (GYI: 51)

*Subspecialties:* CCM,HO,IMG

*Program ID:* 140-24-31-164

**Brigham and Women's Hospital Program\***

Brigham and Women's Hospital

Brockton-West Roxbury Veterans Affairs Medical Center

*Program Director:*

Marshall A Wolf, MD  
Brigham and Women's Hospital  
75 Francis St

Boston, MA 02115  
617 732-6330

*Length:* 3 Year(s) *Total Positions:* 109 (GYI: 48)

*Subspecialties:*

CCM,CD,END,GE,HEM,ID,NEP,ON,PUD,RHU

*Program ID:* 140-24-21-172

**Carney Hospital Program**

Carney Hospital

*Program Director:*

Richard A Gleckman, MD  
Carney Hospital  
2100 Dorchester Ave

Boston, MA 02124-5666  
617 296-4000

*Length:* 3 Year(s) *Total Positions:* 53 (GYI: 26)

*Program ID:* 140-24-11-166

\* Updated information not provided.

**Massachusetts General Hospital Program\***

Massachusetts General Hospital

*Program Director:*

Debra F Weinstein, MD  
Massachusetts General Hospital  
Medical Services  
14 Fruit St  
Boston, MA 02114  
617 726-2862

*Length:* 3 Year(s) *Total Positions:* 96 (GYI: 44)

*Subspecialties:*

CCM,CD,END,GE,HEM,ID,NEP,ON,PUD,RHU  
**Program ID:** 140-24-11-169

**New England Deaconess Hospital Program**

New England Deaconess Hospital

*Program Director:*

Robert C Moellering Jr, MD  
Deaconess Hospital  
Department of Medicine LMOB6A  
One Deaconess Rd  
Boston, MA 02215  
617 632-8586

*Length:* 3 Year(s) *Total Positions:* 74 (GYI: 30)

*Subspecialties:* CD,END,GE,HO,ID,NEP,PCC,PUD

**Program ID:** 140-24-21-170

**New England Medical Center Hospitals Program**

New England Medical Center Hospitals

Faulkner Hospital

*Program Director:*

Richard I Kopelman, MD  
New England Medical Center  
750 Washington St  
Box 21  
Boston, MA 02111  
617 956-5246

*Length:* 3 Year(s) *Total Positions:* 78 (GYI: 36)

*Subspecialties:* CD,END,GE,HO,ID,NEP,PCC,RHU

**Program ID:** 140-24-21-171

**St Elizabeth's Medical Center of Boston Program\***

St Elizabeth's Medical Center of Boston

*Program Director:*

Kenneth F MacDonnell, MD  
St Elizabeth's Hospital of Boston  
736 Cambridge St  
Boston, MA 02135  
617 789-2548

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 24)

*Subspecialties:* CD,GE,HEM,ON,PCC

**Program ID:** 140-24-21-173

**Burlington****Lahey Clinic Program\***

Lahey Clinic

*Program Director:*

Guy T Napolitana, MD  
41 Mall Rd  
Dept of Medicine  
Burlington, MA 01805  
617 273-8367

*Length:* 3 Year(s)

**Program ID:** 140-24-21-511

**Cambridge****Cambridge Hospital Program**

Cambridge Hospital

*Program Director:*

Richard J Pels, MD  
Cambridge Hospital  
Dept of Medicine  
1493 Cambridge St  
Cambridge, MA 02139  
617 498-1021

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 7)

**Program ID:** 140-24-11-175

**Mount Auburn Hospital Program**

Mount Auburn Hospital

*Program Director:*

Charles J Hatem, MD  
Mount Auburn Hospital  
330 Mount Auburn St  
Cambridge, MA 02238  
617 499-5140

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 22)

**Program ID:** 140-24-11-176

**Framingham****MetroWest Medical Center Program**

MetroWest Medical Center

*Program Director:*

Thomas L Treadwell, MD  
MetroWest Medical Center  
115 Lincoln St  
Framingham, MA 01701  
508 383-1572

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 8)

**Program ID:** 140-24-21-177

**Newton Lower Falls****Newton-Wellesley Hospital Program**

Newton-Wellesley Hospital

*Program Director:*

Henry M Yager, MD  
Newton-Wellesley Hospital  
2014 Washington St  
Newton Lower Falls, MA 02162  
617 243-6467

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 13)

**Program ID:** 140-24-11-178

**Pittsfield****Berkshire Medical Center Program**

Berkshire Medical Center

*Program Director:*

Jack D McCue, MD  
Berkshire Medical Center  
725 North St  
Pittsfield, MA 01201  
413 447-2839

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 14)

**Program ID:** 140-24-11-179

**Salem****Salem Hospital Program**

Salem Hospital

*Program Director:*

Herbert L Cooper, MD  
Salem Hospital  
81 Highland Ave  
Salem, MA 01970  
508 744-0200

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 9)

**Program ID:** 140-24-12-180

**Springfield****Baystate Medical Center Program**

Baystate Medical Center

*Program Director:*

Robert D Ficalora, MD  
Baystate Medical Center  
Dept of Internal Medicine  
759 Chestnut St  
Springfield, MA 01199  
413 784-5249

*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 20)

*Subspecialties:* CD,END,HO,ID

**Program ID:** 140-24-11-181

**Worcester****Medical Center of Central Massachusetts Program**

Medical Center of Central Massachusetts

*Program Director:*

Annmarie Errichetti, MD  
The Medical Center of Central Massachusetts-Memorial  
119 Belmont St  
Worcester, MA 01605-2982  
508 793-6488

*Length:* 3 Year(s) *Total Positions:* 59 (GYI: 23)

**Program ID:** 140-24-31-182

**St Vincent Hospital Program**

St Vincent Hospital

*Program Director:*

Gilbert E Levinson, MD  
Dept of Medicine  
St Vincent Hospital  
25 Winthrop St  
Worcester, MA 01604-4593  
508 798-6178

*Length:* 3 Year(s) *Total Positions:* 47 (GYI: 18)

*Subspecialties:* CD

**Program ID:** 140-24-11-183

**University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*

David M Clive, MD  
Univ of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-2173

*Length:* 3 Year(s) *Total Positions:* 70 (GYI: 27)

*Subspecialties:*

CCM,CD,END,GE,HO,ID,IMG,NEP,PUD,RHU

**Program ID:** 140-24-21-184

**Michigan****Ann Arbor****St Joseph Mercy Hospital Program**

St Joseph Mercy Hospital (Catherine McAuley Health System)

*Program Director:*

David R Scrase, MD  
CMHS/St Joseph Mercy Hospital  
Dept of Internal Medicine  
PO Box 995  
Ann Arbor, MI 48106  
313 712-3935

*Length:* 3 Year(s) *Total Positions:* 50 (GYI: 22)

**Program ID:** 140-25-12-186

\* Updated information not provided.

**University of Michigan Program**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
Joseph C Kolars, MD  
Univ of Michigan Hospitals  
Internal Med-3110 TC Box 0368  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0368  
313 936-4385

*Length:* 3 Year(s) *Total Positions:* 98 (*GYI:* 35)  
*Subspecialties:*  
CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID:** 140-25-21-187

**Dearborn**

**Oakwood Hospital Program**

Oakwood Hospital  
*Program Director:*  
Nicholas J Lekas, MD  
Oakwood Hospital  
18101 Oakwood Blvd  
PO Box 2500  
Dearborn, MI 48123-2500  
313 593-7796

*Length:* 3 Year(s) *Total Positions:* 28 (*GYI:* 11)  
**Program ID:** 140-25-31-188

**Detroit**

**Henry Ford Hospital Program**

Henry Ford Hospital  
*Program Director:*  
Michael Lesch, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-1888

*Length:* 3 Year(s) *Total Positions:* 100 (*GYI:* 40)  
*Subspecialties:* CCM,CD,END,GE,HO,ID,NEP,PCC,RHU  
**Program ID:** 140-25-11-189

**Sinai Hospital Program**

Sinai Hospital  
*Program Director:*  
Robert E Bloom, MD  
Sinai Hospital  
Medical Staff Services  
6767 W Outer Dr  
Detroit, MI 48235-2899  
313 493-5780

*Length:* 3 Year(s) *Total Positions:* 57 (*GYI:* 29)  
*Subspecialties:* CD,GE,PUD,RHU  
**Program ID:** 140-25-11-192

**St John Hospital and Medical Center Program**

St John Hospital and Medical Center  
*Program Director:*  
Mary Beth Hardwicke, MD  
St John Hospital and Medical Center  
Dept of Med Educ  
22101 Moross Rd  
Detroit, MI 48236  
313 343-3875

*Length:* 3 Year(s) *Total Positions:* 36 (*GYI:* 12)  
*Subspecialties:* ID,NEP  
**Program ID:** 140-25-11-191

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*  
Jack R Ebright, MD  
Wayne State University/Detroit Medical School  
4201 St Antoine 5-D  
Detroit, MI 48201  
313 745-4896

*Length:* 3 Year(s) *Total Positions:* 111 (*GYI:* 39)  
*Subspecialties:*  
CCM,CD,END,GE,ID,IMG,NEP,ON,PUD,RHU  
**Program ID:** 140-25-21-194

**Wayne State University/Grace Hospital Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Grace Hospital

*Program Director:*  
Mohamed Siddique, MD  
Grace Hospital  
6071 W Outer Dr  
Detroit, MI 48235  
313 966-4970

*Length:* 3 Year(s) *Total Positions:* 36 (*GYI:* 12)  
**Program ID:** 140-25-21-506

**East Lansing**

**Michigan State University Program**

Michigan State University College of Human Medicine  
Michigan Capital Medical Center  
Michigan State University Clinical Center  
Sparrow Hospital  
St Lawrence Hospital and HealthCare Services

*Program Director:*  
Patrick C Alguire, MD  
B301 Clinical Center  
Michigan State University  
East Lansing, MI 48824-1315  
517 353-5100

*Length:* 3 Year(s) *Total Positions:* 28 (*GYI:* 10)  
*Subspecialties:* GE,HEM,ON,PUD  
**Program ID:** 140-25-21-195

**Flint**

**Hurley Medical Center/Michigan State University Program**

Hurley Medical Center  
*Program Director:*  
Barbara A McIntosh, MD  
Hurley Medical Center  
One Hurley Plaza  
Flint, MI 48503-5993  
810 257-9682

*Length:* 3 Year(s) *Total Positions:* 30 (*GYI:* 10)  
**Program ID:** 140-25-31-196

**McLaren Regional Medical Center/Michigan State University Program**

McLaren Regional Medical Center  
*Program Director:*  
Susan J Smith, MD  
McLaren Regional Medical Center/Michigan State University  
Residency Prgm in Internal Medicine  
401 S Ballenger Hwy  
Flint, MI 48532-3685  
810 762-2063

*Length:* 3 Year(s) *Total Positions:* 32 (*GYI:* 12)  
**Program ID:** 140-25-21-471

**Grand Rapids**

**Blodgett Memorial Medical Center/St Mary's Health Services Program**

Blodgett Memorial Medical Center  
St Mary's Health Services

*Program Director:*  
David D Baumgartner, MD  
Blodgett Memorial Med Ctr  
Med Educ Office  
1840 Wealthy SE  
Grand Rapids, MI 49506  
616 774-7730

*Length:* 3 Year(s) *Total Positions:* 26 (*GYI:* 8)  
**Program ID:** 140-25-21-197

**Butterworth Hospital/Michigan State University Program**

Butterworth Hospital  
*Program Director:*  
Iris F Boettcher, MD  
Internal Medicine Residency  
21 Michigan St NE  
Ste 430  
Grand Rapids, MI 49503  
616 732-3775

*Length:* 3 Year(s) *Total Positions:* 24 (*GYI:* 8)  
**Program ID:** 140-25-31-198

**Grosse Pointe**

**Bon Secours Hospital Program**

Bon Secours Hospital  
*Program Director:*  
Ralph D Cushing, MD  
Bon Secours Hospital  
468 Cadieux Rd  
Grosse Pointe, MI 48230  
313 343-1493

*Length:* 3 Year(s) *Total Positions:* 18 (*GYI:* 6)  
**Program ID:** 140-25-21-469

**Kalamazoo**

**Kalamazoo Center for Medical Studies/Michigan State University Program**

Kalamazoo Center for Medical Studies  
Borgess Medical Center  
Bronson Methodist Hospital

*Program Director:*  
Kenneth A Fisher, MD  
Michigan State Univ Kalamazoo Ctr for Med Studies  
1000 Oakland Dr  
Kalamazoo, MI 49008  
616 337-6353

*Length:* 3 Year(s) *Total Positions:* 38 (*GYI:* 15)  
**Program ID:** 140-25-21-199

**Pontiac**

**St Joseph Mercy Hospital Program**

St Joseph Mercy Community HealthCare System  
*Program Director:*  
Frank E Check Jr, MD

St Joseph Mercy Hospital  
900 Woodward Ave  
Pontiac, MI 48341-2985  
313 858-3233

*Length:* 3 Year(s) *Total Positions:* 46 (*GYI:* 15)  
**Program ID:** 140-25-11-200

\* Updated information not provided.

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Leslie L. Rocher, MD  
 William Beaumont Hospital  
 3601 W 13 Mile Rd  
 Royal Oak, MI 48073-6769  
 810 551-0404

*Length:* 3 Year(s) *Total Positions:* 51 (GYI: 19)*Subspecialties:* CD,GE,HEM,ID,ON**Program ID:** 140-25-12-201**Saginaw****Saginaw Cooperative Hospitals Program**

Saginaw Cooperative Hospitals Inc  
 Saginaw General Hospital  
 St Luke's Hospital  
 St Mary's Medical Center

*Program Director:*

Phillip W Lambert, MD  
 Saginaw Cooperative Hospitals  
 1000 Houghton Ste 1000  
 Saginaw, MI 48602  
 517 771-6826

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 140-25-31-202**Southfield****Providence Hospital Program**

Providence Hospital

*Program Director:*

Jeffrey M Zaks, MD  
 Providence Hospital  
 16001 W Ninth Mile Rd  
 Dept of Med  
 Southfield, MI 38075  
 810 424-3151

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 10)*Subspecialties:* CD,GE,ON**Program ID:** 140-25-11-203**Minnesota****Minneapolis****Abbott-Northwestern Hospital Program**

Abbott-Northwestern Hospital

*Program Director:*

Terry K Rosborough, MD  
 Abbott-Northwestern Hospital  
 Medical Education Office (11135)  
 800 E 28th St  
 Minneapolis, MN 55407-3799  
 612 863-4213

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)**Program ID:** 140-26-31-204**Hennepin County Medical Center Program**

Hennepin County Medical Center

*Program Director:*

Brian H Rank, MD  
 Hennepin County Medical Center  
 701 Park Ave  
 Minneapolis, MN 55415  
 612 347-4733

*Length:* 3 Year(s) *Total Positions:* 59 (GYI: 16)*Subspecialties:* CCM,NEP,RHU**Program ID:** 140-26-31-207**University of Minnesota Program**

University of Minnesota Medical School  
 St Paul-Ramsey Medical Center  
 University of Minnesota Hospital and Clinic  
 Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Connie Parenti, MD  
 Univ of Minnesota Hosp & Clinics  
 Box 194 UMHC/Dept of Medicine  
 516 Delaware St SE  
 Minneapolis, MN 55455  
 612 626-5031

*Length:* 3 Year(s) *Total Positions:* 112 (GYI: 32)*Subspecialties:*

CCM,CD,END,GE,HO,ID,IMG,NEP,PUD,RHU

**Program ID:** 140-26-21-205**Rochester****Mayo Graduate School of Medicine (Jacksonville) Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Jacksonville)  
 St Luke's Hospital

*Program Director:*

Joseph Kaplan, MD  
 Graduate Resident Education Center  
 Mayo Clinic Jacksonville  
 4500 San Pablo Rd  
 Jacksonville, FL 32224  
 904 296-3865

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 140-11-21-509**Mayo Graduate School of Medicine (Scottsdale) Program\***

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Scottsdale)  
 Scottsdale Memorial Hospital-North

*Program Director:*

Philip J Lyng, MD  
 Mayo Clin Scottsdale  
 Dept of Internal Med  
 13400 E Shea Blvd  
 Scottsdale, AZ 85259  
 602 391-8000

*Length:* 3 Year(s)**Program ID:** 140-03-21-512**Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Rochester)  
 Rochester Methodist Hospital  
 St Mary's Hospital of Rochester

*Program Director:*

Henry J Schultz, MD  
 Siebens 650 Internal Medicine  
 Mayo Clinic  
 Rochester, MN 55905  
 507 284-1477

*Length:* 3 Year(s) *Total Positions:* 167 (GYI: 75)*Subspecialties:*

CCM,CD,END,GE,HO,ID,IMG,NEP,PCC,RHU

**Program ID:** 140-26-21-208**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
 University Hospital  
 Veterans Affairs Medical Center (Jackson)

*Program Director:*

Shirley Schlessinger, MD  
 University Hospital Dept of Medicine  
 2500 N State St  
 Jackson, MS 39216-4505  
 601 984-5530

*Length:* 3 Year(s) *Total Positions:* 62 (GYI: 24)*Subspecialties:* CD,GE,ID,NEP,ON,PUD**Program ID:** 140-27-21-209**Keesler AFB****Keesler Medical Center Program**

Keesler Medical Center

*Program Director:*

Stephen A Brietzke, MD  
 81 MDG/SGOM  
 301 Fisher St Ste 401  
 Keesler AFB, MS 39534-2531  
 601 377-6075

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 12)**Program ID:** 140-27-12-001**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
 Harry S Truman Memorial Veterans Hospital  
 University and Children's Hospital

*Program Director:*

William P Patterson, MD  
 Univ of Missouri Health Sciences Center  
 M A-409 Medical Science Bldg  
 Columbia, MO 65212  
 314 882-6198

*Length:* 3 Year(s) *Total Positions:* 53 (GYI: 19)*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU**Program ID:** 140-28-21-210**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
 St Luke's Hospital  
 Truman Medical Center-West

*Program Director:*

George Reisz, MD  
 Univ of Missouri Kansas City School of Medicine  
 Internal Medicine Residency Program  
 2411 Holmes St  
 Kansas City, MO 64108  
 816 881-6212

*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 24)*Subspecialties:* CD,END,GE,HO,ID,NEP**Program ID:** 140-28-31-214

\* Updated information not provided.



St Louis

Barnes Hospital Group Program

Barnes Hospital
Program Director: Daniel M Goodenberger, MD
William E Clutter, MD
Barnes Hosp Dept of Internal Med
660 S Euclid Ave
Box 8121
St Louis, MO 63110
314 362-8065
Length: 3 Year(s) Total Positions: 89 (GYI: 35)
Subspecialties: CD,END,GE,ID,NEP,RHU
Program ID: 140-28-21-215

Deaconess Hospital Program

Deaconess Hospital
Program Director: M R Hill, MD
Deaconess Hosp
6150 Oakland Ave
St Louis, MO 63139-3297
314 768-3006
Length: 3 Year(s) Total Positions: 32 (GYI: 12)
Program ID: 140-28-11-216

St John's Mercy Medical Center Program

St John's Mercy Medical Center
Program Director: Patrick H Henry, MD
Dept of Internal Medicine
615 S New Ballas Rd
St Louis, MO 63141-8277
314 569-6959
Length: 3 Year(s) Total Positions: 21 (GYI: 7)
Program ID: 140-28-31-217

St Louis University Group of Hospitals Program

St Louis University School of Medicine
St Louis University Hospital
Veterans Affairs Medical Center (St Louis)
Program Director: Coy D Fitch, MD
St Louis Univ Schl of Med
1402 S Grand Blvd
St Louis, MO 63104
314 577-8760
Length: 3 Year(s) Total Positions: 65 (GYI: 25)
Subspecialties: CCM,CD,END,GE,HO,ID,IMG,NEP,PCC,RHU
Program ID: 140-28-21-218

St Luke's Hospital Program

St Luke's Hospital
St Louis Regional Medical Center
Program Director: Leon R Robison, MD
St Luke's Hospital
222 S Woods Mill Rd Ste 760 N
St Louis, MO 63017
314 851-6050
Length: 3 Year(s) Total Positions: 53 (GYI: 18)
Subspecialties: CD
Program ID: 140-28-21-219

St Mary's Health Center Program

St Mary's Health Center
Program Director: Morey Gardner, MD
St Mary's Health Center
6420 Clayton Rd
St Louis, MO 63117
314 768-8887
Length: 3 Year(s) Total Positions: 18 (GYI: 12)
Program ID: 140-28-11-220

Washington University Program

Jewish Hospital of St Louis
Program Director: Stephen S Lefrak, MD
The Jewish Hosp at Washington Univ Med Ctr
Dept of Internal Medicine
216 S Kingshighway Blvd
St Louis, MO 63110
314 454-7116
Length: 3 Year(s) Total Positions: 64 (GYI: 30)
Subspecialties: CD,IMG,NEP
Program ID: 140-28-21-221

Nebraska

Omaha

Creighton University Program

Creighton/Nebraska University Health Foundation
AMI St Joseph Hospital at Creighton Univ Medical Center
Veterans Affairs Medical Center (Omaha)
Program Director: Walter J O'Donohue Jr, MD
Creighton University
601 N 30th St
Suite 5850
Omaha, NE 68131
402 280-4392
Length: 3 Year(s) Total Positions: 57 (GYI: 24)
Subspecialties: CD,ID,PUD
Program ID: 140-30-21-222

University of Nebraska Program

University of Nebraska Medical Center
Veterans Affairs Medical Center (Omaha)
Program Director: James R O'Dell, MD
Univ of Nebraska Hosp and Clinic
Dept of Internal Medicine
600 S 42nd St
Omaha, NE 68198-2055
402 559-6488
Length: 3 Year(s) Total Positions: 42 (GYI: 18)
Subspecialties: CD,END,GE,HO,IMG,PUD
Program ID: 140-30-21-224

Nevada

Reno

University of Nevada (Las Vegas) Program

University of Nevada School of Medicine
University Medical Center of Southern Nevada
Program Director: Stephen R Newmark, MD
University of Nevada Dept of Internal Medicine
2040 W Charleston Blvd
Ste 503
Las Vegas, NV 89102
702 383-2638
Length: 3 Year(s) Total Positions: 42 (GYI: 18)
Program ID: 140-31-21-497

University of Nevada (Reno) Program

University of Nevada School of Medicine
Ioannis A Lougaris Veterans Affairs Medical Center
Washoe Medical Center
Program Director: Jon P Schrage, MD
Veterans Admin Med Ctr
1000 Locust St
Reno, NV 89520
702 784-4202
Length: 3 Year(s) Total Positions: 30 (GYI: 14)
Program ID: 140-31-21-483

New Hampshire

Lebanon

Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital
Veterans Affairs Medical Center (White River Junction)
Program Director: Richard Comi, MD
Dartmouth-Hitchcock Medical Center
One Medical Center Dr
Lebanon, NH 03756
603 650-7684
Length: 3 Year(s) Total Positions: 59 (GYI: 24)
Subspecialties: CCM,CD,END,GE,HO,ID,PCC,RHU
Program ID: 140-32-21-225

New Jersey

Atlantic City

Atlantic City Medical Center Program

Atlantic City Medical Center
Program Director: Paul M Kirschenfeld, MD
Atlantic City Medical Center
1925 Pacific Ave
Atlantic City, NJ 08401
609 441-8074
Length: 3 Year(s) Total Positions: 28 (GYI: 12)
Program ID: 140-33-31-226

Camden

UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center
Program Director: Glenn C Newell, MD
Cooper Hospital-University Medical Center
Three Cooper Plaza Ste 220
Camden, NJ 08103
609 342-2453
Length: 3 Year(s) Total Positions: 49 (GYI: 20)
Subspecialties: CCM,CD,GE,HO,ID,NEP,PCC,RHU
Program ID: 140-33-21-227

Englewood

Englewood Hospital Program

Englewood Hospital
Program Director: Robin Dibner, MD
Englewood Hospital & Medical Center
350 Engle St
Englewood, NJ 07631
201 894-3664
Length: 3 Year(s) Total Positions: 39 (GYI: 13)
Program ID: 140-33-21-228

Livingston

St Barnabas Medical Center Program

St Barnabas Medical Center
Program Director: Richard S Panush, MD
St Barnabas Medical Center
Dept of Medicine
94 Old Short Hills Rd
Livingston, NJ 07039
201 533-5645
Length: 3 Year(s) Total Positions: 33 (GYI: 12)
Program ID: 140-33-12-457

\* Updated information not provided.

**Long Branch****Monmouth Medical Center Program**

Monmouth Medical Center

*Program Director:*

Bernard P Shagan, MD

Anthony Ricca, MD

Monmouth Medical Center Dept of Medicine

300 Second Ave

Long Branch, NJ 07740

908 870-5177

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)**Program ID:** 140-33-11-233**Montclair****Mountainside Hospital Program**

Mountainside Hospital

*Program Director:*

Alan E Matook, MD

Mountainside Hospital

Bay &amp; Highland Aves

Montclair, NJ 07042

201 429-6195

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)**Program ID:** 140-33-11-234**Morristown****Morristown Memorial Hospital Program**

Morristown Memorial Hospital

*Program Director:*

Albert S Klainer, MD

Morristown Memorial Hospital

100 Madison Ave

PO Box 1956

Morristown, NJ 07962-1956

201 871-5136

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 16)**Program ID:** 140-33-11-235**Neptune****Jersey Shore Medical Center Program**

Jersey Shore Medical Center

*Program Director:*

John A Crocco, MD

Jersey Shore Medical Center Dept of Medicine

1945 Rt 33

Neptune, NJ 07754

908 776-4420

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 15)**Program ID:** 140-33-12-236**Newark****UMDNJ-New Jersey Medical School (Paramus) Program**

UMDNJ-New Jersey Medical School

Bergen Pines County Hospital

*Program Director:*

Morey J Menacker, DO

Bergen Pines County Hospital

E Ridgewood Ave

Paramus, NJ 07652

201 967-4275

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 6)**Program ID:** 140-33-11-241**UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School

Dept of Veterans Affairs Medical Center (East Orange)

Newark Beth Israel Medical Center

UMDNJ-University Hospital

*Program Director:*

George M Lordi, MD

UMDNJ-New Jersey Medical School

150 Bergen St

Level 1 Rm 248

Newark, NJ 07103-2406

201 982-6056

*Length:* 3 Year(s) *Total Positions:* 99 (GYI: 35)*Subspecialties:*

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU

**Program ID:** 140-33-21-237**United Hospitals Medical Center Program**

United Hospitals Medical Center (Presbyterian Hospital)

*Program Director:*

Senthamarai Gandhi, MD

United Hospitals Medical Center

15 S Ninth St

Newark, NJ 07107

201 268-8757

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 18)**Program ID:** 140-33-21-239**Perth Amboy****Raritan Bay Medical Center-Perth Amboy Division Program**

Raritan Bay Medical Center-Perth Amboy Division

*Program Director:*

Purnendu Sen, MD

Raritan Bay Medical Center-Perth Amboy Division

530 New Brunswick Ave

Perth Amboy, NJ 08861-3685

201 324-5080

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 10)**Program ID:** 140-33-21-466**Piscataway****UMDNJ-Robert Wood Johnson Medical School (New Brunswick) Program**

UMDNJ-Robert Wood Johnson Medical School

St Peter's Medical Center

*Program Director:*

Nayan K Kothari, MD

St Peter's Medical Center

Dept of Medicine

254 Easton Ave

New Brunswick, NJ 08903-0591

908 745-8584

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 13)*Subspecialties:* HO**Program ID:** 140-33-21-475**UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School

Medical Center at Princeton

Robert Wood Johnson University Hospital

*Program Director:*

Marie C Trontell, MD

UMDNJ-Robert Wood Johnson Med Sch Dept of Medicine

One Robert Wood Johnson Pl CN-19

New Brunswick, NJ 08903-0019

908 235-7742

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 27)*Subspecialties:* CCM,CD,END,GE,ID,NEP,RHU**Program ID:** 140-33-21-243**Plainfield****Muhlenberg Regional Medical Center Program**

Muhlenberg Regional Medical Center

*Program Director:*

Francis L Griffin, MD

Muhlenberg Regional Medical Center

Park Ave &amp; Randolph Rd

Plainfield, NJ 07061

908 668-2985

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 12)**Program ID:** 140-33-11-244**South Orange****Seton Hall University School of Graduate Medical Education (Jersey City) Program**

Seton Hall University School of Graduate Medical Education

Jersey City Medical Center

*Program Director:*

Anthony N Damato, MD

Jersey City Medical Center

50 Baldwin Ave

Jersey City, NJ 07304

201 915-2430

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 20)*Subspecialties:* CD,GE**Program ID:** 140-33-21-232**Seton Hall University School of Graduate Medical Education Program**

Seton Hall University School of Graduate Medical Education

St Elizabeth Hospital

St Joseph's Hospital and Medical Center

St Michael's Medical Center (Cathedral Health Services Inc)

*Program Director:*

Ernest E Federici, MD

Seton Hall University

School of Graduate Medical Educ

South Orange, NJ 07079

201 761-9000

201 761-9000

*Length:* 3 Year(s) *Total Positions:* 112 (GYI: 42)*Subspecialties:* CCM,CD,END,GE,HEM,ID,ON,PUD,RHU**Program ID:** 140-33-21-498**Summit****Overlook Hospital Program**

Overlook Hospital

*Program Director:*

Michael Bernstein, MD

Overlook Hospital

99 Beauvoir Ave

PO Box 220

Summit, NJ 07902-0220

908 522-2934

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)**Program ID:** 140-33-11-245**Trenton****Helene Fuld Medical Center Program**

Helene Fuld Medical Center

*Program Director:*

Martin J Glynn, MD

Helene Fuld Medical Center

750 Brunswick Ave

Trenton, NJ 08638-4143

609 394-6689

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 9)**Program ID:** 140-33-21-246

\* Updated information not provided.

## Accredited Programs in Internal Medicine

### St Francis Medical Center Program

St Francis Medical Center

*Program Director:*

Herman Chmel, MD  
St Francis Medical Center  
601 Hamilton Ave  
Trenton, NJ 08629-1986  
609 599-5061

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 140-33-21-508

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Ann Gateley, MD  
Univ of New Mexico Schl of Med  
DOM-Office of Education  
2211 Lomas Blvd NE ACC-5TH  
Albuquerque, NM 87131-5271  
505 272-4661

*Length:* 3 Year(s) *Total Positions:* 70 (GYI: 25)

*Subspecialties:*

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,RHU  
*Program ID:* 140-34-21-247

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Paul J Davis, MD  
Albany Medical Center  
Medicine Education Office A-17  
Albany, NY 12208  
518 262-5377

*Length:* 3 Year(s) *Total Positions:* 57 (GYI: 25)

*Subspecialties:* CD,END,GE,HEM,ID,IMG,NEP,ON,RHU

*Program ID:* 140-35-31-248

### Binghamton

#### Wilson Memorial Regional Medical Center (United Health Services) Program

Wilson Memorial Regional Medical Center (United Health Svcs)

*Program Director:*

Roy D Gill, MD  
Wilson Memorial Hospital  
33-57 Harrison St  
Johnson City, NY 13790  
607 763-6396

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 10)

*Program ID:* 140-35-31-255

## Bronx

### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Joan I Casey, MD  
B Robert Meyer, MD  
Dept of Medicine  
Albert Einstein Coll of Med  
1300 Morris Park Ave  
Bronx, NY 10461  
718 430-2591

*Length:* 3 Year(s) *Total Positions:* 207 (GYI: 66)

*Subspecialties:*

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,RHU  
*Program ID:* 140-35-21-287

### Albert Einstein College of Medicine Program in Social Medicine

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
North Central Bronx Hospital

*Program Director:*

Deborah M Swiderski, MD  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467  
718 920-5521

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 140-35-11-286

### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center

*Program Director:*

Jonathan W M Gold, MD  
Bronx-Lebanon Hosp Ctr  
1650 Grand Concourse  
Bronx, NY 10457  
718 518-5869

*Length:* 3 Year(s) *Total Positions:* 109 (GYI: 44)

*Subspecialties:* CD,GE,HEM,NEP,PUD

*Program ID:* 140-35-11-263

### St Barnabas Hospital Program

St Barnabas Hospital

*Program Director:*

James G Hellerman, MD  
St Barnabas Hospital  
Third Ave & 183rd St  
Bronx, NY 10457  
718 960-6202

*Length:* 3 Year(s) *Total Positions:* 98 (GYI: 36)

*Program ID:* 140-35-21-485

## Brooklyn

### Brookdale Hospital Medical Center Program

Brookdale Hospital Medical Center

*Program Director:*

Ira W Reiser, MD  
Brookdale Hospital Medical Center  
Dept of Medicine  
One Brookdale Plaza  
Brooklyn, NY 11212  
718 240-6202

*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 39)

*Subspecialties:* END,HO,NEP,PUD

*Program ID:* 140-35-11-284

### Brooklyn Hospital Center Program

Brooklyn Hospital Center

*Program Director:*

Eliot J Lazar, MD  
Brooklyn Hosp Ctr  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 250-6925

*Length:* 3 Year(s) *Total Positions:* 93 (GYI: 41)

*Subspecialties:* CD,GE,HEM,ON,PUD

*Program ID:* 140-35-12-265

### Coney Island Hospital Program

Coney Island Hospital

*Program Director:*

Sandor A Friedman, MD  
Coney Island Hospital Dept of Internal Medicine  
2601 Ocean Pkwy  
Brooklyn, NY 11235  
718 615-5448

*Length:* 3 Year(s) *Total Positions:* 63 (GYI: 26)

*Subspecialties:* CD,END,HEM,PUD

*Program ID:* 140-35-11-269

### Interfaith Medical Center Program

Interfaith Medical Center

*Program Director:*

Harvey Dosik, MD  
Interfaith Medical Center  
555 Prospect Pl  
Brooklyn, NY 11238  
718 935-7325

*Length:* 3 Year(s) *Total Positions:* 77 (GYI: 34)

*Subspecialties:* CD,END,GE,HEM,ON,PUD

*Program ID:* 140-35-21-276

### Kingsbrook Jewish Medical Center Program

Kingsbrook Jewish Medical Center

*Program Director:*

Mohammad Zahir, MD  
Kingsbrook Jewish Medical Center  
David Minkin Plaza  
585 Schenectady Ave  
Brooklyn, NY 11203-1891  
718 604-5401

*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 18)

*Program ID:* 140-35-11-277

### Long Island College Hospital Program\*

Long Island College Hospital

*Program Director:*

Howard S Friedman, MD  
Long Island College Hospital Dept of Medicine  
340 Henry St  
Brooklyn, NY 11201  
718 780-1881

*Length:* 3 Year(s) *Total Positions:* 74 (GYI: 38)

*Subspecialties:* CD,GE,HEM,ID,NEP,ON,PUD

*Program ID:* 140-35-11-280

### Lutheran Medical Center Program

Lutheran Medical Center

*Program Director:*

Robert Cucco, MD  
Lutheran Medical Center Dept of Internal Medicine  
150 55th St  
Brooklyn, NY 11220-2574  
718 630-7360

*Length:* 3 Year(s) *Total Positions:* 66 (GYI: 22)

*Program ID:* 140-35-11-282

\* Updated information not provided.

**Maimonides Medical Center Program**

Maimonides Medical Center

*Program Director:*  
Edgar Lichstein, MD  
Maimonides Med Ctr  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7074

*Length:* 3 Year(s) *Total Positions:* 86 (GYI: 37)  
*Subspecialties:* CCM,CD,GE,HO,ID,NEP,PUD  
**Program ID:** 140-35-11-283

**New York Methodist Hospital Program**

New York Methodist Hospital

*Program Director:*  
Thayyullathil Bharathan, MD  
New York Methodist Hospital  
Dept of Medicine  
506 Sixth St  
Brooklyn, NY 11215  
718 780-3246

*Length:* 3 Year(s) *Total Positions:* 73 (GYI: 32)  
*Subspecialties:* HEM,ON,PUD  
**Program ID:** 140-35-11-284

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*  
Stephan L Kamholz, MD  
SUNY Downstate Medical Center  
450 Clarkson Ave Box 50  
Brooklyn, NY 11203  
212 270-2030

*Length:* 3 Year(s) *Total Positions:* 132 (GYI: 52)  
*Subspecialties:* CCM,CD,END,GE,HO,ID,NEP,PUD,RHU  
**Program ID:** 140-35-21-305

**Woodhull Medical and Mental Health Center Program\***

Woodhull Medical and Mental Health Center

*Program Director:*  
Lothar Wertheimer, MD  
Woodhull Medical and Mental Health Center  
Dept of Medicine  
760 Broadway  
Brooklyn, NY 11206  
718 963-5806

*Length:* 3 Year(s) *Total Positions:* 70 (GYI: 24)  
**Program ID:** 140-35-21-487

**Wyckoff Heights Hospital Program\***

Wyckoff Heights Medical Center

*Program Director:*  
Edmondo S Modica, MD  
Wyckoff Heights Medical Center  
374 Stockholm St  
Brooklyn, NY 11237  
212 963-7586

*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 18)  
**Program ID:** 140-35-12-308

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium (Mercy Hospital) Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Mercy Hospital of Buffalo

*Program Director:*  
Thomas A Raab, MD  
Mercy Hospital  
Dept of Medicine  
565 Abbott Rd  
Buffalo, NY 14220  
716 828-2578

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 9)  
**Program ID:** 140-35-31-249

**SUNY at Buffalo Graduate Medical-Dental Education Consortium (Millard Fillmore) Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Millard Fillmore Hospitals

*Program Director:*  
Joseph L Izzo Jr, MD  
Millard Fillmore Hospitals  
Dept of Internal Medicine  
3 Gates Circle  
Buffalo, NY 14209  
716 887-4508

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 20)  
**Program ID:** 140-35-31-250

**SUNY at Buffalo Graduate Medical-Dental Education Consortium (Sisters of Charity) Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Erie County Medical Center  
Sisters of Charity Hospital

*Program Director:*  
Nelson P Torre, MD  
Sisters of Charity Hospital  
2157 Main St  
Buffalo, NY 14214  
716 862-2371

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 9)  
**Program ID:** 140-35-21-251

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*  
Robert Scheig, MD  
Dept of Internal Medicine  
Buffalo General Hospital  
100 High St  
Buffalo, NY 14203  
716 843-4632

*Length:* 3 Year(s) *Total Positions:* 106 (GYI: 40)  
*Subspecialties:* CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID:** 140-35-31-252

**Cooperstown****Mary Imogene Bassett Hospital Program**

Bassett Healthcare

*Program Director:*  
Henry F Weil, MD  
Medical Education Dept  
Bassett Healthcare  
1 Atwell Rd  
Cooperstown, NY 13326-1394  
800 852-4566

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 12)  
**Program ID:** 140-35-11-253

**East Meadow****SUNY at Stony Brook (East Meadow) Program**

Nassau County Medical Center

*Program Director:*  
Farouq A Khan, MB  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-6540

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 36)  
*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PUD  
**Program ID:** 140-35-21-254

**Far Rockaway****St John's Episcopal Hospital-South Shore Program**

St John's Episcopal Hospital-South Shore

*Program Director:*  
Victor Burnett, MD  
Sheldon Markowitz, MD  
St John's Episcopal Hospital South Shore  
Dept of Medicine  
327 Beach 19th St  
Far Rockaway, NY 11691  
718 868-7672

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 17)  
**Program ID:** 140-35-21-486

**Flushing****Flushing Hospital Medical Center Program**

Flushing Hospital Medical Center

*Program Director:*  
Joseph L Mollura, MD  
Flushing Hospital Medical Center  
Dept of Medicine  
45th Ave at Parsons Blvd  
Flushing, NY 11355  
718 670-5742

*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 24)  
**Program ID:** 140-35-11-272

**New York Hospital Medical Center of Queens Program\***

New York Hospital Medical Center of Queens

*Program Director:*  
Terence M Brady, MD  
The New York Hosp Med Ctr of Queens  
56-45 Main St  
Flushing, NY 11355-2966  
718 670-1072

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 33)  
*Subspecialties:* GE,ID,NEP,PUD  
**Program ID:** 140-35-11-282

\* Updated information not provided.

**Forest Hills**

**La Guardia Hospital/Syosset Community Hospital Program**

LaGuardia Hospital  
*Program Director:*  
 Eric Hoffer, MD  
 LaGuardia Hospital  
 102-01 66th Rd  
 Forest Hills, NY 11375  
 718 830-4364  
*Length:* 3 Year(s) *Total Positions:* 53 (GYI: 20)  
**Program ID: 140-35-21-468**

**Jamaica**

**Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
 Catholic Medical Center (Mary Immaculate Hospital)  
 Catholic Medical Center (St John's Queens Hospital)  
*Program Director:*  
 Catherine Marino, MD  
 Catholic Medical Center  
 88-25 153rd St  
 Jamaica, NY 11432  
 718 558-7150  
*Length:* 3 Year(s) *Total Positions:* 80 (GYI: 32)  
*Subspecialties:* CD,GE,ID,PUD  
**Program ID: 140-35-22-267**

**Jamaica Hospital Program**

Jamaica Hospital  
*Program Director:*  
 Thomas Santucci Jr, MD  
 The Jamaica Hospital Department of Medicine  
 8900 Van Wyck Expressway  
 Jamaica, NY 11418  
 718 206-6668  
*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 18)  
**Program ID: 140-35-12-275**

**Manhasset**

**North Shore University Hospital Program**

North Shore University Hospital  
 Memorial Sloan-Kettering Cancer Center  
*Program Director:*  
 Peter M Reiser, MD FACP  
 North Shore University Hospital  
 Dept of Medicine  
 300 Community Dr  
 Manhasset, NY 11030  
 516 562-2944  
*Length:* 3 Year(s) *Total Positions:* 98 (GYI: 38)  
*Subspecialties:* CCM,CD,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID: 140-35-21-271**

**Mineola**

**Winthrop-University Hospital Program**

Winthrop-University Hospital  
*Program Director:*  
 John F Aloia, MD  
 Winthrop-University Hospital  
 259 First St  
 Mineola, NY 11501  
 516 663-2381  
*Length:* 3 Year(s) *Total Positions:* 81 (GYI: 45)  
*Subspecialties:* CD,END,GE,HO,ID,IMG,NEP,PCC,RHU  
**Program ID: 140-35-11-256**

**Mount Vernon**

**Mount Vernon Hospital Program**

Mount Vernon Hospital  
*Program Director:*  
 Mark Adler, MD  
 The Mount Vernon Hospital  
 12 N Seventh Ave Rm 501  
 Mount Vernon, NY 10550-2098  
 914 664-8000  
*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 14)  
**Program ID: 140-35-21-482**

**New Hyde Park**

**Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
*Program Director:*  
 David R Dantzker, MD  
 Long Island Jewish Medical Center  
 270-05 76th Ave  
 New Hyde Park, NY 11040  
 718 470-7270  
*Length:* 3 Year(s) *Total Positions:* 79 (GYI: 40)  
*Subspecialties:* CD,END,GE,HO,ID,IMG,NEP,PCC,RHU  
**Program ID: 140-35-21-281**

**New Rochelle**

**New Rochelle Hospital Medical Center Program**

New Rochelle Hospital Medical Center  
*Program Director:*  
 Jeffrey M Brensilver, MD  
 Dept of Medicine  
 New Rochelle Hospital Medical Ctr  
 16 Guion Pl  
 New Rochelle, NY 10802  
 914 637-1681  
*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 15)  
**Program ID: 140-35-11-258**

**New York**

**Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center  
*Program Director:*  
 Stephen G Baum, MD  
 Beth Israel Medical Center  
 Dept of Medicine  
 First Ave at 16th St  
 New York, NY 10003  
 212 420-4012  
*Length:* 3 Year(s) *Total Positions:* 120 (GYI: 56)  
*Subspecialties:* CCM,CD,END,GE,HO,ID,NEP,PCC  
**Program ID: 140-35-11-261**

**Harlem Hospital Center Program**

Harlem Hospital Center  
*Program Director:*  
 Charles K Francis, MD  
 Harlem Hospital Center Dept of Internal Medicine  
 135th & Lenox Ave  
 New York, NY 10037  
 212 939-1401  
*Length:* 3 Year(s) *Total Positions:* 97 (GYI: 35)  
*Subspecialties:* CD,GE,ID,NEP,PUD  
**Program ID: 140-35-11-273**

**Lenox Hill Hospital Program**

Lenox Hill Hospital  
*Program Director:*  
 Michael S Bruno, MD  
 100 E 77th St  
 New York, NY 10021-1883  
 212 434-2140  
*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 36)  
*Subspecialties:* CD,GE,HO,NEP,PUD  
**Program ID: 140-35-11-278**

**Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
 Elmhurst Hospital Center-Mount Sinai Services  
*Program Director:*  
 Frank A Ross, MD  
 Mount Sinai School of Medicine  
 Box 1118  
 One Gustave L Levy Pl  
 New York, NY 10029  
 718 334-3444  
*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 18)  
*Subspecialties:* CD,GE,PUD  
**Program ID: 140-35-11-268**

**Mount Sinai School of Medicine (Jamaica) Program\***

Mount Sinai School of Medicine  
 Queens Hospital Center  
*Program Director:*  
 Fred Rosner, MD  
 Queens Hospital Center  
 Dept of Medicine  
 82-68 164th St  
 Jamaica, NY 11432  
 718 883-4050  
*Length:* 3 Year(s)  
*Subspecialties:* HO  
**Program ID: 140-35-21-510**

**Mount Sinai School of Medicine (North General) Program**

North General Hospital  
*Program Director:*  
 Samuel J Daniel, MD  
 North General Hospital  
 Dept of Internal Medicine  
 1879 Madison Ave  
 New York, NY 10035  
 212 423-4155  
*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 13)  
**Program ID: 140-35-11-274**

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
 Elmhurst Hospital Center-Mount Sinai Services  
 Mount Sinai Medical Center  
 Veterans Affairs Medical Center (Bronx)  
*Program Director:*  
 Lawrence G Smith, MD  
 Mount Sinai Hospital  
 One Gustave L Levy Pl  
 Box 1118  
 New York, NY 10029  
 212 241-5484  
*Length:* 2 Year(s) *Total Positions:* 139 (GYI: 56)  
*Subspecialties:* CCM,CD,END,GE,HO,ID,NEP,PCC,RHU  
**Program ID: 140-35-31-288**

**New York Downtown Hospital Program**

New York Downtown Hospital  
*Program Director:*  
 Bruce D Logan, MD  
 New York Downtown Hosp  
 170 William St  
 New York, NY 10038  
 212 312-5770  
*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 22)  
**Program ID: 140-35-31-289**

\* Updated information not provided.

**New York Hospital/Cornell Medical Center Program\***

New York Hospital  
Memorial Sloan-Kettering Cancer Center

**Program Director:**

Joseph G Hayes, MD  
The New York Hospital  
525 E 68th St  
New York, NY 10021

212 746-4750  
*Length:* 3 Year(s) *Total Positions:* 109 (GYI: 44)

**Subspecialties:**

CCM,CD,END,GE,HEM,HO,ID,NEP,ON,PUD,RHU  
**Program ID: 140-35-21-270**

**New York University Medical Center (Veterans) Program**

New York University Medical Center  
Veterans Affairs Medical Center (Manhattan)

**Program Director:**

Norton Spritz, MD  
Dept of Veterans Affairs Medical Center (Manhattan)  
423 E 23 St  
New York, NY 10010

212 263-6768  
*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 18)

**Subspecialties:**

CD  
**Program ID: 140-35-21-294**

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

**Program Director:**

Saul J Farber, MD  
New York University Medical Center  
Dept of Medicine  
550 First Ave  
New York, NY 10016

212 263-6394  
*Total Positions:* 113 (GYI: 42)

**Subspecialties:**

CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID: 140-35-21-292**

**Presbyterian Hospital in the City of New York Program\***

Presbyterian Hospital in the City of New York

**Program Director:**

John P Bilezikian, MD  
Presbyterian Hosp in the City of New York  
622 W 168th St  
PH8-136  
New York, NY 10032

212 305-3387  
*Length:* 3 Year(s) *Total Positions:* 130 (GYI: 61)

*Subspecialties:* CCM,CD,END,GE,ID,NEP,PUD,RHU  
**Program ID: 140-35-11-297**

**St Luke's-Roosevelt Hospital Center (Roosevelt) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division

**Program Director:**

Gregory Steinberg, MD  
Patrick H Griffin, MD  
Roosevelt Hospital  
1000 Tenth Ave  
New York, NY 10019

212 523-7338  
*Length:* 3 Year(s) *Total Positions:* 61 (GYI: 27)

**Subspecialties:**

HEM,ON  
**Program ID: 140-35-11-298**

**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division

**Program Director:**

Katherine Hawkins, MD  
Jeffrey M Brensilver, MD  
St Luke's Hospital  
1111 Amsterdam Ave  
New York, NY 10025

212 523-3314  
*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 35)

**Subspecialties:**

CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID: 140-35-21-301**

**Rochester****Highland Hospital of Rochester Program**

Highland Hospital of Rochester

**Program Director:**

Howard B Beckman, MD  
Highland Hospital of Rochester  
1000 South Ave  
Rochester, NY 14620

716 461-6770  
*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 9)

**Program ID: 140-35-11-310**

**St Mary's Hospital Program**

St Mary's Hospital

**Program Director:**

Michael Wagner, MD  
Dept of Medicine  
St Mary's Hospital  
89 Genesee St  
Rochester, NY 14611

716 464-3550  
*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 15)

**Program ID: 140-35-11-312**

**University of Rochester (Rochester General) Program**

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Rochester General Hospital

**Program Director:**

Barbara L Schuster, MD  
Strong Memorial Hospital  
601 Elmwood Ave Box 702  
Rochester, NY 14642-8702

716 275-5427  
*Length:* 3 Year(s) *Total Positions:* 69 (GYI: 27)

**Program ID: 140-35-31-314**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

**Program Director:**

Robert F Betts, MD  
Strong Memorial Hospital  
601 Elmwood Ave Box 508  
Rochester, NY 14642

716 275-2873  
*Length:* 3 Year(s) *Total Positions:* 65 (GYI: 23)

**Subspecialties:**

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,RHU  
**Program ID: 140-35-11-313**

**Staten Island****Staten Island University Hospital Program**

Staten Island University Hospital

**Program Director:**

Thomas G McGinn, MD  
Staten Island University Hospital Department of  
Medicine  
475 Seaview Ave  
Staten Island, NY 10305

718 226-9506  
*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 43)

**Subspecialties:**

IMG  
**Program ID: 140-35-11-304**

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

**Program Director:**

Douglas L Brand, MD  
Health Science Center Dept of Internal Medicine  
T-16 Rm 020  
Stony Brook, NY 11794-8160

516 444-2065  
*Length:* 3 Year(s) *Total Positions:* 79 (GYI: 35)

**Subspecialties:**

CCM,CD,END,GE,HO,ID,IMG,NEP,PUD,RHU  
**Program ID: 140-35-21-315**

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse

Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

**Program Director:**

David G Heisig, MD  
Dept of Medicine  
SUNY Health Science Center-Syracuse  
750 E Adams St  
Syracuse, NY 13210

315 464-4506  
*Length:* 3 Year(s) *Total Positions:* 49 (GYI: 18)

**Subspecialties:**

CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
**Program ID: 140-35-21-316**

**Valhalla****New York Medical College (Cabrini) Program**

New York Medical College  
Cabrini Medical Center

**Program Director:**

Wilfredo Talavera, MD  
Cabrini Med Ctr  
227 E 19th St  
New York, NY 10003

212 995-6629  
*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 34)

**Subspecialties:**

CD,GE,HO,ID,PUD,RHU  
**Program ID: 140-35-31-266**

\* Updated information not provided.

**New York Medical College (Lincoln) Program**

New York Medical College  
Lincoln Medical and Mental Health Center

*Program Director:*

Daniel Shine, MD  
Lincoln Med & Mental Hlth Ctr  
234 E 149th St  
Bronx, NY 10451  
718 579-5874

*Length:* 3 Year(s) *Total Positions:* 85 (GYI: 35)

*Subspecialties:* CCM,END

**Program ID:** 140-35-21-470

**New York Medical College (Metropolitan) Program**

New York Medical College  
Metropolitan Hospital Center

*Program Director:*

Elliott Perla, MD  
Metropolitan Hosp Center  
1901 First Ave  
New York, NY 10029  
212 423-6771

*Length:* 3 Year(s) *Total Positions:* 68 (GYI: 27)

*Subspecialties:* CD,NEP,RHU

**Program ID:** 140-35-31-290

**New York Medical College (Our Lady of Mercy) Program**

New York Medical College  
Our Lady of Mercy Medical Center

*Program Director:*

C S Pitchumoni, MD  
Our Lady of Mercy Medical Center  
Dept of Medicine  
600 East 233rd St  
Bronx, NY 10466  
718 920-9168

*Length:* 3 Year(s) *Total Positions:* 66 (GYI: 25)

*Subspecialties:* CD,GE,NEP

**Program ID:** 140-35-21-285

**New York Medical College (Richmond) Program**

New York Medical College  
St Vincent's Medical Center of Richmond

*Program Director:*

Dennis A Bloomfield, MD  
St Vincent's Medical Center of Richmond  
335 Bard Ave  
Staten Island, NY 10310-1699  
718 876-2429

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 22)

*Subspecialties:* CD

**Program ID:** 140-35-11-303

**New York Medical College (Stamford) Program**

New York Medical College  
Stamford Hospital

*Program Director:*

Noel I Robin, MD  
Stamford Hospital  
Shelburne & W Broad St  
PO Box 9317  
Stamford, CT 06904-9317  
203 325-7485

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 7)

**Program ID:** 140-08-11-087

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

Eric C Rackow, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St  
New York, NY 10011  
212 604-8300

*Length:* 3 Year(s) *Total Positions:* 76 (GYI: 30)

*Subspecialties:* CCM,CD,END,GE,HO,ID,IMG,NEP,PCC

**Program ID:** 140-35-11-302

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Westchester County Medical Center

*Program Director:*

Steven L Sivak, MD  
New York Medical College  
Dept of Internal Medicine  
Valhalla, NY 10595  
914 285-8373

*Length:* 3 Year(s) *Total Positions:* 49 (GYI: 25)

*Subspecialties:* CD,END,GE,HEM,ID,IMG,NEP,ON,PCC, RHU

**Program ID:** 140-35-11-317

**North Carolina**

**Chapel Hill**

**University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Lee R Berkowitz, MD  
University of North Carolina School of Medicine  
Dept of Medicine CB#7005  
3018 Old Clinic Bldg  
Chapel Hill, NC 27599-7005  
919 966-1042

*Length:* 3 Year(s) *Total Positions:* 80 (GYI: 32)

*Subspecialties:* CD,END,GE,HO,ID,IMG,NEP,PCC,RHU

**Program ID:** 140-36-21-318

**Charlotte**

**Carolinas Medical Center Program**

Carolinas Medical Center

*Program Director:*

Marvin M McCall, MD  
Carolinas Medical Center Dept of Internal Medicine  
PO Box 32861  
Charlotte, NC 28232-2861  
704 355-3165

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)

**Program ID:** 140-36-11-319

**Durham**

**Duke University Program**

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Ralph G Corey, MD  
Duke University Medical Center  
PO Box 3013  
Durham, NC 27710  
919 684-3165

*Length:* 3 Year(s) *Total Positions:* 122 (GYI: 47)

*Subspecialties:* CCM,CD,END,GE,HO,ID,IMG,NEP,PUD,RHU

**Program ID:** 140-36-21-320

**Greensboro**

**Moses H Cone Memorial Hospital Program**

Moses H Cone Memorial Hospital

*Program Director:*

Timothy W Lane, MD  
Moses H Cone Memorial Hospital  
Internal Medicine Training Program  
1200 N Elm St  
Greensboro, NC 27401-1020  
910 574-8062

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 6)

**Program ID:** 140-36-11-321

**Greenville**

**East Carolina University Program**

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

Peter R Lichstein, MD  
East Carolina University School of Medicine  
Dept of Internal Medicine  
Housestaff Office-PCMH 387  
Greenville, NC 27858-4354  
919 816-4126

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 12)

*Subspecialties:* CD,END,GE

**Program ID:** 140-36-11-323

**Wilmington**

**New Hanover Regional Medical Center Program**

New Hanover Regional Medical Center

*Program Director:*

Jorge J Gonzalez, MD  
Peter C Ungaro, MD  
Coastal Area Health Education Center  
2131 S 17th St  
PO Box 9025  
Wilmington, NC 28402-9025  
910 343-0161

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)

**Program ID:** 140-36-11-324

**Winston-Salem**

**Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

Mark C Wilson, MD MPH  
North Carolina Baptist Hospital  
Medical Center Blvd  
Winston-Salem, NC 27157-1052  
919 716-4490

*Length:* 3 Year(s) *Total Positions:* 126 (GYI: 32)

*Subspecialties:*

CCM,CD,END,GE,HO,ID,IMG,NEP,PUD,RHU

**Program ID:** 140-36-21-325

\* Updated information not provided.

**North Dakota****Grand Forks****University of North Dakota Program**

Univ of North Dakota School of Medicine  
Veterans Affairs Medical and Regional Office Center  
(Fargo)

Dakota Hospital  
St Luke's Hospitals

*Program Director:*  
Anthony B Gustafson, MD  
UND Dept of Medicine  
VA Medical Center  
2101 N Elm St 111J  
Fargo, ND 58102  
701 232-8097

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 140-37-21-326

**Ohio****Akron****Akron City Hospital (Summa Health System)/NEOUCOM Program**

Akron City Hospital (Summa Health System)  
St Thomas Hospital (Summa Health System)

*Program Director:*

James S Tan, MD  
Akron City Hosp  
525 E Market St  
Akron, OH 44309  
216 375-3741

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 20)  
*Program ID:* 140-38-11-327

**Akron General Medical Center/NEOUCOM Program**

Akron General Medical Center

*Program Director:*  
Joseph P Myers, MD  
Akron General Medical Center  
400 Wabash Ave  
Akron, OH 44307  
216 384-6140

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 12)  
*Program ID:* 140-38-11-328

**Canton****Canton Medical Education Foundation/NEOUCOM Program**

Canton Medical Education Foundation  
Aultman Hospital  
Timken Mercy Medical Center

*Program Director:*  
Andre J Ognibene, MD  
Canton Affiliated Hospitals  
NEOUCOM Internal Medicine  
2600 Sixth St SW  
Canton, OH 44710  
216 438-6220

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 10)  
*Subspecialties:* IMG  
*Program ID:* 140-38-21-330

**Cincinnati****Christ Hospital Program**

Christ Hospital

*Program Director:*  
Corwin R Dunn, MD  
Christ Hospital  
2139 Auburn Ave  
Cincinnati, OH 45219-8110  
513 360-2258

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 20)  
*Program ID:* 140-38-11-331

**Good Samaritan Hospital Program**

Good Samaritan Hospital

*Program Director:*  
Richard Streck, MD  
Good Samaritan Hospital  
375 Dixmyth Ave  
Cincinnati, OH 45220-2489  
513 872-3229

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 12)  
*Program ID:* 140-38-31-332

**Jewish Hospital of Cincinnati Program**

Jewish Hospital of Cincinnati

*Program Director:*  
Stephen J Goldberg, MD  
Jewish Hospital of Cincinnati  
Dept of Internal Medicine  
3200 Burnet Ave  
Cincinnati, OH 45229  
513 569-2183

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 14)  
*Program ID:* 140-38-11-333

**University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*  
Robert G Luke, MD  
Univ of Cincinnati Med Ctr  
Dept of Internal Medicine  
231 Bethesda Ave  
Cincinnati, OH 45267-0557  
513 558-4231

*Length:* 3 Year(s) *Total Positions:* 62 (GYI: 25)  
*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU  
*Program ID:* 140-38-21-334

**Cleveland****Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center

*Program Director:*  
Michael J McFarlane, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-3886

*Length:* 3 Year(s) *Total Positions:* 60 (GYI: 24)  
*Subspecialties:* CD,GE,IMG,PCC,RHU  
*Program ID:* 140-38-11-336

**Case Western Reserve University (Mount Sinai) Program\***

Mount Sinai Medical Center of Cleveland

*Program Director:*  
Richard D Aach, MD  
Mount Sinai Medical Center of Cleveland  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
216 421-5768

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 18)  
*Program ID:* 140-38-21-337

**Case Western Reserve University (St Luke's) Program**

St Luke's Medical Center

*Program Director:*  
Richard E Christie, MD  
Saint Luke's Medical Center  
IM Residency Dept Rm 4135  
11311 Shaker Blvd  
Cleveland, OH 44104  
800 368-6886

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 16)  
*Program ID:* 140-38-11-338

**Case Western Reserve University Program**

University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*  
Keith B Armitage, MD  
John Aucott, MD  
University Hospitals of Cleveland  
11000 Euclid Ave  
Cleveland, OH 44106  
216 844-3833

*Length:* 3 Year(s) *Total Positions:* 92 (GYI: 28)  
*Subspecialties:* CCM,CD,END,GE,HEM,ID,NEP,ON,PUD,RHU  
*Program ID:* 140-38-21-335

**Cleveland Clinic Foundation/St Vincent Charity Hospital Program**

Cleveland Clinic Foundation  
St Vincent Charity Hospital and Health Center

*Program Director:*  
Susan J Rehm, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Internal Medicine  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 3 Year(s) *Total Positions:* 116 (GYI: 44)  
*Subspecialties:* CD,END,GE,HO,ID,IMG,NEP,PCC,RHU  
*Program ID:* 140-38-12-339

**Health Cleveland Program**

Health Cleveland Corporation  
Health Cleveland (Lutheran Medical Center)

*Program Director:*  
Harris C Taylor, MD  
Lutheran Medical Center  
2609 Franklin Blvd  
Cleveland, OH 44113-2992  
216 363-2150

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
*Program ID:* 140-38-21-340

**Meridia Huron Hospital Program**

Meridia Huron Hospital  
Meridia Hillcrest Hospital

*Program Director:*  
Burton C West, MD  
Meridia Huron Hosp  
13951 Terrace Rd  
Cleveland, OH 44112-4399  
216 761-2820

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 16)  
*Program ID:* 140-38-21-476

**Columbus****Mount Carmel Health Program**

Mount Carmel Medical Center

*Program Director:*  
G Patrick Ecklar, MD  
Mount Carmel Health  
793 W State St  
Columbus, OH 43222  
614 225-5279

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 11)  
*Program ID:* 140-38-12-341

\* Updated information not provided.



**Ohio State University Program**

Ohio State University Medical Center

*Program Director:*  
Evelyn E Pintz, MD

Ohio State University Hospital Dept of Medicine  
1654 Upham Dr 213 Means Hall  
Columbus, OH 43210-1228  
614 293-3989

*Length:* 3 Year(s) *Total Positions:* 56 (GYI: 21)

*Subspecialties:* CD,END,GE,ID,NEP,PCC,RHU

**Program ID: 140-38-11-342**

**Riverside Methodist Hospitals Program**

Riverside Methodist Hospitals

*Program Director:*

Ian M Baird, MD  
Riverside Methodist Hospital  
3535 Olentangy River Rd  
Medical Education Dept  
Columbus, OH 43214  
614 566-4675

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 26)

**Program ID: 140-38-12-343**

**Dayton**

**Wright State University (Miami Valley) Program**

Wright State University School of Medicine  
Miami Valley Hospital  
Veterans Affairs Medical Center (Dayton)

*Program Director:*

Allen L Cline, MD  
Wright State University  
Dept of Internal Medicine  
P O Box 927  
Dayton, OH 45401-0927  
513 220-2010

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 10)

**Program ID: 140-38-21-345**

**Wright State University Program**

Wright State University School of Medicine  
Good Samaritan Hospital and Health Center  
Miami Valley Hospital  
Veterans Affairs Medical Center (Dayton)

*Program Director:*

Richard A Serbin, MD  
Wright State University  
Dept of Medicine  
PO Box 927  
Dayton, OH 45401-0927  
513 220-2010

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

*Subspecialties:* CD,GE,HO,ID

**Program ID: 140-38-21-344**

**Dayton (Kettering)**

**Kettering Medical Center Program**

Kettering Medical Center

*Program Director:*

Stephen D McDonald, MD  
Kettering Medical Center  
3535 Southern Blvd  
Kettering, OH 45429  
513 296-7293

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID: 140-38-21-347**

**Toledo**

**Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Hospital

*Program Director:*

Patrick J Mulrow, MD  
Medical College of Ohio at Toledo  
CS #10008 Dept of Medicine  
Toledo, OH 43699-0008  
419 381-3687

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 16)

*Subspecialties:* CD,END,GE,ID,NEP,ON

**Program ID: 140-38-21-348**

**Wright-Patterson AFB**

**USAF Medical Center (Wright-Patterson) Program**

USAF Medical Center (Wright-Patterson)

*Program Director:*

Col Kenneth G Vann, MD  
645 Medical Group/SGHM  
4881 Sugar Maple Dr  
Wright-Patterson AFB, OH 45433-5529  
513 257-9656

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID: 140-38-11-002**

**Youngstown**

**St Elizabeth Hospital Medical Center/NEOUCOM Program**

St Elizabeth Hospital Medical Center

*Program Director:*

Charles Wilkins, MD  
St Elizabeth Hospital Med Ctr  
1044 Belmont Ave  
PO Box 1790  
Youngstown, OH 44501-1790  
216 480-3344

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

**Program ID: 140-38-11-349**

**Western Reserve Care System/NEOUCOM Program**

Western Reserve Care System  
Northside Medical Center  
Southside Medical Center

*Program Director:*

Harvey Eisenberg, MD  
Western Reserve Care System  
345 Oak Hill Ave  
Youngstown, OH 44501-0890  
216 740-4706

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)

**Program ID: 140-38-31-350**

**Oklahoma**

**Oklahoma City**

**University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City

University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Jerry D Leu, MD  
University of Oklahoma Health Sciences Center  
PO Box 26901  
South Pavilion 4th Fl Rm 120  
Oklahoma City, OK 73190  
405 271-5963

*Length:* 3 Year(s) *Total Positions:* 67 (GYI: 24)

*Subspecialties:* CD,END,GE,HO,ID,IMG,NEP,PCC,RHU

**Program ID: 140-39-21-351**

**Tulsa**

**University of Oklahoma College of Medicine-Tulsa Program**

University of Oklahoma College of Medicine-Tulsa  
Hillcrest Medical Center

St Francis Hospital  
St John Medical Center  
Veterans Affairs Medical Center (Muskogee)

*Program Director:*

F Daniel Duffy, MD  
Univ of Oklahoma Coll of Med-Tulsa  
Dept of Internal Medicine  
2808 S Sheridan Rd  
Tulsa, OK 74129-1077  
800 435-9845

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 17)

**Program ID: 140-39-21-352**

**Oregon**

**Portland**

**Emanuel Hospital and Health Center Program**

Emanuel Hospital and Health Center  
Good Samaritan Hospital and Medical Center

*Program Director:*

Stephen R Jones, MD  
Good Samaritan Hospital and Medical Center  
Dept of Medicine  
1015 NW 22nd Ave  
Portland, OR 97210  
503 229-7454

*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 17)

**Program ID: 140-40-11-353**

**Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Thomas G Cooney, MD  
Oregon Health Sciences University  
Dept of Medicine L455  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3088  
503 494-8530

*Length:* 3 Year(s) *Total Positions:* 86 (GYI: 27)

*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU

**Program ID: 140-40-31-357**

\* Updated information not provided.

**Providence Medical Center Program**

Providence Medical Center

*Program Director:*

Mark R Rosenberg, MD  
 Providence Medical Center  
 4805 NE Glisan  
 Portland, OR 97213-2967  
 503 230-6123

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 13)**Program ID:** 140-40-31-355**St Vincent Hospital and Medical Center Program**

St Vincent Hospital and Medical Center

*Program Director:*

Kenneth Melvin, MD  
 St Vincent Hosp & Med Ctr  
 9205 SW Barnes Rd  
 Ste 20  
 Portland, OR 97225  
 503 291-2229

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 10)**Program ID:** 140-40-31-356**Pennsylvania****Abington****Abington Memorial Hospital Program**

Abington Memorial Hospital

*Program Director:*

David G Smith, MD FACP  
 Abington Memorial Hospital  
 Dept of Medicine  
 1200 Old York Rd Ste 2B  
 Abington, PA 19001  
 215 576-2024

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 25)**Program ID:** 140-41-12-358**Allentown****Lehigh Valley Hospital/Pennsylvania State University Program**

Lehigh Valley Hospital

*Program Director:*

Richard H Snyder, MD  
 Lehigh Valley Hospital  
 Dept of Medicine  
 Cedar Crest & 1-78; PO Box 689  
 Allentown, PA 18105-1566  
 610 402-8200

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)**Program ID:** 140-41-21-359**Bethlehem****Temple University/St Luke's Hospital Program**

St Luke's Hospital

*Program Director:*

James A Cowan, MD  
 St Luke's Hospital  
 Dept of Internal Medicine  
 801 Ostrum St  
 Bethlehem, PA 18015  
 610 964-4644

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)**Program ID:** 140-41-31-360**Danville****Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*

Robert Palinkas, MD  
 Geisinger Medical Center  
 Dept of Medicine  
 Danville, PA 17821  
 717 271-6787

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 12)*Subspecialties:* CD,GE,PUD,RHU**Program ID:** 140-41-11-362**Easton****Easton Hospital Program**

Easton Hospital

*Program Director:*

Kenneth H Wildrick, MD  
 Easton Hospital  
 250 S 21st St  
 Easton, PA 18042  
 215 250-4013

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)**Program ID:** 140-41-11-363**Harrisburg****Polyclinic Medical Center Program**

Polyclinic Medical Center

*Program Director:*

Robert A Gordon, MD  
 Polyclinic Medical Center  
 2601 N Third St  
 Harrisburg, PA 17110  
 717 782-4247

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 140-41-11-365**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Richard J Simons Jr, MD  
 University Hospital The Milton S Hershey Medical Center  
 Dept of Medicine  
 PO Box 850  
 Hershey, PA 17033-0850  
 717 531-8390

*Length:* 3 Year(s) *Total Positions:* 67 (GYI: 30)*Subspecialties:* CCM,CD,END,GE,ID,NEP,PUD**Program ID:** 140-41-11-366**Johnstown****Temple University/Conemaugh Valley Memorial Hospital Program**

Conemaugh Valley Memorial Hospital

*Program Director:*

Dana S Kellis, MD  
 Conemaugh Valley Memorial Hospital  
 1086 Franklin St  
 Johnstown, PA 15905-4398  
 814 533-9403

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)**Program ID:** 140-41-31-367**McKeesport****McKeesport Hospital Program**

McKeesport Hospital

*Program Director:*

Louis D Meta, MD  
 McKeesport Hospital  
 1500 Fifth Ave  
 McKeesport, PA 15132  
 412 664-2167

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 12)**Program ID:** 140-41-21-368**Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center

*Program Director:*

Herbert S Waxman, MD  
 Internal Medicine Residency Program  
 Albert Einstein Medical Center  
 5401 Old York Rd Ste 363  
 Philadelphia, PA 19141-3025  
 215 456-6947

*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 22)*Subspecialties:* CD,GE,IMG,NEP,RHU**Program ID:** 140-41-11-369**Episcopal Hospital Program**

Episcopal Hospital

*Program Director:*

David Schlossberg, MD  
 Episcopal Hospital  
 100 E Lehigh Ave  
 Philadelphia, PA 19125  
 215 427-7068

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)*Subspecialties:* CD**Program ID:** 140-41-11-370**Graduate Hospital Program**

Graduate Hospital

*Program Director:*

Eliot H Nierman, MD  
 Ste 501 Pepper Pavilion  
 The Graduate Hospital  
 1800 Lombard St  
 Philadelphia, PA 19146  
 215 893-2484

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 28)*Subspecialties:* CD,GE,PUD**Program ID:** 140-41-11-371**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

Crozer-Chester Medical Center

*Program Director:*

Brian H Fillipo, MD  
 Stanley J Russin Jr, MD  
 Hahnemann University Hospital  
 Broad & Vine Sts MS 427  
 Philadelphia, PA 19012-1192  
 215 762-4465

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 38)*Subspecialties:* CD,END,GE,HO,ID,NEP,PCC,RHU**Program ID:** 140-41-21-372

\* Updated information not provided.

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*  
Donald Kaye, MD  
Medical College of Pennsylvania  
c/o Dr Walter Rubin  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6957

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 30)  
*Subspecialties:* CD,END,GE,HEM,ID,IMG,NEP,ON,  
PCC,RHU  
**Program ID:** 140-41-21-374

**Mercy Catholic Medical Center Program**

Mercy Catholic Medical Center, Inc  
Mercy Catholic Medical Center-Fitzgerald Mercy Division  
Mercy Catholic Medical Center-Misericordia Division

*Program Director:*  
David S Brody, MD  
Mercy Catholic Medical Center  
54th & Cedar Ave  
Philadelphia, PA 19143  
610 237-4958

*Length:* 3 Year(s) *Total Positions:* 67 (GYI: 28)  
**Program ID:** 140-41-11-375

**Pennsylvania Hospital Program**

Pennsylvania Hospital  
*Program Director:*

Franci R Kraman, MD  
Dept of Medicine  
Pennsylvania Hospital  
800 Spruce St  
Philadelphia, PA 19107-6192  
215 829-3907

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 20)  
**Program ID:** 140-41-11-376

**Presbyterian Medical Center of Philadelphia Program**

Presbyterian Medical Center of Philadelphia

*Program Director:*  
Hans H Liu, MD  
Presbyterian Medical Center of Philadelphia  
51 N 39th St  
Rm W 284  
Philadelphia, PA 19104  
215 662-9288

*Length:* 3 Year(s) *Total Positions:* 49 (GYI: 23)  
*Subspecialties:* CD,GE,HEM,ON,PUD  
**Program ID:** 140-41-11-377

**Temple University Program**

Temple University Hospital  
Germantown Hospital and Medical Center

*Program Director:*  
Richard S Eisenstaedt, MD  
Dept of Internal Medicine  
Temple University Hospital  
Broad & Tioga Sts 8PP  
Philadelphia, PA 19140  
215 707-2772

*Length:* 3 Year(s) *Total Positions:* 74 (GYI: 26)  
*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU  
**Program ID:** 140-41-21-378

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*  
Thomas J Nasca, MD  
Jefferson Medical College Dept of Medicine  
1025 Walnut St  
Rm 801  
Philadelphia, PA 19107  
215 955-8904

*Length:* 3 Year(s) *Total Positions:* 104 (GYI: 45)  
*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU  
**Program ID:** 140-41-21-379

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*  
Donald B Martin, MD  
Dept of Medicine  
100 Centrex Box 708  
3400 Spruce St  
Philadelphia, PA 19104  
215 662-3924

*Length:* 3 Year(s) *Total Positions:* 105 (GYI: 46)  
*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,  
PUD,RHU  
**Program ID:** 140-41-21-380

**Pittsburgh**

**MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital

*Program Director:*  
Claude R Joyner, MD  
Dept of Internal Medicine  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
800 858-0907

*Length:* 3 Year(s) *Total Positions:* 60 (GYI: 24)  
*Subspecialties:* CD,GE,NEP,ON,PUD  
**Program ID:** 140-41-11-381

**Mercy Hospital of Pittsburgh Program**

Mercy Hospital of Pittsburgh

*Program Director:*  
Kimball W Mohn, MD  
Mercy Hospital of Pittsburgh  
Dept of Medicine  
1400 Locust St  
Pittsburgh, PA 15219-5166  
412 232-5533

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 21)  
**Program ID:** 140-41-11-385

**Shadyside Hospital Program**

Shadyside Hospital

*Program Director:*  
Mark S Roberts, MD  
Shadyside Hospital  
5230 Centre Ave  
Pittsburgh, PA 15232  
412 623-2465

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 10)  
*Subspecialties:* CD,END,GE,IMG  
**Program ID:** 140-41-22-451

**St Francis Medical Center Program**

St Francis Medical Center

*Program Director:*  
T Michael White, MD  
St Francis Medical Center  
400 45th St  
Pittsburgh, PA 15201  
412 622-4388

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 11)  
**Program ID:** 140-41-11-386

**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*  
Frank J Kroboth, MD  
Hosp of the Univ Hlth Ctr of Pittsburgh  
3550 Terrace St  
1218 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9642

*Length:* 3 Year(s) *Total Positions:* 109 (GYI: 39)  
*Subspecialties:* PCC  
**Program ID:** 140-41-21-504

**Western Pennsylvania Hospital Program**

Western Pennsylvania Hospital

*Program Director:*  
Herbert S Diamond, MD  
Western Pennsylvania Hospital  
Dept of Medicine  
4800 Friendship Ave  
Pittsburgh, PA 15224  
412 578-5750

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 16)  
*Subspecialties:* CD,GE,HEM,PUD  
**Program ID:** 140-41-11-387

**Reading**

**Reading Hospital and Medical Center Program**

Reading Hospital and Medical Center

*Program Director:*  
Daniel B Kimball Jr, MD  
Reading Hospital and Medical Center  
Sixth & Spruce Sts  
Reading, PA 19611  
800 592-9943

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID:** 140-41-12-388

**Sayre**

**Guthrie Healthcare System Program**

Robert Packer Hospital

*Program Director:*  
Felix J DeSio, MD  
Guthrie Healthcare System/Robert Packer Hosp  
Guthrie Sq  
Sayre, PA 18840-1698  
717 882-4537

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 10)  
*Subspecialties:* CD,GE,PUD,RHU  
**Program ID:** 140-41-12-389

**Scranton**

**Scranton-Temple Residency Program**

Scranton-Temple Residency Program Inc

Mercy Hospital  
Moses Taylor Hospital

*Program Director:*  
Robert E Wright, MD  
746 Jefferson Ave  
Scranton, PA 18510  
717 343-2383

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 140-41-21-390

\* Updated information not provided.

**Wilkes-Barre****Northeastern Pennsylvania Hospitals Program**

Veterans Affairs Medical Center (Wilkes-Barre)  
Community Medical Center

*Program Director:*  
Ramesh M Shah, MD  
Veterans Affairs Medical Center  
1111 E End Blvd  
Wilkes-Barre, PA 18711  
717 824-3521

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 17)  
*Subspecialties:* PUD  
**Program ID:** 140-41-31-391

**Wynnewood****Lankenau Hospital Program\***

Lankenau Hospital  
*Program Director:*  
Robert L Benz, MD  
Lankenau Hospital  
Dept of Medicine Ste 116  
100 Lancaster Ave W of City Line  
Wynnewood, PA 19096  
215 645-3128

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 26)  
*Subspecialties:* CD,GE,HO,NEP  
**Program ID:** 140-41-11-373

**York****York Hospital Program**

York Hospital  
*Program Director:*  
Wolfe Blotzer, MD  
York Hospital  
1001 S George St  
York, PA 17405  
717 851-2164

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID:** 140-41-11-392

**Puerto Rico****Bayamon****Universidad Central del Caribe Program\***

University Hospital Ramon Ruiz Arnau  
*Program Director:*  
Robert Hunter-Mellado, MD  
University Hospital Ramon Ruiz Arnau  
Dept of Internal Medicine  
PO Box 60-327  
Bayamon, PR 00621-6032  
809 740-4295

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 22)  
**Program ID:** 140-42-12-452

**Caguas****Caguas Regional Hospital Program\***

Caguas Regional Hospital  
*Program Director:*  
Juan R Otero, MD  
Caguas Regional Hospital  
Dept of Medicine  
Caguas, PR 00725  
809 744-3169

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)  
**Program ID:** 140-42-21-393

**Mayaguez****Ramon E Betances Hospital-Mayaguez Medical Center Program\***

Dr Ramon E Betances Hospital-Mayaguez Medical Center

*Program Director:*  
Sigfredo Acaron III, MD  
Mayaguez Medical Center  
Dept of Internal Medicine  
Carr 2 Num 410  
Mayaguez, PR 00680-1522  
809 834-8686

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 140-42-12-394

**Ponce****Hospital de Damas Program**

Hospital de Damas  
*Program Director:*  
Felix M Cortes, MD  
Edificio Parra Ste 407  
Ponce Bypass  
Ponce, PR 00731  
809 840-8686

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Subspecialties:* CD,GE,PUD  
**Program ID:** 140-42-11-453

**Ponce Regional Hospital Program**

Ponce Regional Hospital  
Hospital San Lucas

*Program Director:*  
Lawrence Olsen Maristany, MD  
Ponce Regional Hospital Dept of Internal Medicine  
PO Box 185  
Ponce, PR 00733  
809 844-2080

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 7)  
**Program ID:** 140-42-11-395

**Rio Piedras****San Juan City Hospital Program**

San Juan City Hospital  
*Program Director:*  
Jose H Martinez, MD  
Dept of Med  
San Juan Municipal Hospital  
Box 21405  
Rio Piedras, PR 00928  
809 765-5147

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
*Subspecialties:* CD,END,HEM,ON,PUD,RHU  
**Program ID:** 140-42-11-396

**San German****Hospital de La Concepcion Program**

Hospital de la Concepcion  
*Program Director:*  
Francisco Jaume, MD  
Hospital De La Concepcion  
Box 285  
St Luna #41  
San German, PR 00683  
809 892-1860

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 5)  
**Program ID:** 140-42-21-488

**San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
Hospital Dr Federico Trilla  
University Hospital

*Program Director:*  
Mario R Garcia-Palmieri, MD  
University Hospital Puerto Rico Medical Center  
Box 5067  
San Juan, PR 00936  
809 758-2525

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 15)  
*Subspecialties:* CD,END,GE,HEM,ID,IMG,NEP,ON,PUD,  
RHU

**Program ID:** 140-42-21-397

**Veterans Affairs Medical and Regional Office Center Program**

Veterans Affairs Medical Center (San Juan)

*Program Director:*  
Carlos H Ramirez-Ronda, MD  
VA Medical Center  
One Veterans Plaza  
San Juan, PR 00927-5800  
809 758-6900

*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 16)  
*Subspecialties:* CD,ID,NEP,PUD  
**Program ID:** 140-42-31-398

**Rhode Island****Pawtucket****Brown University (Memorial) Program**

Memorial Hospital of Rhode Island

*Program Director:*  
Richard Carleton, MD  
Memorial Hospital of Rhode Island  
111 Brewster St  
Pawtucket, RI 02860  
401 729-2478

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
**Program ID:** 140-43-21-473

**Providence****Brown University (Miriam) Program**

Miriam Hospital  
*Program Director:*  
Fred J Schiffman, MD  
Miriam Hospital  
164 Summit Ave  
Providence, RI 02906  
401 331-8500

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 20)  
*Subspecialties:* CCM  
**Program ID:** 140-43-11-399

**Brown University (Roger Williams) Program**

Roger Williams Medical Center  
Veterans Affairs Medical Center (Providence)

*Program Director:*  
Alan B Weitberg, MD  
Dept of Internal Medicine/Brown Univ Program C  
Roger Williams Hospital  
825 Chalkstone Ave  
Providence, RI 02908-4735  
401 456-2033

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 14)  
*Subspecialties:* CD,HEM,ID,ON,PUD,RHU  
**Program ID:** 140-43-31-401

\* Updated information not provided.

## Brown University Program

Rhode Island Hospital

*Program Director:*

Albert S Most, MD

Rhode Island Hosp

Department of Medicine

593 Eddy St

Providence, RI 02903-4923

401 444-5577

*Length:* 3 Year(s) *Total Positions:* 68 (GYI: 28)

*Subspecialties:* CCM,CD,END,GE,NEP

*Program ID:* 140-43-11-400

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine

MUSC Medical Center

Veterans Affairs Medical Center (Charleston)

*Program Director:*

Donald L Fox, MD

Medical University of South Carolina

Dept of Internal Medicine

171 Ashley Ave

Charleston, SC 29425-2220

803 782-2915

*Length:* 3 Year(s) *Total Positions:* 61 (GYI: 26)

*Subspecialties:* CD,END,GE,HO,ID,NEP,PCC,RHU

*Program ID:* 140-45-21-403

### Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program

Richland Memorial Hospital-Univ of South Carolina Sch

of Med

Williams Jennings Bryan Dorn Veterans Hospital

*Program Director:*

Nancy A Richeson, MD

Dept of Medicine

2 Richland Medical Pk Ste 502

Columbia, SC 29203

803 540-1000

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Subspecialties:* CD,END,GE,ON,PUD

*Program ID:* 140-45-21-404

### Greenville

#### Greenville Hospital System Program

Greenville Hospital System

*Program Director:*

David W Potts, MD

Greenville Hospital System

701 Grove Rd

Greenville, SC 29605

803 455-7882

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 140-45-11-405

## South Dakota

### Sioux Falls

#### University of South Dakota Program

University of South Dakota School of Medicine

McKenna Hospital

Royal C Johnson Veterans Affairs Medical Center

Sioux Valley Hospital

*Program Director:*

John L Boice, MD

Univ of South Dakota Dept of Internal Medicine

Health Science Center

1400 W 22nd St

Sioux Falls, SD 57105-1570

605 357-1558

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 10)

*Program ID:* 140-46-21-406

## Tennessee

### Chattanooga

#### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga

Erlanger Medical Center

*Program Director:*

Douglas L Bechard, MD

Chattanooga Unit-Univ of Tennessee College of Medicine

979 E Third St

Ste 505

Chattanooga, TN 37403

615 778-8084

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 8)

*Program ID:* 140-47-11-407

### Johnson City

#### East Tennessee State University Program

James H Quillen College of Medicine

Bristol Regional Medical Center

Holston Valley Hospital and Medical Center

Johnson City Medical Center Hospital

Veterans Affairs Medical Center (Mountain Home)

*Program Director:*

Steven L Berk, MD

East Tennessee State University

Box 70 622

Johnson City, TN 37614-0622

615 929-6282

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 22)

*Subspecialties:* CD,GE,HO,ID,IMG,PUD

*Program ID:* 140-47-21-408

### Knoxville

#### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine

University of Tennessee Memorial Hospital

*Program Director:*

Warren G Thompson, MD

The University of Tennessee

Graduate School of Medicine

1924 Alcoa Hwy

Knoxville, TN 37920

615 544-9340

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 140-47-11-409

## Memphis

#### Methodist Hospital-Central Unit Program

Methodist Hospital-Central Unit

*Program Director:*

Stephen T Miller, MD

Medical Education Dept 1 Tower

Methodist Hospital-Central Unit

1265 Union Ave

Memphis, TN 38104-3415

901 726-8255

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 12)

*Program ID:* 140-47-31-411

#### University of Tennessee Program\*

University of Tennessee College of Medicine

Baptist Memorial Hospital

Regional Medical Center at Memphis

University of Tennessee Medical Center

Veterans Affairs Medical Center (Memphis)

*Program Director:*

Michael S Bronze, MD

The Univ of Tennessee Memphis

Med Educ Office

956 Court Ave B318

Memphis, TN 38163

901 528-5814

*Length:* 3 Year(s) *Total Positions:* 91 (GYI: 36)

*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,

PUD,RHU

*Program ID:* 140-47-21-412

## Nashville

#### George W Hubbard Hospital of Meharry Medical College Program\*

George W Hubbard Hospital of Meharry Medical College

Alvin C York Veterans Affairs Medical Center

Metropolitan Nashville General Hospital

*Program Director:*

Robert E Hardy, MD

Meharry Medical College Dept of Medicine

1005 D B Dodd Blvd

Nashville, TN 37208

615 327-6277

*Length:* 3 Year(s)

*Program ID:* 140-47-11-413

#### University of Tennessee (Nashville) Program

Baptist Hospital

University of Tennessee College of Medicine

*Program Director:*

Paul C McNabb, MD

Baptist Hospital

Dept of Medicine

2000 Church St

Nashville, TN 37236

615 329-5167

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 6)

*Program ID:* 140-47-21-478

#### Vanderbilt University Program

Vanderbilt University Medical Center

Metropolitan Nashville General Hospital

Veterans Affairs Medical Center (Nashville)

*Program Director:*

John A Oates, MD

D-3100 Vanderbilt Medical Center North

21st & Garland Sts

Attn: Ms Glenna Gant

Nashville, TN 37232-2358

615 322-2036

*Length:* 3 Year(s) *Total Positions:* 104 (GYI: 35)

*Subspecialties:* CD,END,GE,HO,ID,NEP,PCC,RHU

*Program ID:* 140-47-31-414

\* Updated information not provided.

## Texas

### Amarillo

#### Texas Tech University (Amarillo) Program

Texas Tech University Health Sciences Center at Amarillo  
Northwest Texas Health Care System  
Veterans Affairs Medical Center (Amarillo)

*Program Director:*

Constantine K Saddeh, MD  
Texas Tech University Health Sciences Center  
1400 Wallace Blvd  
Amarillo, TX 79106  
806 354-5489

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 14)  
*Program ID:* 140-48-21-477

### Austin

#### Central Texas Medical Foundation Program

Central Texas Medical Foundation  
Brackenridge Hospital

*Program Director:*

Beth W Miller, MD  
Brackenridge Hospital  
601 E 15th St  
Austin, TX 78701  
512 480-1868

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Program ID:* 140-48-12-415

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center

*Program Director:*

John S Fordtran, MD  
Baylor University Medical Center  
3500 Gaston Ave Box ME  
Dallas, TX 75246  
214 820-2671

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 16)  
*Subspecialties:* CD,GE,ID,ON  
*Program ID:* 140-48-31-416

#### Methodist Hospitals of Dallas Program

Methodist Hospitals of Dallas

*Program Director:*

Jack A Barnett, MD  
Methodist Hospitals of Dallas  
Medical Education Dept  
PO Box 655999  
Dallas, TX 75265-5999  
214 947-2306

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 140-48-12-417

#### Presbyterian Hospital of Dallas Program

Presbyterian Hospital of Dallas

*Program Director:*

James P Knochel, MD  
Presbyterian Hospital of Dallas  
Dept of Internal Medicine  
8200 Walnut Hill Ln  
Dallas, TX 75231-4496  
214 345-7881

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 12)  
*Program ID:* 140-48-11-420

#### St Paul Medical Center Program

St Paul Medical Center

*Program Director:*

Joseph Viroslav, MD  
St Paul Medical Center  
Dept of Internal Medicine  
5909 Harry Hines Blvd  
Dallas, TX 75235  
214 879-3788

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
*Program ID:* 140-48-11-418

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

Daniel Foster, MD  
Univ of Texas Hlth Sci Ctr  
PO Box 36423  
Dallas, TX 75235  
214 648-3486

*Length:* 3 Year(s) *Total Positions:* 132 (GYI: 48)  
*Subspecialties:* CD,END,GE,HO,ID,NEP,PCC,RHU  
*Program ID:* 140-48-21-419

### El Paso

#### Texas Tech University (El Paso) Program

Texas Tech University Health Sciences Center at El Paso  
RE Thomason General Hospital

*Program Director:*

William L Hand, MD  
Patricia Rowley, MD  
Texas Tech University Health Sciences Center  
4800 Alberta Ave  
El Paso, TX 79905-1298  
915 545-6615

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
*Program ID:* 140-48-11-424

#### William Beaumont Army Medical Center Program

William Beaumont Army Medical Center

*Program Director:*

Col Preston B Cannady Jr, MD  
William Beaumont Army Medical Center  
Dept of Medicine  
5005 N Piedras St  
El Paso, TX 79920-5001  
915 569-2180

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
*Program ID:* 140-48-12-008

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

Col Michael A Berry, MD  
Brooke Army Medical Center  
Dept of Medicine  
Attn: HSHE-MD Bldg 2376  
Fort Sam Houston, TX 78234-6260  
210 916-9320

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 8)  
*Subspecialties:* CCM,CD,END,GE,HO,ID,NEP,PCC  
*Program ID:* 140-48-12-009

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Thomas A Blackwell, MD  
301 University Blvd  
Univ of Texas Medical Branch  
Galveston, TX 77555-0570  
409 772-2653

*Length:* 3 Year(s) *Total Positions:* 80 (GYI: 35)  
*Subspecialties:* CD,END,GE,ID,IMG,NEP,ON,PUD  
*Program ID:* 140-48-21-421

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
St Luke's Episcopal Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Edward C Lynch, MD  
Baylor College of Medicine  
Dept of Medicine B-501  
6565 Fannin  
Houston, TX 77030-2707  
713 790-3217

*Length:* 3 Year(s) *Total Positions:* 141 (GYI: 54)  
*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,PCC,RHU  
*Program ID:* 140-48-21-422

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital

*Program Director:*

Victor R Lavis, MD  
6431 Fannin St  
Room 1.150  
Houston, TX 77030  
713 792-5991

*Length:* 3 Year(s) *Total Positions:* 112 (GYI: 35)  
*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU  
*Program ID:* 140-48-31-423

### Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)

*Program Director:*

George E Crawford, MD  
Wilford Hall Medical Center  
Div of Med/PSM  
2200 Berquist Dr Ste 1  
San Antonio, TX 78236-6300  
210 670-6500

*Length:* 3 Year(s) *Total Positions:* 57 (GYI: 25)  
*Subspecialties:* CCM,CD,END,GE,HO,ID,IMG,NEP,PUD,RHU  
*Program ID:* 140-48-12-003

\* Updated information not provided.

## Lubbock

### Texas Tech University (Lubbock) Program

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*

Kenneth M Nugent, MD  
Texas Tech University Health Sciences Center  
Dept of Medicine  
3601 4th St  
Lubbock, TX 79430  
806 743-3166

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 10)  
*Subspecialties:* CD,GE,NEP  
**Program ID:** 140-48-21-459

## San Antonio

### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

Charles A Duncan, MD  
University of Texas Health Science Center  
Dept of Medicine Housestaff Office  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7871  
210 567-4820

*Length:* 3 Year(s) *Total Positions:* 94 (GYI: 41)  
*Subspecialties:* CD,END,GE,HEM,ID,NEP,ON,PCC,RHU  
**Program ID:** 140-48-21-425

## Temple

### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital  
Olin E Teague Veterans Center

*Program Director:*

Phillip T Cain, MD  
Texas A&M-Scott and White  
Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 14)  
*Subspecialties:* CD,END,GE,HEM,ON,PUD  
**Program ID:** 140-48-21-426

## Utah

### Salt Lake City

#### LDS Hospital Program

LDS Hospital

*Program Director:*

G Michael Vincent, MD  
LDS Hospital  
Eighth Ave and C St  
Salt Lake City, UT 84143  
801 321-1075

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 8)  
**Program ID:** 140-49-11-428

## University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Barry M Stults, MD  
University of Utah Medical  
50 N Medical Dr #4C104  
Salt Lake City, UT 84132  
801 581-7899

*Length:* 3 Year(s) *Total Positions:* 66 (GYI: 30)  
*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,  
PUD,RHU  
**Program ID:** 140-49-21-427

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program\*

Medical Center Hospital of Vermont

*Program Director:*

Mark A Levine, MD  
Medical Center Hospital of Vermont  
Dept of Medicine  
311 Fletcher House  
Burlington, VT 05401  
802 656-4953

*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 20)  
*Subspecialties:* CD,END,GE,HO,NEP,PUD,RHU  
**Program ID:** 140-50-21-429

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

W Michael Scheid, MD  
University of Virginia Hospitals Dept of Internal Med  
Box 136  
Charlottesville, VA 22908  
804 924-2315

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 23)  
*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,  
PUD,RHU  
**Program ID:** 140-51-21-430

## Norfolk

#### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
DePaul Medical Center  
Sentara Leigh Hospital  
Sentara Norfolk General Hospital  
Veterans Affairs Medical Center (Hampton)

*Program Director:*

Thomas J Manser, MD  
Eastern Virginia Graduate Sch of Med Dept of Int Med  
825 Fairfax Ave Hofheimer Hall  
Norfolk, VA 23507  
804 446-8910

*Length:* 3 Year(s) *Total Positions:* 49 (GYI: 28)  
**Program ID:** 140-51-21-432

## Portsmouth

### Naval Medical Center (Portsmouth) Program\*

Naval Medical Center (Portsmouth)

*Program Director:*

Capt Stephen C Beuttel, MD  
Naval Hospital  
Dept of Medicine  
Portsmouth, VA 23708-5100  
804 398-5067

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 19)  
*Subspecialties:* GE,NEP,PUD  
**Program ID:** 140-51-11-014

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Shaun J Ruddy, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980663  
Richmond, VA 23298-0663  
804 371-5161

*Length:* 3 Year(s) *Total Positions:* 93 (GYI: 38)  
*Subspecialties:* CD,END,GE,HO,ID,IMG,NEP,PCC,RHU  
**Program ID:** 140-51-21-433

## Roanoke

### University of Virginia (Roanoke-Salem) Program

Carilion Health System  
Community Hospital of Roanoke Valley  
Roanoke Memorial Hospitals  
Veterans Affairs Medical Center (Salem)

*Program Director:*

Neil K Dorsey, MD  
Charles J Schleupner, MD  
Roanoke Memorial Hosp  
PO Box 13367  
Roanoke, VA 24033  
703 981-7120

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 18)  
*Subspecialties:* CD,ID,PUD  
**Program ID:** 140-51-31-431

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Harborview Medical Center  
Providence Medical Center  
Swedish Medical Center-Seattle  
University of Washington Medical Center  
Veterans Affairs Medical Center (Boise)  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

James F Wallace, MD  
University of Washington  
Medicine Residency Program RG-21  
1959 NE Pacific St  
Seattle, WA 98195  
206 543-3249

*Length:* 3 Year(s) *Total Positions:* 148 (GYI: 58)  
*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,  
PCC,RHU  
**Program ID:** 140-54-21-434

\* Updated information not provided.

**Virginia Mason Medical Center Program**

Virginia Mason Medical Center

*Program Director:*

Judith L Bowen, MD  
Virginia Mason Medical Center  
Office of Housestaff Affairs H7-ME  
925 Seneca St  
Seattle, WA 98101  
206 583-6079

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 13)  
**Program ID:** 140-54-12-435

**Spokane**

**Spokane Program**

Sacred Heart Medical Center  
Deaconess Medical Center

*Program Director:*

George Novan, MD  
W 101 Eighth Ave  
PO Box 2555  
Spokane, WA 99220-2555  
509 455-3022

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
**Program ID:** 140-54-31-436

**Tacoma**

**Madigan Army Medical Center Program**

Madigan Army Medical Center

*Program Director:*

Col Eric B Schoemaker, MD PhD  
Madigan Army Medical Center  
Dept of Medicine  
Tacoma, WA 98431-5000  
206 968-1290

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Subspecialties:* CD,END,HO,IMG,PUD  
**Program ID:** 140-54-12-010

**West Virginia**

**Charleston**

**West Virginia University (Charleston Division) Program**

Charleston Area Medical Center

*Program Director:*

Shawn A Chillag, MD  
Dept of Internal Medicine  
Robert C Byrd HSC/WVU/Charleston  
3110 MacCorkle Ave  
Charleston, WV 25304  
304 347-1341

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 13)  
**Program ID:** 140-55-11-438

**Huntington**

**Marshall University School of Medicine Program**

Marshall University School of Medicine  
Cabell Huntington Hospital  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*

Kevin W Yingling, MD  
Marshall University School of Medicine  
Dept of Internal Medicine  
Huntington, WV 25755-9410  
304 696-7242

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 12)  
*Subspecialties:* CD,END,ID,IMG,PUD  
**Program ID:** 140-55-21-439

**Morgantown**

**West Virginia University Program**

West Virginia University Hospitals

*Program Director:*

Rashida A Khakoo, MD  
West Virginia University Hospitals  
Dept of Internal Medicine  
PO Box 9168  
Morgantown, WV 26506-9168  
304 293-4121

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 13)  
*Subspecialties:* CD,END,GE,ID,NEP,ON,PCC  
**Program ID:** 140-55-11-440

**Wheeling**

**Ohio Valley Medical Center Program**

Ohio Valley Medical Center

*Program Director:*

Jeffrey S Shultz, MD  
Ohio Valley Medical Center Dept of Internal Medicine  
2000 Eoff St  
Wheeling, WV 26003  
304 234-8157

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID:** 140-55-11-441

**Wisconsin**

**La Crosse**

**Gundersen Medical Foundation-La Crosse Lutheran Hospital Program**

Gundersen Medical Foundation-La Crosse Lutheran Hospital

*Program Director:*

Robert S Witte, MD  
Gundersen Medical Foundation  
Lutheran Hospital-La Crosse  
1836 South Ave  
La Crosse, WI 54601-5429  
608 791-6650

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)  
**Program ID:** 140-56-12-442

**Madison**

**University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Bennett S Vogelmann, MD  
University of Wisconsin Hospital & Clinics  
600 Highland Ave  
Madison, WI 53792-2454  
608 263-7352

*Length:* 3 Year(s) *Total Positions:* 72 (GYI: 23)  
*Subspecialties:* CD,END,GE,HEM,ID,IMG,NEP,ON,RHU  
**Program ID:** 140-56-21-443

**Marshfield**

**University of Wisconsin (Marshfield) Program**

Marshfield Clinic-St Joseph's Hospital

*Program Director:*

Norman A Desbiens, MD  
Marshfield Clinic  
Dept Internal Medicine 3K2  
1000 N Oak Ave  
Marshfield, WI 54449  
715 387-5989

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Subspecialties:* IMG  
**Program ID:** 140-56-31-444

**Milwaukee**

**Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Proedtert Memorial Lutheran Hospital  
John L Doyle Hospital

*Program Director:*

James M Cerletty, MD  
Medical College of Wisconsin  
Div of Educational Affairs  
8700 W Wisconsin Ave Box 147  
Milwaukee, WI 53226  
414 257-6050

*Length:* 3 Year(s) *Total Positions:* 88 (GYI: 32)  
*Subspecialties:* CCM,CD,END,GE,HEM,ID,IMG,NEP,ON,  
PUD,RHU

**Program ID:** 140-56-31-445

**University of Wisconsin (Milwaukee) Program**

Sinai Samaritan Medical Center

*Program Director:*

Mark A Gennis, MD  
c/o Rebecca Young  
Sinai Samaritan Medical Center  
PO Box 342 945 N 12th St  
Milwaukee, WI 53201-0342  
414 283-7635

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 13)  
*Subspecialties:* CD,GE,IMG  
**Program ID:** 140-56-21-446

\* Updated information not provided.



# Medical Microbiology (Pathology-Anatomic and Clinical)

## Connecticut

### Hartford

#### Hartford Hospital Program

Hartford Hospital

*Program Director:*

Richard Quintilliani, MD  
Hartford Hospital  
80 Seymour St  
Hartford, CT 06115  
203 524-2878

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 314-08-11-003

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital

*Program Director:*

Lance R Peterson, MD  
Microbiology Section  
Northwestern Memorial Hospital  
250 E Superior Wesley 565  
Chicago, IL 60611  
312 908-8192

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 314-16-21-009

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Stephen D Allen, MD  
Indiana University School of Medicine  
Div of Clinical Microbiology  
550 N University Blvd  
Indianapolis, IN 46202-5283  
317 274-2557

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 314-17-21-001

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation

*Program Director:*

Jon E Rosenblatt, MD  
Mayo Graduate School of Medicine Application  
Processing Ctr  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-3050

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 314-26-21-006

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Joseph P Lang, MD  
St Louis University Hospital  
3635 Vista at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8383

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 314-28-21-007

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

William W McLendon, MD  
Dept of Laboratories  
Univ of North Carolina Hospitals  
101 Manning Dr  
Chapel Hill, NC 27514-7600  
919 966-2317

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 314-36-31-005

### Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

L Barth Reller, MD  
Duke University Medical Center  
Dept of Pathology  
Box 3938  
Durham, NC 27710  
919 684-6474

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 314-36-21-004

## Ohio

### Cleveland

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

John A Washington, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT92  
Dept of Microbiology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 314-38-21-008

# Musculoskeletal Oncology (Orthopaedic Surgery)

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

Mark T Scarborough, MD  
PO Box 100246 JHMHC  
Div of Orthopaedic Oncology  
Gainesville, FL 32610  
904 392-4251

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 270-11-21-009

## Illinois

### Chicago

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Michael A Simon, MD  
University of Chicago Hospitals  
5841 S Maryland Ave  
MC9079  
Chicago, IL 60637-1470  
312 702-6144

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 270-16-21-001

## Massachusetts

### Boston

#### Harvard Medical School Program

Massachusetts General Hospital  
Children's Hospital

*Program Director:*

Henry J Mankin, MD  
Massachusetts General Hospital  
Orthopaedic Surgery  
Gray 606  
Boston, MA 02114  
617 726-2943

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 270-24-21-003

## Michigan

### Detroit

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Harper Hospital  
Hutzel Hospital

*Program Director:*

James Raymond Ryan, MD  
Hutzel Hospital 1 S  
Dept of Orthopaedic Surgery  
4707 St Antoine Blvd  
Detroit, MI 48201  
313 745-6989

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 270-25-21-011

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Douglas J Pritchard, MD  
Mayo Graduate School of Medicine  
MGSM Application Processing Center  
200 First St SW  
Rochester, MN 55905  
507 284-3316

*Length:* 1 Year(s)  
**Program ID:** 270-26-21-004

## New York

### New York

#### Memorial Sloan-Kettering Cancer Center Program

Memorial Sloan-Kettering Cancer Center  
Hospital for Special Surgery

*Program Director:*

John H Healey, MD  
Memorial Sloan Kettering Cancer Center  
A-675  
1275 York Ave  
New York, NY 10021  
212 639-7610

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 270-35-21-005

## Ohio

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

John T Makley, MD  
University Hospitals of Cleveland  
11100 Euclid Ave  
Cleveland, OH 44106  
216 844-3033

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 270-38-21-006

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial  
Hospital  
Presbyterian Hospital of Dallas

*Program Director:*

Gerhard E Maale, MD  
8230 Walnut Hill Ln  
Ste 514  
Dallas, TX 75231  
214 891-1700

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 270-48-21-008

\* Updated information not provided.

## Neonatal-Perinatal Medicine (Pediatrics)

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama

*Program Director:*

Waldemar A Carlo, MD  
Regional Newborn Intensive Care Unit  
University Hospital Rm NHB 525  
Birmingham, AL 35294  
205 934-4680

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-01-21-001

### Arizona

#### Tucson

##### University of Arizona Program

University of Arizona College of Medicine  
Tucson Medical Center  
University Medical Center

*Program Director:*

Anthony F Philipps, MD  
University of Arizona Health Sciences Center  
Dept of Pediatrics  
1501 N Campbell Blvd  
Tucson, AZ 85724  
602 626-6627

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 329-03-21-107

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
University Hospital of Arkansas

*Program Director:*

Bonnie J Taylor, MD  
Dept of Pediatrics Arkansas Children's Hospital  
800 Marshall St Rm #S-470  
Little Rock, AR 72202-3591  
501 320-1028

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 329-04-21-105

### California

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Douglas D Deming, MD  
Loma Linda University Medical Center  
Dept of Pediatrics  
11234 Anderson St  
Loma Linda, CA 92354  
909 796-7311

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 329-05-21-062

#### Los Angeles

##### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Jeffrey J Pomerance, MD MPH  
Cedars-Sinai Medical Center  
8700 Beverly Blvd  
Los Angeles, CA 90048  
310 855-4434

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 329-05-21-113

##### Childrens Hospital of Los Angeles Program\*

Childrens Hospital of Los Angeles

*Program Director:*

Arnold C G Platzker, MD  
Childrens Hospital Los Angeles  
Div Neonatology & Ped Pulmonology  
4650 Sunset Blvd #83  
Los Angeles, CA 90027  
213 669-2101

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-05-21-003

##### UCLA Medical Center Program

UCLA School of Medicine  
LAC-Olive View Medical Center  
UCLA Medical Center

*Program Director:*

Cynthia T Barrett, MD  
University of California Los Angeles School of Medicine  
Pediatrics/Neonatology  
MDCC/B2-325A  
Los Angeles, CA 90024-1752  
310 825-7763

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-05-21-005

##### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Manuel Durand, MD  
Los Angeles County-USC Medical Center Dept of  
Pediatrics  
Women's & Children's Hospital  
Rm L-919 1240 North Mission Rd  
Los Angeles, CA 90033  
213 226-3403

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 329-05-21-004

### Orange

##### University of California (Irvine) Program\*

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center

*Program Director:*

Houchang D Modanlou, MD  
Medical Center Bldg 29A Rt 81  
.101 The City Drive S  
Orange, CA 92668  
213 595-3261

*Length:* 2 Year(s)  
**Program ID:** 329-05-31-114

### Sacramento

##### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

Thurman A Merritt, MD  
Dept of Pediatrics/Div of Neonatology  
UC Davis Medical Center  
2516 Stockton Blvd  
Sacramento, CA 95817  
916 734-7613

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 329-05-21-007

### San Diego

##### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Children's Hospital and Health Center

*Program Director:*

Frank L Mannino, MD  
University of California San Diego Medical Center  
Dept of Pediatrics/Neonatology  
200 W Arbor Dr  
San Diego, CA 92103-8774  
619 543-3794

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 329-05-31-096

### San Francisco

##### California Pacific Medical Center Program

California Pacific Medical Center  
California Pacific Medical Center (California Campus)

*Program Director:*

Steven L Goldman, MD  
California Pacific Medical Center  
PO Box 7999  
San Francisco, CA 94115  
415 750-6052

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 329-05-21-065

##### University of California (San Francisco) Program\*

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Joseph A Kitterman, MD  
Univ of California (San Francisco) Dept of Pediatrics  
503-U Box 0734  
533 Parnassus  
San Francisco, CA 94143-0734  
415 476-1888

*Length:* 2 Year(s)  
**Program ID:** 329-05-21-009

\* Updated information not provided.

**Stanford****Stanford University Program**

Stanford University Hospital

*Program Director:*

David K Stevenson, MD  
Stanford University School of Medicine  
750 Welch Rd Ste 315  
Palo Alto, CA 94304-0126  
415 723-5711

*Length:* 2 Year(s) *Total Positions:* 7**Program ID: 329-05-21-010****Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**Los Angeles County-Harbor-UCLA Medical Center  
LAC-King/Drew Medical Center*Program Director:*

James F Padbury, MD  
Los Angeles County Harbor - UCLA Medical Center  
1000 W Carson St Box 17  
Torrance, CA 90509  
310 222-1968

*Length:* 2 Year(s) *Total Positions:* 4**Program ID: 329-05-21-101****Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center

*Program Director:*

William W Hay Jr, MD  
University of Colorado Health Sciences Center  
4200 E 9th Ave Mail Cont #B-195  
Denver, CO 80262  
303 270-5981

*Length:* 2 Year(s) *Total Positions:* 6**Program ID: 329-07-21-012****Connecticut****Farmington****University of Connecticut Program**University of Connecticut School of Medicine  
Hartford Hospital  
Univ of Connecticut Health Center/John Dempsey Hospital*Program Director:*

Isabella Knox, MD  
University of Connecticut School of Medicine  
Div of Neonatology  
263 Farmington Ave  
Farmington, CT 06030-2203  
203 679-3105

*Length:* 2 Year(s) *Total Positions:* 5**Program ID: 329-08-21-013****New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital

*Program Director:*

Ian Gross, MD  
Yale School of Medicine  
333 Cedar St  
New Haven, CT 06510-8064  
203 785-2320

*Length:* 2 Year(s) *Total Positions:* 4**Program ID: 329-08-21-014****District of Columbia****Washington****George Washington University Program**George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital*Program Director:*

Mhairi G MacDonald, MD  
Children's Hospital National Medical Center  
111 Michigan Ave NW  
Washington, DC 20010  
202 884-2133

*Length:* 2 Year(s) *Total Positions:* 6**Program ID: 329-10-21-015****Georgetown University Program**

Georgetown University Hospital

*Program Director:*

Martin Keszler, MD  
Div of Neonatology 3 South Main Hosp  
Georgetown University Med Center  
3800 Reservoir Rd NW  
Washington, DC 20007-2197  
202 687-8569

*Length:* 2 Year(s) *Total Positions:* 6**Program ID: 329-10-21-066****Florida****Gainesville****University of Florida Program**University of Florida College of Medicine  
Shands Hospital at the University of Florida*Program Director:*

Josef Neu, MD  
University of Florida College of Medicine  
Dept of Pediatrics/Neonatology  
PO Box 100296  
Gainesville, FL 32610-0296  
904 392-4195

*Length:* 2 Year(s) *Total Positions:* 6**Program ID: 329-11-21-016****Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Eduardo Bancalari, MD  
University of Miami Div of Neonatology (R131)  
PO Box 016960  
Miami, FL 33101  
305 585-6408

*Length:* 2 Year(s) *Total Positions:* 8**Program ID: 329-11-21-017****Tampa****University of South Florida Program**University of South Florida College of Medicine  
Tampa General Healthcare*Program Director:*

Robert M Nelson, MD MS  
University of South Florida College of Medicine  
17 Davis Blvd 2nd Fl  
Tampa, FL 33606-3309  
813 272-3799

*Length:* 2 Year(s) *Total Positions:* 3**Program ID: 329-11-21-018****Georgia****Atlanta****Emory University Program**Emory University School of Medicine  
Grady Memorial Hospital*Program Director:*

J Devn Cornish, MD  
Dept of Pediatrics/Neonatology  
2040 Ridgewood Dr NE  
Atlanta, GA 30322  
404 727-5765

*Length:* 2 Year(s) *Total Positions:* 5**Program ID: 329-12-21-085****Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics

*Program Director:*

Jatinder Bhatia, MBBS  
Medical College of Georgia  
Dept of Pediatrics  
BW 8078  
Augusta, GA 30912-3740  
404 721-2331

*Length:* 2 Year(s) *Total Positions:* 5**Program ID: 329-12-21-067****Hawaii****Honolulu****University of Hawaii Program**University of Hawaii John A Burns School of Medicine  
Kapiolani Medical Center for Women and Children  
Tripler Army Medical Center*Program Director:*

Kenneth T Nakamura, MD  
Kapiolani Medical Center for Women and Children  
1319 Punahou St  
Honolulu, HI 96826  
808 973-8670

*Length:* 2 Year(s) *Total Positions:* 6**Program ID: 329-14-21-019****Illinois****Chicago****Cook County Hospital Program**

Cook County Hospital

*Program Director:*

Suma P Pyati, MD  
Division of Neonatology  
Cook County Children's Hospital  
700 S Wood St  
Chicago, IL 60612-9985  
312 633-6545

*Length:* 2 Year(s) *Total Positions:* 9**Program ID: 329-16-21-020**

\* Updated information not provided.

## McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center  
Evanston Hospital  
Northwestern Memorial Hospital

*Program Director:*  
Edward S Ogata, MD  
Children's Memorial Hospital  
Div of Neonatology #45  
2300 Children's Plaza  
Chicago, IL 60614  
312 880-4142

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-16-21-021

## University of Chicago Program

Wyer Children's Hospital at the University of Chicago

*Program Director:*  
Kwang-Sun Lee, MD  
Wyer Children's Hospital  
5841 S Maryland Ave  
MC6060  
Chicago, IL 60637-1470  
312 702-6210

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-16-11-098

## University of Illinois College of Medicine at Chicago Program\*

University of Illinois College of Medicine at Chicago  
Illinois Masonic Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*  
Dharmapuri Vidyasagar, MD  
University of Illinois Hospital  
840 S Wood St M/C 856  
Chicago, IL 60612  
312 996-4185

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-16-21-022

## Maywood

### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago

*Program Director:*  
Thomas F Myers, MD  
Foster G. McGaw Hospital  
2160 S First Ave  
Maywood, IL 60153  
708 216-1067

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-16-21-069

## Park Ridge

### Lutheran General Hospital Program

Lutheran General Hospital

*Program Director:*  
Henry H Mangurten, MD  
Lutheran General Hospital  
1775 Dempster St  
Park Ridge, IL 60068  
708 696-6313

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 329-16-21-070

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
William N Wishard Memorial Hospital

*Program Director:*  
Mervin C Yoder, MD  
Section of Neonatal-Perinatal Med  
702 Barnhill Dr One Children's Sq  
Riley Research Room 208  
Indianapolis, IN 46202-5210  
317 274-4716

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-17-21-023

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*  
Edward F Bell, MD  
University of Iowa Hospitals and Clinics  
Dept of Pediatrics  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-4006

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-18-11-087

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center

*Program Director:*  
Thomas Pauly, MD  
Albert B Chandler Medical Center Dept of Pediatrics  
University of Kentucky  
Neonatology MS 472  
Lexington, KY 40536-0084  
606 323-5530

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 329-20-21-024

## Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
University of Louisville Hospital

*Program Director:*  
David H Adamkin, MD  
Dept of Pediatrics  
University of Louisville  
Louisville, KY 40292  
502 629-8626

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 329-20-21-025

## Louisiana

### New Orleans

#### Louisiana State University/Tulane University Program

Louisiana State University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans  
Tulane University Hospital and Clinics

*Program Director:*  
David A Clark, MD  
Louisiana State University School of Medicine  
1542 Tulane Ave  
New Orleans, LA 70112  
504 568-4421

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 329-21-21-106

## Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport

*Program Director:*  
Arun K Pramanik, MD  
Louisiana State University Medical Center Hospital  
Medical Educ (Neo-Perinatal)  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-7276

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 329-21-11-088

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*  
Estelle B Gauda, MD  
The Johns Hopkins Hospital  
Eudowood Neonatal Pulmonary Div  
600 N Wolfe St CMSC 210  
Baltimore, MD 21287-3200  
410 955-5259

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 329-23-21-026

#### University of Maryland Program

University of Maryland Medical System  
Mercy Medical Center

*Program Director:*  
Ira H Gewolb, MD  
Dept. of Pediatrics - UMMS N5W68  
22 S Greene Street  
Baltimore, MD 21201  
410 328-6356

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 329-23-21-027

\* Updated information not provided.

**Bethesda****Walter Reed Army Medical Center Program**

USUHS F Edward Herbert School of Medicine  
Walter Reed Army Medical Center

*Program Director:*

Cheryl M Naulty, MD  
Uniformed Services University of The Health Sciences  
4301 Jones Bridge Rd Dept of Peds  
Bethesda, MD 20814-4799  
202 295-3131

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 329-10-11-090

**Massachusetts****Boston****Boston Perinatal Center Program**

New England Medical Center Hospitals  
Boston City Hospital

*Program Director:*

Kevin P Petit, MD  
New England Medical Center-NEMC #44  
750 Washington St  
Boston, MA 02111  
617 636-7395

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 329-24-21-071

**Harvard Medical School Program**

Children's Hospital  
Beth Israel Hospital  
Brigham and Women's Hospital

*Program Director:*

Merton Bernfield, MD  
Joint Program in Neonatology  
Children's Hospital  
300 Longwood Ave Enders 9  
Boston, MA 02115  
617 735-6366

*Length:* 2 Year(s) *Total Positions:* 17

**Program ID:** 329-24-21-028

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
Medical Center of Central Massachusetts

*Program Director:*

Francis J Bednarek, MD  
Medical Center of Central Massachusetts  
119 Belmont St  
Worcester, MA 01605  
508 793-6206

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 329-24-21-029

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

Roger G Faix, MD  
Newborn Services  
F5790 Mott Box 0254  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0254  
313 763-4109

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 329-25-21-030

**Detroit****Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Hutzel Hospital

*Program Director:*

Seetha Shankaran, MD  
Children's Hospital of Michigan  
3901 Beaubien Blvd  
Detroit, MI 48201  
313 745-5638

*Length:* 2 Year(s)

**Program ID:** 329-25-21-031

**East Lansing****Michigan State University Program**

Michigan State University College of Human Medicine  
Sparrow Hospital

*Program Director:*

J M Lorenz, MD  
Edward W Sparrow Hospital  
1215 E Michigan Ave  
PO Box 30480  
Lansing, MI 48909-7980  
517 483-2870

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 329-25-21-032

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
Children's Health Care-St Paul  
University of Minnesota Hospital and Clinic

*Program Director:*

Michael K Georgieff, MD  
University of Minnesota Hospital and Clinic  
420 Delaware St SE  
Box 39  
Minneapolis, MN 55455  
612 626-2971

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 329-26-21-033

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

Philip G Rhodes, MD  
University of Mississippi Medical Center  
Div of Newborn Medicine  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5260

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 329-27-21-034

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

Elizabeth P James, MD  
Missouri University School of Medicine  
Dept of Child Health-M758  
One Hospital Dr  
Columbia, MO 65212  
314 882-7919

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 329-28-21-035

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital  
Truman Medical Center-West

*Program Director:*

William E Truog, MD  
c/o Neonatology  
Children's Mercy Hospital  
2401 Gillham Rd  
Kansas City, MO 64108-9898  
816 234-3592

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 329-28-11-091

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital

*Program Director:*

William J Keenan, MD  
Uday P Devaskar, MD  
Cardinal Glennon Children's Hospital  
1465 S Grand Blvd  
St Louis, MO 63104  
314 577-5642

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 329-28-21-036

**Washington University Program**

St Louis Children's Hospital.

*Program Director:*

Peter M Haney, MD PhD  
Div of Newborn Medicine  
St Louis Children's Hospital  
One Children's Pl  
St Louis, MO 63110  
314 454-6148

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 329-28-21-037

\* Updated information not provided.

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
*Program Director:*  
Robert A Darnall, MD  
Dartmouth-Hitchcock Medical Center  
Dept of Pediatrics  
HB 7445  
Lebanon, NH 03756  
603 650-6385  
*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 329-32-21-111

## New Jersey

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
St Peter's Medical Center  
*Program Director:*  
Thomas Hegyi, MD  
St Peter's Medical Center Div of Neonatology  
254 Easton Ave  
New Brunswick, NJ 08903  
908 745-8523  
*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 329-33-21-092

## New Mexico

### Albuquerque

#### University of New Mexico Program\*

University of New Mexico School of Medicine  
University Hospital  
*Program Director:*  
Lu-Ann Papile, MD  
University of New Mexico School of Medicine  
Dept of Pediatrics  
Ambulatory Care Ctr 3 West  
Albuquerque, NM 87131-5311  
505 272-5551  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 329-34-21-072

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital  
*Program Director:*  
Joaquim M Pinheiro, MD  
Albany Medical College A-101  
Dept of Pediatrics/Neonatal  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 262-5421  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 329-35-21-038

## Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital  
*Program Director:*  
Philip Roth, MD PhD  
Weiler Hospital  
Div of Neonatology  
1825 Eastchester Rd Rm 725  
Bronx, NY 10461  
718 904-4105  
*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 329-35-21-039

## Brooklyn

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Long Island College Hospital  
University Hospital-SUNY Health Science Center at Brooklyn  
*Program Director:*  
Leonard Glass, MD  
State University of New York Health Science Ctr at Brooklyn  
450 Clarkson Ave Box 49  
Brooklyn, NY 11203-2098  
718 270-3092  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-35-21-040

## Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Children's Hospital of Buffalo  
*Program Director:*  
Corinne L Leach, MD PhD  
Children's Hospital of Buffalo  
219 Bryant St  
Buffalo, NY 14222  
716 878-7673  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 329-35-21-041

## Manhasset

#### North Shore University Hospital Program

North Shore University Hospital  
*Program Director:*  
Rita G Harper, MD  
Div of Perinatal Medicine  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030  
516 562-4665  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-35-21-073

## New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)  
*Program Director:*  
Philip J Lipsitz, MD  
Schneider Children's Hospital  
271-16 76th Ave  
New Hyde Park, NY 11042  
718 470-3440  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-35-21-074

## New York

#### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
*Program Director:*  
Ian R Holzman, MD  
Mount Sinai Medical Center Dept of Pediatrics  
One Gustave L. Levy Pl  
New York, NY 10029-6574  
212 241-5446  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 329-35-21-075

#### New York Hospital/Cornell Medical Center Program

New York Hospital  
*Program Director:*  
Peter M Auld, MD  
The New York Hospital-Cornell Medical Center  
Perinatology  
525 E 68th St  
New York, NY 10021  
212 746-3530  
*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 329-35-21-042

#### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center  
*Program Director:*  
Karen D Hendricks-Munoz, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 340-6425  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 329-35-21-108

#### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York  
*Program Director:*  
K F Schulze, MD  
Babies Hospital Columbia Presbyterian Medical Center  
3959 Broadway  
New York, NY 10032  
212 305-3221  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 329-35-21-076

\* Updated information not provided.

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Dale L Phelps, MD

Univ of Rochester School of Medicine and Dentistry

Dept of Pediatrics

601 Elmwood Ave Box 651

Rochester, NY 14642

716 275-5884

*Length: 2 Year(s) Total Positions: 7***Program ID: 329-35-21-043****Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

*Program Director:*

Leonard I Kleinman, MD

Dept of Pediatrics

State University of New York

Hlth Sci Ctr T11

Stony Brook, NY 11794-8111

516 444-7653

*Length: 2 Year(s) Total Positions: 9***Program ID: 329-35-21-093****Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

Crouse-Irving Memorial Hospital

*Program Director:*

Howard L Weinberger, MD

State University at New York Health Science Ctr at Syracuse

750 E Adams St

Syracuse, NY 13210

315 464-4868

*Length: 2 Year(s)***Program ID: 329-35-21-044****Valhalla****New York Medical College at Westchester County Medical Center Program**

New York Medical College

Lincoln Medical and Mental Health Center

Metropolitan Hospital Center

Westchester County Medical Center

*Program Director:*

Harry S Dweck, MD

Westchester County Medical Center

Regional Neonatal Intensive Care

Grasslands Rd

Valhalla, NY 10595

914 285-8558

*Length: 2 Year(s) Total Positions: 5***Program ID: 329-35-21-077****North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Alan D Stiles, MD

University of North Carolina School of Medicine

Dept of Pediatrics CB#7596

Div of Neonatal-Perinatal Medicine

Chapel Hill, NC 27599-7220

919 966-5063

*Length: 2 Year(s) Total Positions: 6***Program ID: 329-36-21-045****Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

David T Tanaka, MD

Ayne Kimberly P Iafolla, MD

Duke University Medical Center

Box 3179

Durham, NC 27710

919 681-6024

*Length: 2 Year(s) Total Positions: 6***Program ID: 329-36-21-046****Greenville****East Carolina University Program**

East Carolina University School of Medicine

Pitt County Memorial Hospital

*Program Director:*

Oommen P Mathew, MD

East Carolina University

School of Medicine

Dept of Pediatrics

Greenville, NC 27858-4354

919 816-4787

*Length: 2 Year(s) Total Positions: 3***Program ID: 329-36-21-078****Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

Steven M Block, MD

Bowman Gray/North Carolina Baptist Hospital Medical

Center

Medical Center Blvd

Winston-Salem, NC 27157

910 716-4663

*Length: 2 Year(s) Total Positions: 3***Program ID: 329-36-11-103****Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

Children's Hospital Medical Center

University of Cincinnati Hospital

*Program Director:*

Reginald C Tsang, MD

University of Cincinnati Medical Center Peds

PO Box 670541

Cincinnati, OH 45267-0541

513 558-0543

*Length: 2 Year(s) Total Positions: 11***Program ID: 329-38-21-047****Cleveland****Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center

*Program Director:*

John J Moore, MD

MetroHealth Medical Center

2500 MetroHealth Dr

Cleveland, OH 44109-1988

216 459-5904

*Length: 2 Year(s) Total Positions: 6***Program ID: 329-38-21-089****Case Western Reserve University Program**

University Hospitals of Cleveland

*Program Director:*

Avroy A Fanaroff, MD

Rainbow Babies and Childrens Hospital

11100 Euclid Ave Room 3100 RBC

Div of Neonatology

Cleveland, OH 44106

216 844-3387

*Length: 2 Year(s) Total Positions: 9***Program ID: 329-38-21-048****Columbus****Ohio State University Program**

Ohio State University Medical Center

Children's Hospital

*Program Director:*

James Menke, MD

Education Center

3rd Fl Rm 321

700 Children's Dr

Columbus, OH 43205

614 722-4530

*Length: 2 Year(s) Total Positions: 3***Program ID: 329-38-21-049**



## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program\*

University of Oklahoma College of Medicine-Oklahoma City

Children's Hospital of Oklahoma

*Program Director:*

Pankaja S Venkataraman, MBBS

Children's Hospital of Oklahoma

Rm 2-B 307

PO Box 26307

Oklahoma City, OK 73126

405 271-5215

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 329-39-21-079

### Tulsa

#### University of Oklahoma College of Medicine-Tulsa Program

University of Oklahoma College of Medicine-Tulsa

St Francis Hospital

*Program Director:*

George P Giacoia, MD

Neonatal/Perinatal Medicine

Saint Francis Hospital

6161 S Yale Ave

Tulsa, OK 74136

918 494-2277

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 329-39-21-080

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital

*Program Director:*

Gerda I Benda, MD

Oregon Health Sciences University Hospital

Dept of Pediatrics

3181 SW Sam Jackson Park Rd

Portland, OR 97201

503 494-8523

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 329-40-21-081

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Keith H Marks, MD PhD

Milton S Hershey Medical Center of Pennsylvania State

Univ

PO Box 850

500 University Dr

Hershey, PA 17033-8110

717 531-8412

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 329-41-21-050

## Philadelphia

### Albert Einstein Medical Center Program\*

Albert Einstein Medical Center

*Program Director:*

Hallam Hurt, MD

Div of Neonatology

Albert Einstein Medical Center

5501 Old York Rd

Philadelphia, PA 19141-3088

215 456-6696

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 329-41-11-097

### St Christopher's Hospital for Children Program

St Christopher's Hospital for Children

Temple University Hospital

*Program Director:*

S David Rubenstein, MD

St Christopher's Hospital for Children

Erie Ave at Front St

Philadelphia, PA 19134-1095

215 427-5202

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 329-41-21-082

### Thomas Jefferson University Program

Thomas Jefferson University Hospital

The Medical Center of Delaware

*Program Director:*

Alan R Spitzer, MD

Thomas Jefferson University Hospital

1025 Walnut St

Rm 727

Philadelphia, PA 19107

215 955-6523

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 329-41-21-104

### University of Pennsylvania Program

Children's Hospital of Philadelphia

Hospital of the University of Pennsylvania

Pennsylvania Hospital

*Program Director:*

Roberta A Ballard, MD

Children's Hospital of Philadelphia

Div of Neonatology

34th St & Civic Center Blvd

Philadelphia, PA 19104-4399

215 590-1653

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 329-41-21-051

## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh

Magee-Womens Hospital

*Program Director:*

Jon F Watchko, MD

Magee-Womens Hospital

Div of Neonatology

300 Halket St

Pittsburgh, PA 15213-3180

412 641-1834

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 329-41-21-052

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine

University Pediatric Hospital

*Program Director:*

Marta Valcarcel, MD

University of Puerto Rico Medical Science Campus

GPO Box 365067

San Juan, PR 00936-5067

809 764-6475

*Length:* 2 Year(s)

*Program ID:* 329-42-21-112

## Rhode Island

### Providence

#### Brown University Program

Women and Infants Hospital of Rhode Island

*Program Director:*

William Oh, MD

Women and Infants Hospital of Rhode Island

101 Dudley St

Providence, RI 02905-2499

401 274-1122

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 329-43-21-053

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine

MUSC Medical Center

*Program Director:*

David J Annibale, MD

Medical University of South Carolina

171 Ashley Ave

Charleston, SC 29425

803 792-2606

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 329-45-21-100

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine

Regional Medical Center at Memphis

*Program Director:*

Sheldon B Korones, MD

Newborn Center

853 Jefferson 2nd Fl

Memphis, TN 38163

901 448-5950

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 329-47-21-083

\* Updated information not provided.

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*

Robert B Cotton, MD  
 Vanderbilt University  
 School of Medicine A-0105 MCN  
 21st & Garland Aves  
 Nashville, TN 37232-2370  
 615 322-2823

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 329-47-21-054**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
 Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Charles R Rosenfeld, MD  
 University of Texas Southwestern Medical Center at Dallas  
 5323 Harry Hines Blvd  
 Dallas, TX 75235-9063  
 214 648-3903

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 329-48-21-055**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

C Joan Richardson, MD  
 University of Texas Medical Branch  
 Dept of Pediatrics  
 301 University Blvd  
 Galveston, TX 77555-0526  
 409 772-2815

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 329-48-21-056**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
 Harris County Hospital District-Ben Taub General Hospital  
 Texas Children's Hospital

*Program Director:*

Leonard E Weisman, MD  
 Baylor College of Medicine Section of Neonatology  
 One Baylor Plaza  
 Houston, TX 77030-3498  
 713 770-1380

*Length:* 2 Year(s) *Total Positions:* 16**Program ID:** 329-48-21-057**University of Texas at Houston Program**

University of Texas Medical School at Houston  
 Hermann Children's Hospital at Houston  
 Lyndon B Johnson General Hospital

*Program Director:*

John W Sparks, MD  
 University of Texas Medical School at Houston  
 PO Box 20708  
 Houston, TX 77225  
 713 792-5330

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 329-48-21-058**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)  
 Brooke Army Medical Center

*Program Director:*

Bradley A Yoder, MD  
 59th Medical Wing  
 Dept of Pediatrics/PSP  
 2200 Bergquist Dr Ste 1  
 Lackland AFB, TX 78236-5300  
 210 670-6679

*Length:* 2 Year(s) *Total Positions:* 9**Program ID:** 329-48-21-059**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
 Primary Children's Medical Center

*Program Director:*

J. Ross Milley, MD PhD  
 University of Utah Medical Center  
 Div Neonatology  
 50 N Medical Dr  
 Salt Lake City, UT 84132  
 801 581-7085

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 329-49-21-094**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont

*Program Director:*

Jerold F Lucey, MD  
 Medical Center Hospital of Vermont  
 McClure 7  
 111 Colchester Ave  
 Burlington, VT 05401  
 802 862-8778

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 329-50-21-060**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

John Kattwinkel, MD  
 University of Virginia School of Medicine  
 Dept of Pediatrics  
 Charlottesville, VA 22908  
 804 924-5428

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 329-51-21-084**Richmond****Medical College of Virginia/Virginia Commonwealth University Program\***

Medical College of Virginia/Virginia Commonwealth University  
 Medical College of Virginia Hospitals

*Program Director:*

Gary R Gutcher, MD  
 MCV/Virginia Commonwealth Univ  
 PO Box 980276  
 Richmond, VA 23298-0276  
 804 786-9966

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 329-51-21-061**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
 University of Washington Medical Center

*Program Director:*

W Alan Hodson, MD  
 Div of Neonatal & Respiratory Diseases  
 Dept of Pediatrics RD-20  
 University of Washington  
 Seattle, WA 98195  
 206 543-3200

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 329-54-21-095**West Virginia****Morgantown****West Virginia University Program\***

West Virginia University Hospitals

*Program Director:*

Mark L Polak, MD  
 Robert C Byrd Health Sciences Ctr  
 Department of Pediatrics  
 PO Box 9214  
 Morgantown, WV 26506  
 304 293-1202

*Length:* 2 Year(s)**Program ID:** 329-55-11-086**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics

*Program Director:*

Frank R Greer, MD  
 Meriter Hospital Perinatal Center  
 202 S Park St  
 Madison, WI 53715  
 608 262-6561

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 329-56-21-099

\* Updated information not provided.

## Milwaukee

### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
John L Doyne Hospital

*Program Director:*

Ponthenkandath Sasidharan, MD  
MCMC Box 174  
8700 Wisconsin Ave  
Milwaukee, WI 53226  
414 257-7805

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 329-56-21-110

## Nephrology (Internal Medicine)

### Alabama

#### Birmingham

### University of Alabama Medical Center Program

University of Alabama Hospital

*Program Director:*

David G Warnock, MD  
Div of Nephrology  
THT 647

1900 University Blvd  
Birmingham, AL 35294-0007  
205 934-3585

*Length:* 2 Year(s) *Total Positions:* 16  
*Program ID:* 148-01-21-107

### Arizona

#### Tucson

### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Yeong-Hau H Lien, MD PhD  
Univ of Arizona Dept of Internal Medicine  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-6370

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 148-03-21-091

### Arkansas

#### Little Rock

### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Sudhir V Shah, MD  
University of Arkansas for Medical Sciences  
4301 W Markham St Slot 501  
Little Rock, AR 72205  
501 671-2517

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-04-21-092

## California

### Loma Linda

### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Paul G St John-Hammond, MD  
Loma Linda University Medical Center  
11201 Benton Rd (111N)  
Loma Linda, CA 92357  
714 422-3090

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-05-21-109

### Los Angeles

### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Jacob Green, MD  
Cedars-Sinai Medical Center Dept of Nephrology  
8700 Beverly Blvd  
Los Angeles, CA 90048-1869  
310 856-4625

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 148-05-11-093

### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Ira Kurtz, MD  
UCLA Schl of Med  
Ctr for the Hlth Sci  
7-155 Factor  
Los Angeles, CA 90024-1736  
310 206-6741

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 148-05-11-110

### University of Southern California Program\*

Los Angeles County-USC Medical Center  
St Vincent Medical Center  
USC University Hospital

*Program Director:*

Shaul Massry, MD  
University of Southern California Medical Center  
1200 N State St  
Los Angeles, CA 90033  
213 226-7337

*Length:* 2 Year(s)  
*Program ID:* 148-05-21-042

### Los Angeles (Sepulveda)

### UCLA San Fernando Valley Program

Veterans Affairs Medical Center (Sepulveda)  
Cedars-Sinai Medical Center  
UCLA Medical Center

*Program Director:*

David B N Lee, MD  
Veterans Administration Medical Center  
16111 Plummer St  
Sepulveda, CA 91343-2099  
818 895-9386

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 148-05-21-111

\* Updated information not provided.

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

N D Vaziri, MD  
Univ of California Irvine Medical Center Dept of Int Med  
101 The City Dr  
Bldg 53 Rt 81  
Orange, CA 92668  
714 456-5142

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 148-05-21-125

**Pasadena****Southern California Kaiser Permanente Medical Care (Los Angeles) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Hock H Yeoh, MD  
Kaiser Foundation Hospital  
Dept of Nephrology  
4700 Sunset Blvd  
Los Angeles, CA 90027-6082  
213 667-7406

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 148-05-12-029

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

George A Kaysen, MD PhD  
University of California (Davis)  
Div of Nephrology  
TB 136  
Davis, CA 95616  
916 752-4010

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 148-05-21-082

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Naval Medical Center (San Diego)  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Roland C Blantz, MD  
University of California  
9500 Gilman Dr  
La Jolla, CA 92093-9111  
619 552-8585

*Length:* 2 Year(s)

**Program ID:** 148-05-21-149

**San Francisco****University of California (San Francisco) Program\***

University of California (San Francisco) School of  
Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Harlan E Ives, MD PhD  
University of California Hospitals  
Dept of Medicine  
Box 0120  
San Francisco, CA 94143  
415 476-2172

*Length:* 2 Year(s)

**Program ID:** 148-05-21-127

**Stanford****Stanford University Program**

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Rex L Jamison, MD  
Stanford University Medical Center  
Dept of Medicine  
300 Pasteur Dr  
Stanford, CA 94305-5114  
415 723-6248

*Length:* 2 Year(s) *Total Positions:* 15

**Program ID:** 148-05-21-019

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program\***

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Joel D Kopple, MD  
Los Angeles County-Harbor-UCLA Medical Center  
Bin 400 1000 W Carson St  
Torrance, CA 90509  
310 533-2911

*Length:* 2 Year(s)

**Program ID:** 148-05-11-150

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Stuart L Linas, MD  
Univ of Colorado Health Sciences Center Dept of  
Medicine  
4200 E Ninth Ave  
Box B-178  
Denver, CO 80262  
303 436-5902

*Length:* 2 Year(s) *Total Positions:* 14

**Program ID:** 148-07-21-051

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

Nancy D Adams, MD  
Philip R Steinmetz, MD  
University of Connecticut Health Center  
Dept of Internal Medicine  
Div of Nephrology MC-1405  
Farmington, CT 06030  
203 679-2799

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 148-08-31-001

**New Haven****Hospital of St Raphael Program**

Hospital of St Raphael

*Program Director:*

Frederic O Finkelstein, MD  
Hospital of St Raphael  
Dept of Medicine  
1450 Chapel St  
New Haven, CT 06511  
203 789-3202

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 148-08-31-112

**Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Peter S Aronson, MD  
Yale Univ School of Medicine  
Dept of Int Medicine/Nephrology  
PO Box 208029  
New Haven, CT 06520-8029  
203 785-4186

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 148-08-21-020

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
George Washington University Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Juan P Bosch, MD  
George Washington Univ Hospital Dept of Medicine  
2150 Pennsylvania Ave NW #4-425  
Washington, DC 20037  
202 994-4244

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 148-10-21-095

**Georgetown University Program\***

Georgetown University Hospital  
Arlington Hospital  
District of Columbia General Hospital

*Program Director:*

Director Training Program,  
Georgetown University Hospital  
Dept of Medicine  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 784-3662

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 148-10-21-073

\* Updated information not provided.

**Howard University Program\***

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*  
Martin G Dillard, MD  
Howard University Hospital  
Dept of Medicine  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1191

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-10-21-074

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*  
Paul G Welch, MD  
Dept of Nephrology Serv  
Walter Reed Army Med Ctr  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1464

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-10-11-113

**Washington Hospital Center Program**

Washington Hospital Center

*Program Director:*  
MaryAnn Lange, MD  
Washington Hospital Center  
110 Irving St NW #2A66  
Washington, DC 20010  
202 877-6034

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-10-11-114

**Florida**

**Gainesville**

**University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*  
C Craig Tisher, MD  
Univ of Florida Div of Nephrology Hypertension  
Box 100224  
Gainesville, FL 32610  
904 392-4008

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 148-11-21-031

**Miami**

**University of Miami-Jackson Memorial Medical Center Program\***

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
J Bourgoignie, MD  
University of Miami School of Medicine  
PO Box 016960 (R126)  
Miami, FL 33101  
305 547-6261

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 148-11-21-151

**Tampa**

**University of South Florida Program**

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare  
Veterans Affairs Medical Center (Bay Pines)

*Program Director:*  
German Ramirez, MD  
University of South Florida College of Medicine  
12901 Bruce B Downs Blvd Box 19  
Tampa, FL 33612-4799  
813 978-5947

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-11-21-032

**Georgia**

**Atlanta**

**Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital

*Program Director:*  
William E Mitch, MD  
Emory University Hospital  
Renal Div  
1364 Clifton Rd NE EUH Box 19  
Atlanta, GA 30322  
404 727-2525

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 148-12-21-115

**Augusta**

**Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*  
Laura L Mulloy, DO  
Medical College of Georgia  
Section of Nephrology  
BAA907  
Augusta, GA 30912-3140  
706 721-2861

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 148-12-21-002

**Illinois**

**Chicago**

**McGaw Medical Center of Northwestern University Program\***

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*  
Daniel C Battle, MD  
Northwestern University Medical School  
303 E Chicago Ave  
Tarry Bldg (M/C S207)  
Chicago, IL 60611  
312 908-8328

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 148-16-21-058

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*  
Edmund J Lewis, MD  
Rush-Presbyterian-St Luke's Medical Center  
1753 W Congress Pkwy  
Chicago, IL 60612  
312 942-6688

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-16-11-116

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*  
Fredric L. Coe, MD  
University of Chicago Hospitals and Clinics  
5841 S Maryland Ave MC5100  
Chicago, IL 60637-1470  
312 702-1475

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 148-16-11-052

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
Cook County Hospital  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*  
Jose A L Arruda, MD  
University of Illinois Hospital  
840 S Wood St MC 793  
Chicago, IL 60612  
312 996-6775

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 148-16-21-117

**Maywood**

**Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*  
Jessie E Hano, MD  
Dept of Medicine Room 3668  
2160 S First Ave  
Maywood, IL 60153  
708 216-3306

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 148-16-21-003

**Indiana**

**Indianapolis**

**Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*  
Sharon Moe, MD  
Indiana University Medical Center Dept of Medicine  
Fesler Hall 108 1120 South Dr  
Indianapolis, IN 46202-5116  
317 274-5287

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 148-17-21-129

**Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*  
William H Dick, MD  
Methodist Professional Center  
1801 N Senate Blvd #355  
Indianapolis, IN 46206  
317 924-8430

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 148-17-11-094

\* Updated information not provided.

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

John B Stokes, MD

University of Iowa Hospitals and Clinics

Dept of Internal Medicine

Iowa City, IA 52242-1009

319 356-4409

*Length:* 2 Year(s) *Total Positions:* 9**Program ID:** 148-18-21-083**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine

University of Kansas Medical Center

Veterans Affairs Medical Center (Kansas City)

*Program Director:*

Arnold Chonko, MD

University of Kansas Medical Center Program

3901 Rainbow Blvd

Kansas City, KS 66160-7382

913 588-6074

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 148-19-21-096**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center

Veterans Affairs Medical Center (Lexington)

*Program Director:*

B Peter E Sawaya, MD

University of Kentucky Medical Center

800 Rose St MN 569

Lexington, KY 40536-0084

606 323-5048

*Total Positions:* 5**Program ID:** 148-20-21-152**Louisville****University of Louisville Program**

University of Louisville School of Medicine

Jewish Hospital

Kosair Children's Hospital (Alliant Health System)

Norton Hospital (Alliant Health System)

University of Louisville Hospital

Veterans Affairs Medical Center (Louisville)

*Program Director:*

George R Aronoff, MD

Univ of Louisville

Dept of Kidney Diseases

615 S Preston St

Louisville, KY 40292

502 852-5757

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 148-20-31-075**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine

Louisiana State University Medical Center

Medical Center of Louisiana at New Orleans-LSU Division

Medical Center of Louisiana University Hospital Campus

*Program Director:*

John D Wallin, MD

LSU Medical Center Dept of Medicine

1542 Tulane Ave Rm 354

New Orleans, LA 70112-2822

504 568-8655

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 148-21-21-164**Tulane University Program**

Tulane University School of Medicine

Medical Center of Louisiana at New Orleans-Tulane

Division

Veterans Affairs Medical Center-Tulane Service (New

Orleans)

*Program Director:*

L Lee Hamm, MD

Tulane Medical Center

Section of Nephrology

1430 Tulane Ave

New Orleans, LA 70112

504 588-5346

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 148-21-21-090**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

Overton Brooks Veterans Affairs Medical Center

*Program Director:*

Jack Work, MD

Louisiana State University Medical Center

Medical Education Dept (Nephrology)

1501 Kings Hwy PO Box 33932

Shreveport, LA 71130-3932

318 675-7402

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 148-21-21-063**Maine****Portland****Maine Medical Center Program**

Maine Medical Center

Brigham and Women's Hospital

*Program Director:*

Donald A Leeber, MD

Div of Nephrology

Maine Medical Center

22 Bramhall St

Portland, ME 04102

207 871-2417

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 148-22-21-108**Maryland****Baltimore****Johns Hopkins University Bayview Medical Center Program**

Johns Hopkins University School of Medicine

Johns Hopkins Bayview Medical Center

*Program Director:*

David A Spector, MD

Div of Renal Medicine

Johns Hopkins Bayview Med Ctr

4940 Eastern Ave

Baltimore, MD 21224

410 550-0614

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 148-23-11-153**Johns Hopkins University Program\***

Johns Hopkins University School of Medicine

Johns Hopkins Hospital

*Program Director:*

Andrew Whelton, MD

The Johns Hopkins University

Dept of Medicine

Ross 958 720 Rutland Ave

Baltimore, MD 21205

410 955-5268

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 148-23-11-059**University of Maryland Program**

University of Maryland Medical System

*Program Director:*

Matthew R Weir, MD

University of Maryland Medical System

22 S Greene St

Div of Nephrology Rm N3W143

Baltimore, MD 21201

410 328-5720

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 148-23-21-033**Bethesda****National Naval Medical Center (Bethesda) Program**

National Naval Medical Center (Bethesda)

USUHS F Edward Herbert School of Medicine

*Program Director:*

Przemyslaw Hirszel, MD

National Naval Medical Center

Dept of Medicine

8901 Wisconsin Ave

Bethesda, MD 20889-5600

301 295-4330

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 148-23-21-167**Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*

Vikas P Sukhatme, MD PhD

Beth Israel Hospital Dept of Medicine

330 Brookline Ave

Boston, MA 02215

617 735-2105

*Length:* 2 Year(s) *Total Positions:* 12**Program ID:** 148-24-21-004

\* Updated information not provided.

### **Boston University Program\***

Boston University School of Medicine  
Boston City Hospital  
Boston University Medical Center-University Hospital

*Program Director:*

David J Salant, MD  
University Hospital Dept of Internal Medicine  
88 E Newton St  
Boston, MA 02118  
617 638-7330

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 148-24-21-130

### **Brigham and Women's Hospital Program**

Brigham and Women's Hospital

*Program Director:*

Barry M Brenner, MD  
Julian L Seifter, MD  
Brigham and Women's Hospital Dept of Medicine  
75 Francis St  
Boston, MA 02115  
617 732-5850

*Length:* 2 Year(s) *Total Positions:* 20

**Program ID:** 148-24-21-005

### **Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*

Cecil H Coggins, MD  
Massachusetts General Hospital  
Renal Unit Jackson 825  
Boston, MA 02114  
617 726-3772

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 148-24-11-054

### **New England Medical Center Hospitals Program**

New England Medical Center Hospitals

*Program Director:*

Nicolaos E Madias, MD  
New England Medical Center  
750 Washington St Box 172  
Boston, MA 02111  
617 956-5895

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 148-24-21-006

### **Worcester**

#### **University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*

Jeffrey S Stoff, MD  
Department of Renal Medicine  
University of Massachusetts Med Ctr  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3156

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 148-24-21-007

## **Michigan**

### **Ann Arbor**

#### **University of Michigan Program**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Roger C Wiggins, MD  
Univ of Michigan Hospitals 3914 Taubman Center-Box  
0364  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0364  
313 936-5645

*Length:* 2 Year(s) *Total Positions:* 12

**Program ID:** 148-25-21-061

### **Detroit**

#### **Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Robert G Narins, MD  
Henry Ford Hospital Dept of Int Med-Nephrology  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-9405

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 148-25-11-118

#### **St John Hospital and Medical Center Program**

St John Hospital and Medical Center

*Program Director:*

Robert Provenzano, MD  
St John Hospital and Medical Center  
Dept of Med Educ  
22101 Moross Rd  
Detroit, MI 48236  
313 343-7837

*Length:* Year(s) *Total Positions:* 4

**Program ID:** 148-25-21-174

#### **Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Stephen D Migdal, MD  
Harper Hospital  
4160 John R Ste 908  
Detroit, MI 48201  
313 745-7145

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 148-25-21-040

## **Minnesota**

### **Minneapolis**

#### **Hennepin County Medical Center Program**

Hennepin County Medical Center

*Program Director:*

John A Opsahl, MD  
Hennepin County Medical Center  
Div of Nephrology  
701 Park Ave  
Minneapolis, MN 55415-1829  
612 347-6358

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 148-26-31-087

## **University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Thomas H Hostetter, MD  
Univ of Minnesota Hospital and Clinic Dept of Medicine  
Box 736 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455  
612 624-6917

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 148-26-21-098

## **Rochester**

#### **Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Thomas R Schwab, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3126

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 148-26-21-046

## **Mississippi**

### **Jackson**

#### **University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

John D Bower, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5670

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 148-27-21-062

## **Missouri**

### **Columbia**

#### **University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

Karl D Nolph, MD  
University of Missouri Health Sciences Center  
MA436 Health Sciences Ctr  
One Hospital Dr  
Columbia, MO 65212  
314 882-7991

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 148-28-21-063

\* Updated information not provided.

**Kansas City****University of Missouri at Kansas City Program\***

University of Missouri-Kansas City School of Medicine  
Menorah Medical Center  
Truman Medical Center-West

*Program Director:*

Eugene Grochowski, MD  
University of Missouri-Kansas City  
2411 Holmes St  
Kansas City, MO 64108  
816 556-3797

*Length:* 2 Year(s)

**Program ID:** 148-28-21-170

**St Louis****Barnes Hospital Group Program**

Barnes Hospital

*Program Director:*

Marc R Hammerman, MD  
Barnes Hospital Group  
Dept of Internal Medicine  
4989 Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-8231

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 148-28-21-131

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Kevin J Martin, MB BCh  
St Louis University School of Medicine  
3635 Vista Ave at Grand Blvd  
St Louis, MO 63110-0250  
314 577-8765

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 148-28-21-076

**Washington University Program**

Jewish Hospital of St Louis

*Program Director:*

Keith A Hruska, MD  
Jewish Hospital Renal Div  
216 Kingshighway  
St Louis, MO 63110  
314 454-7771

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 148-28-21-132

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

*Program Director:*

Lawrence S Weisberg, MD  
UMDNJ-Robert Wood Johnson Medical School  
Cooper Hospital-Univ Medical Center  
One Cooper Plaza  
Camden, NJ 08103  
609 757-7844

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 148-33-21-160

**Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Newark Beth Israel Medical Center  
St Barnabas Medical Center  
UMDNJ-University Hospital

*Program Director:*

Norman Lasker, MD  
UMDNJ-University Hospital  
100 Bergen St  
Newark, NJ 07103  
201 982-4100

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 148-33-21-159

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
St Peter's Medical Center

*Program Director:*

John A Walker, MD  
UMDNJ-Robert Wood Johnson Med School Dept of Medicine  
One Robert Wood Johnson Pl CN19  
New Brunswick, NJ 08903-0019  
908 235-7778

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 148-33-21-021

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Philip G Zager, MD  
University of New Mexico School of Medicine  
Dept of Internal Medicine  
2211 Lomas NE  
Albuquerque, NM 87131  
505 272-4750

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 148-34-21-119

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital

*Program Director:*

M Donald McGoldrick, MD  
Albany Medical College A-69  
Dept of Nephrology  
47 New Scotland Ave  
Albany, NY 12208  
518 262-5176

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 148-35-31-022

**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

Norman Bank, MD  
Montefiore Medical Center  
Div of Nephrology  
111 E 210th St  
Bronx, NY 10467  
718 920-5442

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 148-35-21-086

**Bronx-Lebanon Hospital Center Program**

Bronx-Lebanon Hospital Center

*Program Director:*

Mahendraray B Dave, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 518-5232

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 148-35-11-162

**Brooklyn****Brookdale Hospital Medical Center Program**

Brookdale Hospital Medical Center

*Program Director:*

Jerome G Porush, MD  
Brookdale Hospital Medical Center  
Linden Blvd at Brookdale Plaza  
Brooklyn, NY 11212  
718 240-5615

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 148-35-11-134

**Long Island College Hospital Program**

Long Island College Hospital

*Program Director:*

Morrell M Avram, MD  
Long Island College Hospital Dept of Medicine  
Hicks and Atlantic Ave  
Brooklyn, NY 11201  
718 780-1247

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 148-35-11-023

**Maimonides Medical Center Program**

Maimonides Medical Center

*Program Director:*

Henry I Lipner, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7908

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 148-35-11-135

\* Updated information not provided.



**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn  
Veterans Affairs Medical Center (Brooklyn)  
*Program Director:*  
Eli A Friedman, MD  
SUNY Health Science Center at Brooklyn  
Box 52  
450 Clarkson Ave  
Brooklyn, NY 11203-2098  
718 270-1584  
*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 148-35-21-008

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)  
*Program Director:*  
Rocco C Venuto, MD  
Erie County Medical Center  
462 Grider St  
Buffalo, NY 14215  
716 898-4803  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-35-31-034

**East Meadow**

**SUNY at Stony Brook (East Meadow) Program**

Nassau County Medical Center  
*Program Director:*  
Christos P Carvounis, MD  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-8879  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 148-35-21-077

**Flushing**

**New York Hospital Medical Center of Queens Program\***

New York Hospital Medical Center of Queens  
*Program Director:*  
Chaim Charytan, MD  
New York Hospital Medical Center of Queens  
56-45 Main St  
Flushing, NY 11355  
718 670-1151  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 148-35-11-078

**Manhasset**

**North Shore University Hospital Program**

North Shore University Hospital  
*Program Director:*  
Barry N Wilkes, MD  
Peter A Bluestone, MD  
North Shore University Hospital  
Div of Nephrology/Hypertension  
300 Community Dr  
Manhasset, NY 11030-3876  
516 562-4384  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-35-21-143

**Mineola**

**Winthrop-University Hospital Program**

Winthrop-University Hospital  
*Program Director:*  
John K Maesaka, MD  
Winthrop University Hospital  
Dept of Nephrology  
259 First St  
Mineola, NY 11501  
516 663-2169  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-35-11-064

**New Hyde Park**

**Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
*Program Director:*  
Pravin C Singhal, MD  
270-05 76th Ave  
New Hyde Park, NY 11040  
718 470-7361  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-35-21-120

**New York**

**Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center  
*Program Director:*  
Nathan W Levin, MD  
Beth Israel Medical Center  
10th Fl Bernstein Bldg  
10 Nathan D Perlman Pl  
New York, NY 10003  
212 420-4070  
*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 148-35-11-055

**Harlem Hospital Center Program\***

Harlem Hospital Center  
*Program Director:*  
Velvie A Pogue, MD  
Harlem Hospital Center  
506 Lenox Ave at 135th St  
New York, NY 10037  
212 939-1449  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-35-11-147

**Lenox Hill Hospital Program**

Lenox Hill Hospital  
*Program Director:*  
Michael F Michelis, MD  
100 E 77th St  
New York, NY 10021-1883  
212 434-3266  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 148-35-11-155

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)  
*Program Director:*  
Paul E Klotman, MD  
Mount Sinai Hospital  
One Gustave L Levy Pl  
Box 1243  
New York, NY 10029  
212 241-8001  
*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 148-35-31-136

**New York Hospital/Cornell Medical Center Program**

New York Hospital  
*Program Director:*  
Manikkam Suthanthiran, MD  
New York Hospital  
525 E 68th St  
New York, NY 10021  
212 746-4430  
*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 148-35-21-144

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
*Program Director:*  
Jerome Lowenstein, MD  
David S Baldwin, MD  
Renal Section  
550 First Ave  
New York, NY 10016  
212 263-5635  
*Total Positions:* 6  
*Program ID:* 148-35-21-101

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York  
*Program Director:*  
Qais Al-Awqati, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032  
212 305-3512  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 148-35-11-079

**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division  
*Program Director:*  
Judith A Benstein, MD  
St Luke's Hospital  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-3530  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 148-35-21-088

**Rochester**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
*Program Director:*  
David A Bushinsky, MD  
Strong Memorial Hospital  
Nephrology Unit Box 675  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-3660  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-35-11-157

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)  
*Program Director:*  
Edward Nord, MD  
Health Science Center Dept of Medicine  
Div of Nephrology HSC T15-020  
Stony Brook, NY 11794-8152  
516 444-2038  
*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 148-35-21-009

\* Updated information not provided.

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Steven J Scheinman, MD  
Dept of Medicine  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-5290

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-35-21-089

**Valhalla****New York Medical College (Metropolitan) Program**

New York Medical College  
Metropolitan Hospital Center  
St Vincent's Medical Center of Richmond

*Program Director:*

Alf M Tannenber, MD  
Metropolitan Hospital Center  
1901 First Ave  
New York, NY 10029  
212 423-6401

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-35-31-047

**New York Medical College (Our Lady of Mercy) Program\***

New York Medical College  
Our Lady of Mercy Medical Center  
Lincoln Medical and Mental Health Center

*Program Director:*

Jinil Yoo, MD  
Our Lady of Mercy Medical Center  
600 E 233rd St  
Bronx, NY 10466  
212 920-9000

*Length:* 2 Year(s)  
**Program ID:** 148-35-21-035

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

Godfrey Burns, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St  
New York, NY 10011  
212 604-8322

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-35-11-024

**New York Medical College Program**

New York Medical College  
Westchester County Medical Center

*Program Director:*

Alvin I Goodman, MD  
New York Medical College  
Dept of Medicine  
Valhalla, NY 10595  
914 285-7701

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-35-11-010

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Ronald J Falk, MD  
Univ of North Carolina School of Medicine  
3034 Old Clinic Bldg 226H  
CB# 7155  
Chapel Hill, NC 27599  
919 966-2561

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-36-21-121

**Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

William E Yarger, MD  
Duke University Medical Center  
Box 3014  
Durham, NC 27710  
919 684-2116

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 148-36-21-122

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

Vardaman M Buckalew, MD  
Bowman Gray School of Medicine/NC Baptist Hospital  
Medical Center Blvd  
Winston-Salem, NC 27157-1053  
910 716-2062

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-36-21-011

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

John H Galla, MD  
University of Cincinnati  
PO Box 670585  
Cincinnati, OH 45267-0585  
513 558-5471

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 148-38-21-066

**Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Michael J Dunn, MD  
University Hospitals of Cleveland  
11100 Euclid Ave  
Lakeside Bldg Rm 8124-C Bennett  
Cleveland, OH 44106-5048  
216 844-3123

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 148-38-21-137

**Cleveland Clinic Foundation/St Vincent Charity Hospital Program**

Cleveland Clinic Foundation

*Program Director:*

Joseph V Nally, MD  
Cleveland Clinical Foundation  
Dept of Hypertension/Nephrology  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 148-38-12-139

**Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*

N Stanley Nahman Jr, MD  
Ohio State University Hospital Dept of Medicine  
1654 Upham Dr Rm 210  
Columbus, OH 43210-1228  
614 293-4997

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 148-38-11-080

**Toledo****Medical College of Ohio at Toledo Program\***

Medical College of Ohio Hospital

*Program Director:*

Jayanti Venkatesan, MD  
Medical College of Ohio at Toledo  
CS #10008  
Dept of Medicine  
Toledo, OH 43699-0008  
419 381-3724

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-38-21-012

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Kai Lau, MD  
Chief Nephrology Section  
Veterans Administration Medical Ctr  
PO Box 26901 VA-111-G  
Oklahoma City, OK 73104  
405 270-0501

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 148-39-21-067

\* Updated information not provided.

## Oregon

### Portland

#### Oregon Health Sciences University Program\*

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

William M Bennett, MD  
Oregon Health Sciences University  
Dept of Medicine L463  
Portland, OR 97201  
503 279-8490

*Length:* 2 Year(s)

*Program ID:* 148-40-31-140

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Joseph Y Cheung, MD PhD  
Milton S Hershey Medical Center  
Division of Nephrology  
PO Box 850  
Hershey, PA 17033-0850  
717 531-8156

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 148-41-11-013

### Philadelphia

#### Albert Einstein Medical Center Program

Albert Einstein Medical Center

*Program Director:*

Rasib M Raja, MD  
Albert Einstein Medical Center  
Kraftsow Division of Nephrology  
5501 Old York Rd  
Philadelphia, PA 19141-3098  
215 456-6970

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 148-41-11-056

#### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital

*Program Director:*

Charles D Swartz, MD  
Hahnemann University  
Broad & Vine Sts  
4104 NCB MS-437  
Philadelphia, PA 19102  
215 762-8047

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 148-41-21-048

#### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital

*Program Director:*

Sandra P Levison, MD  
Med Coll of Pennsylvania Hosp  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6988

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 148-41-21-102

### Temple University Program

Temple University Hospital

*Program Director:*

Christine P Bastl, MD  
Temple University Hospital Dept of Medicine  
Section of Nephrology  
3401 N Broad St  
Philadelphia, PA 19140  
215 707-3381

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 148-41-21-026

### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

James F Burke, MD  
Thomas Jefferson University Hospital  
Acute Dialysis Unit (Ste 7320)  
11th & Walnut Sts  
Philadelphia, PA 19107-5098  
215 956-6550

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 148-41-21-027

### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Eric G Neilson, MD  
Renal Electrolyte Division  
University of Pennsylvania  
700 Clin Res Bldg 415 Curie Blvd  
Philadelphia, PA 19104-6144  
215 662-3612

*Length:* 2 Year(s) *Total Positions:* 16

*Program ID:* 148-41-21-018

### Pittsburgh

#### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Douglas M Landwehr, MD  
Div of Nephrology and Hypertension  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9886  
412 359-4008

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 148-41-11-036

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh

Montefiore University Hospital (UPMC)

Presbyterian-University Hospital/UPMC

Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Arthur Greenberg, MD  
Hosp of the Univ Hlth Ctr of Pittsburgh  
Renal-Electrolyte Div  
F1159 Presbyterian Univ Hosp  
Pittsburgh, PA 15213  
412 647-3118

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 148-41-21-037

### Wynnewood

#### Lankenau Hospital Program

Lankenau Hospital

*Program Director:*

Miles H Sigler, MD  
Ste 130 Lankenau Medical Bldg W  
100 Lancaster Ave  
Wynnewood, PA 19096-3426  
610 649-1175

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 148-41-11-028

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Rafael Burgos-Calderson, MD  
University Hospital Puerto Rico Medical Center  
Box 5067  
San Juan, PR 00935  
809 754-3661

*Length:* 2 Year(s)

*Program ID:* 148-42-21-104

#### Veterans Affairs Medical and Regional Office Center Program

Veterans Affairs Medical Center (San Juan)

*Program Director:*

Hector R Cordova, MD  
VA Medical Center  
One Veterans Plaza  
San Juan, PR 00927-5800  
809 758-6900

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 148-42-31-103

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital

*Program Director:*

Lance D Dworkin, MD  
Rhode Island Hospital  
593 Eddy St  
Providence, RI 02903  
401 444-6844

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 148-43-11-105

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine

MUSC Medical Center

Veterans Affairs Medical Center (Charleston)

*Program Director:*

David W Ploth, MD  
Medical University of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-2225  
803 792-4123

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 148-45-21-156

\* Updated information not provided.

**Tennessee****Memphis****University of Tennessee Program\***

University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Fred E Hatch, MD  
University of Tennessee at Memphis  
951 Court Ave Rm D649  
Memphis, TN 38163  
901 528-5764

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-47-21-123

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Harry Jacobson, MD  
Vanderbilt University  
21st & Garland S-3223 MCN  
Nashville, TN 37232-2372  
615 343-6105

*Length:* 2 Year(s) *Total Positions:* 18  
**Program ID:** 148-47-31-014

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

Robert J Alpern, MD  
University of Texas Southwestern Medical Center  
5323 Harry Hines Blvd  
Dallas, TX 75235-8856  
214 648-2754

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 148-48-21-084

**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center

*Program Director:*

Maj Steven F Gouge, MD  
Brooke Army Medical Center  
Nephrology Service  
Dept of Medicine  
Fort Sam Houston, TX 78234-6200  
512 221-4698

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-48-12-124

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Robert L Safirstein, MD  
University of Texas Medical Branch  
4.200 John Sealy Annex  
301 University Blvd  
Galveston, TX 77755-0562  
409 772-1811

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-48-21-049

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Wadi N Suki, MD  
Baylor College of Medicine-Methodist Hospital  
6550 Fannin Ste #1275  
Houston, TX 77030  
713 790-3275

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 148-48-21-070

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Thomas D DuBose Jr, MD  
Univ of Texas Medical School Dept of Medicine  
PO Box 20708  
Houston, TX 77225  
713 792-5425

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 148-48-31-015

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Deborah N Burgess, MD  
Wilford Hall Medical Center/PSMR  
59th Medical Wing (AETC)  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-7348

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-48-12-050

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*

Donald E Wesson, MD  
Texas Tech University Health Sciences Center  
Dept of Medicine  
3601 Fourth St  
Lubbock, TX 79430  
806 743-3188

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 148-48-21-081

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

Hanna E Abboud, MD  
University of Texas Health Science Center  
Div of Nephrology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7882  
210 567-4700

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 148-48-21-057

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Wayne A Border, MD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-6709

*Length:* 2 Year(s)  
**Program ID:** 148-49-21-141

**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont

*Program Director:*

F John Gennari, MD  
University of Vermont College of Medicine  
Dept of Medicine  
D305 Given Bldg  
Burlington, VT 05405  
802 656-2534

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 148-50-21-142

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Warren K Bolton, MD  
Div of Nephrology  
Box 133  
University of Virginia  
Charlottesville, VA 22908  
804 924-5125

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 148-51-21-016

\* Updated information not provided.

## Portsmouth

### Naval Medical Center (Portsmouth) Program

Naval Medical Center (Portsmouth)

*Program Director:*

David J Connito, MD  
Naval Hosp (Portsmouth)  
Portsmouth, VA 23708  
804 398-5451

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 148-51-11-071

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University

Medical College of Virginia Hospitals

*Program Director:*

Anton C Schoolwerth, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980663  
Richmond, VA 23298-0160  
804 786-9682

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 148-51-21-017

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine

Harborview Medical Center

University of Washington Medical Center

Veterans Affairs Medical Center (Seattle)

*Program Director:*

William G Couser, MD  
University of Washington Medical Center  
1959 NE Pacific St BB 1265 HSB  
Seattle, WA 98195  
206 543-3792

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 148-54-21-072

## West Virginia

### Morgantown

#### West Virginia University Program\*

West Virginia University Hospitals

*Program Director:*

Michael I Sorokin, MD  
West Virginia University Hospital  
Medical Center Dr  
Morgantown, WV 26506  
304 293-4121

*Length:* 2 Year(s)

**Program ID:** 148-55-11-165

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Richard E Rieselbach, MD  
University of Wisconsin Hospitals and Clinics  
600 Highland Ave Rm H4/518  
Madison, WI 53792-5140  
608 263-2778

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 148-56-21-106

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

Clement J Zablocki Veterans Affairs Medical Center

Froedtert Memorial Lutheran Hospital

John L Doyne Hospital

*Program Director:*

Virginia J Savin, MD  
Medical College of Wisconsin  
Froedtert Memorial Lutheran Hosp  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 259-3070

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 148-56-31-039

## Neurological Surgery

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Richard B Morawetz, MD  
University of Alabama at Birmingham  
Div of Neurosurgery  
1813 Sixth Ave S MEB 510  
Birmingham, AL 35294-3295  
205 934-7170

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID:** 160-01-21-003

## Arizona

### Phoenix

#### Barrow Neurological Institute of St Joseph's Hospital and Medical Center Program

Barrow Neurological Institute of St Joseph's Hosp & Med Ctr

Maricopa Medical Center

*Program Director:*

Robert F Spetzler, MD  
Barrow Neurological Inst  
St Joseph's Hosp and Med Ctr  
PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-3579

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID:** 160-03-12-004

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine

Arkansas Children's Hospital

John L McClellan Memorial Veterans Hospital

University Hospital of Arkansas

*Program Director:*

Ossama Al-Mefty, MD  
Univ of Arkansas for Medical Sciences  
4301 W Markham Slot 507  
Little Rock, AR 72205-7199  
501 686-5270

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)

**Program ID:** 160-04-21-005

\* Updated information not provided.

**California****Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Skokei Yamada, MD  
Loma Linda University School of Medicine  
Div of Neurosurgery Rm 2539  
Loma Linda, CA 92354  
909 796-7311

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-05-11-008

**Los Angeles****UCLA Medical Center Program\***

UCLA School of Medicine  
Los Angeles County-Harbor-UCLA Medical Center  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Donald P Becker, MD  
UCLA School of Medicine  
Div of Neurological Surgery  
74-140 CHS  
Los Angeles, CA 90024-6901  
213 825-5111

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 2)  
**Program ID:** 160-05-21-010

**University of Southern California Program**

Los Angeles County-USC Medical Center  
Childrens Hospital of Los Angeles  
USC University Hospital

*Program Director:*

Martin H Weiss, MD  
Los Angeles County-USC Medical Center  
1200 N State St  
Ste 5046  
Los Angeles, CA 90033  
213 226-7421

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 2)  
**Program ID:** 160-05-21-009

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

John H Neal, MD  
UCI Medical Center  
Neurosurgery Rt 81  
101 The City Dr  
Orange, CA 92668  
714 456-6392

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 160-05-21-007

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (Sacramento)

*Program Director:*

Franklin C Wagner Jr, MD  
University of California School of Medicine  
2516 Stockton Blvd  
Room 254  
Sacramento, CA 95817  
916 734-3658

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 1)  
**Program ID:** 160-05-11-006

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Children's Hospital and Health Center  
Kaiser Foundation Hospital (San Diego)

*Program Director:*

Lawrence F Marshall, MD  
UCSD Med Ctr  
Div of Neurological Surgery  
200 W Arbor Dr  
San Diego, CA 92103-8893  
619 543-5540

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 1)  
**Program ID:** 160-05-21-100

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
Mount Zion Medical Center of the University of California  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Philip H Gutin, MD  
Dept of Neurological Surgery  
Univ of California San Francisco  
505 Parnassus Box 0112  
San Francisco, CA 94143-0112  
415 476-1087

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 1)  
**Program ID:** 160-05-21-011

**Stanford****Stanford University Program**

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Lawrence M Shuer, MD  
Stanford Univ Med Ctr Dept of Neurosurgery  
300 Pasteur Dr  
Edwards Bldg R155  
Stanford, CA 94305-5327  
415 723-6093

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 160-05-21-012

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Children's Hospital  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Glenn Kindt, MD  
University of Colorado Health Science Center  
Neurosurgery  
4200 E Ninth Ave Box C307  
Denver, CO 80262  
303 270-7577

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 1)  
**Program ID:** 160-07-21-102

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Richard H Simon, MD  
University of Connecticut Health Center  
Div of Neurosurgery  
Bldg 20 Rm 9  
Farmington, CT 06030-3955  
203 679-3533

*Length:* 5 Year(s) *Total Positions:* 9 (GYI: 0)  
**Program ID:** 160-08-21-014

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Dennis D Spencer, MD  
Yale University School of Medicine  
333 Cedar St  
PO Box 208039  
New Haven, CT 06520-8039  
203 785-2811

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 160-08-21-015

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital  
Washington Hospital Center

*Program Director:*

Laligam N Sekhar, MD  
Dept of Neurosurgery  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-4035

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 0)  
**Program ID:** 160-10-21-017

**Georgetown University Program**

Georgetown University Hospital  
Children's National Medical Center

*Program Director:*

Robert L Martuza, MD  
Georgetown University Medical Center  
Dept of Neurosurgery  
3800 Reservoir Rd NW 1-PHC  
Washington, DC 20007  
202 687-4972

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 160-10-21-016

\* Updated information not provided.

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center  
Children's Hospital of Philadelphia

*Program Director:*

Thomas E Carter, MD  
Neurosurgery Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-2431

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 160-10-11-001

**Florida**

**Gainesville**

**University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Albert L Rhoton Jr, MD  
University of Florida Health Center  
PO Box 100265  
Gainesville, FL 32610-0265  
904 392-4331

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 160-11-21-018

**Miami**

**University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Hubert L Rosomoff, MD  
University of Miami School of Medicine  
1501 NW Ninth Ave  
Miami, FL 33136  
305 547-6946

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 0)  
**Program ID:** 160-11-21-019

**Tampa**

**University of South Florida Program**

University of South Florida College of Medicine  
All Children's Hospital  
H Lee Moffitt Cancer Center  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

David W Cahill, MD  
Univ of South Florida Coll of Med  
Div of Neurological Surgery  
4 Columbia Dr Ste 730  
Tampa, FL 33606  
813 253-6001

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 160-11-21-109

**Georgia**

**Atlanta**

**Emory University Program**

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

George T Tindall, MD  
Emory Clinic  
1327 Clifton Rd  
Atlanta, GA 30322  
404 248-3895

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 2)  
**Program ID:** 160-12-21-020

**Augusta**

**Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Dennis E McDonnell, MD  
Medical College of Georgia  
Section of Neurosurgery  
Augusta, GA 30912-4010  
706 721-3071

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-12-21-021

**Illinois**

**Chicago**

**McGaw Medical Center of Northwestern University Program\***

Northwestern University Medical School  
Children's Memorial Medical Center  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Robert M Levy, MD  
Northwestern University Dept of Surgery  
250 E Superior St  
Chicago, IL 60611  
312 908-8143

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-16-21-022

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Walter W Whisler, MD PhD  
Rush-Presbyterian-St Luke's Med Ctr Jelke Bldg  
1653 W Congress Pkwy  
Rm 1491 Jelke  
Chicago, IL 60612  
312 942-6628

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-16-11-023

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

Bryce Weir, MD  
University of Chicago Medical Center  
5841 S Maryland  
MC3026  
Chicago, IL 60637-1470  
312 702-9385

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 160-16-11-024

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*

James I Ausman, MD PhD  
University of Illinois  
4th Fl-North NPI M/C 799  
912 S Wood St  
Chicago, IL 60612  
312 996-4712

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-16-21-025

**Maywood**

**Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Cook County Hospital  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

O Howard Reichman, MD  
Foster G McGaw Hospital  
2160 S First Ave  
Maywood, IL 60153  
708 216-5120

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 0)  
**Program ID:** 160-16-21-026

**Peoria**

**University of Illinois College of Medicine at Peoria Program**

University of Illinois College of Medicine at Peoria  
Methodist Medical Center of Illinois  
St Francis Medical Center

*Program Director:*

Patrick W Elwood, MD  
University of Illinois College of Medicine  
PO Box 1649  
Dept of Neurosurgery  
Peoria, IL 61656-1649  
309 655-2642

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-16-21-099

**Indiana**

**Indianapolis**

**Indiana University Medical Center Program**

Indiana University Medical Center  
Methodist Hospital of Indiana  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Paul B Nelson, MD  
Indiana Univ Med Ctr/Emerson Hall  
545 Barnhill Dr Rm 139  
Indianapolis, IN 46202-5124  
317 274-5723

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 160-17-11-027

\* Updated information not provided.

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*  
John C VanGilder, MD  
University of Iowa Hospitals and Clinics  
Dept of Neurosurgery  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-2772

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 2)  
**Program ID:** 160-18-11-028

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
Children's Mercy Hospital  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*  
Paul L O'Boynick, MD  
University of Kansas Medical Center  
39th & Rainbow Blvd  
Kansas City, KS 66160-7385  
913 588-6117

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 160-19-21-029

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*  
Byron Young, MD  
University of Kentucky Medical Center  
Dept of Neurosurgery MN 268  
Lexington, KY 40536-0084  
606 323-5864

*Length:* 5 Year(s) *Total Positions:* 9 (GYI: 2)  
**Program ID:** 160-20-21-030

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital

*Program Director:*  
Henry D Garretson, MD PhD  
Div of Neurological Surgery  
210 E Gray St Ste 1102  
Louisville, KY 40292  
502 629-5510

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 160-20-31-031

**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Alton Ochsner Medical Foundation  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*  
David G Kline, MD  
Louisiana State Univ Medical Center Dept of  
Neurosurgery  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-6120

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 160-21-21-032

**Tulane University Program**

Tulane University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans-Tulane  
Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New  
Orleans)

*Program Director:*  
Donald E Richardson, MD  
Tulane University Medical Center/School of Medicine  
Dept of Neurosurgery  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5565

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 160-21-21-033

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*  
Donlin M Long, MD PhD  
Johns Hopkins Hospital  
600 N Wolfe St Meyer 7-109  
Baltimore, MD 21287-7709  
410 955-2252

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 160-23-21-034

**University of Maryland Program\***

University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)

*Program Director:*  
Howard Eisenberg, MD  
University of Maryland Hospital  
Div of Neurological Surgery  
22 S Greene St  
Baltimore, MD 21201  
301 328-3514  
*Length:* 5 Year(s) (GYI: 0)  
**Program ID:** 160-23-21-035

**Bethesda****National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)  
Children's National Medical Center  
NIH Warren Grant Magnuson Clinical Center

*Program Director:*  
Morris W Pulliam, MD  
National Naval Medical Center  
Dept of Neurosurgery  
8801 Wisconsin Ave  
Bethesda, MD 20889-5000  
301 295-4420

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-23-21-002

**Massachusetts****Boston****Children's Hospital/Brigham and Women's Hospital Program\***

Children's Hospital  
Brigham and Women's Hospital

*Program Director:*  
Peter M Black, MD PhD  
Children's Hospital  
Dept of Neurosurgery  
300 Longwood Ave  
Boston, MA 02115  
617 735-6008

*Length:* 5 Year(s)  
**Program ID:** 160-24-21-036

**Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*  
Nicholas T Zervas, MD  
Massachusetts General Hospital  
Fruit St  
Boston, MA 02114-2690  
617 726-8581

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 160-24-31-037

**Tufts University Program**

New England Medical Center Hospitals

*Program Director:*  
William A Shucart, MD  
New England Medical Center  
750 Washington St Box 178  
Boston, MA 02111  
617 956-5858

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 1)  
**Program ID:** 160-24-31-038

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical School  
Children's Hospital  
St Vincent Hospital  
University of Massachusetts Medical Center

*Program Director:*  
Harold A Wilkinson, MD PhD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3994

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 1)  
**Program ID:** 160-24-21-105

\* Updated information not provided.



## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Julian T Hoff, MD  
University of Michigan Hospital  
Section of Neurosurgery  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0338  
313 936-5015

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 2)

**Program ID: 160-25-21-039**

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Mark L Rosenblum, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Neurological Surgery  
Detroit, MI 48202  
313 876-1340

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 2)

**Program ID: 160-25-11-040**

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Harper Hospital

*Program Director:*

Fernando G Diaz, MD  
University Health Center  
4201 St Antoine 6E  
Detroit, MI 48201  
313 745-4661

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 1)

**Program ID: 160-25-21-041**

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Hennepin County Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Roberto C Heros, MD  
Box 96 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455-0392  
612 624-6666

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID: 160-26-21-042**

## Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
St Mary's Hospital of Rochester

*Program Director:*

David G Piepgras, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-2254

*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 3)

**Program ID: 160-26-21-043**

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Andrew D Parent, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216  
601 984-5705

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)

**Program ID: 160-27-21-044**

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Boone Hospital Center  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

John J Oro, MD  
University of Missouri Health Science Center  
One Hospital Dr N521  
Columbia, MO 65212  
314 882-4908

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)

**Program ID: 160-28-21-045**

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital

*Program Director:*

Kenneth R Smith Jr, MD  
St Louis University Hospital Div of Neurosurgery  
3635 Vista Ave at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8795

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)

**Program ID: 160-28-21-047**

## Washington University Program\*

Barnes Hospital  
St Louis Children's Hospital

*Program Director:*

Ralph G Dacey Jr, MD  
Att: Kevin Bjerke  
Grad Med Ed/Washington Univ of Med  
One Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-3571

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 160-28-11-046**

## Nebraska

### Omaha

#### University of Nebraska Program

University of Nebraska Medical Center  
Childrens Memorial Hospital  
Methodist Hospital

*Program Director:*

Lyal G Leibrock, MD  
University of Nebraska  
Section of Neurosurgery  
600 S 42nd St  
Omaha, NE 68198-2035  
402 559-4299

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 1)

**Program ID: 160-30-21-111**

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital

*Program Director:*

Richard L Saunders, MD  
Dartmouth-Hitchcock Medical Center  
Section of Neurosurgery  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-8730

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)

**Program ID: 160-32-21-048**

## New Mexico

### Albuquerque

#### University of New Mexico Program\*

University of New Mexico School of Medicine  
Lovelace Medical Center  
University Hospital

*Program Director:*

Edward C Benzel, MD  
University of New Mexico  
School of Medicine  
Dept of Neurosurgery  
Albuquerque, NM 87131  
505 272-3401

*Length:* 5 Year(s)

**Program ID: 160-34-21-116**

\* Updated information not provided.

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital

*Program Director:*

A John Popp, MD  
Albany Medical Center  
Dept of Neurosurgery A-61  
New Scotland Ave  
Albany, NY 12208  
518 262-5088

*Length:* 5 Year(s) *Total Positions:* 5 (*GYI:* 0)**Program ID:** 160-35-21-049**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

W Jost Michelsen, MD  
Montefiore Med Ctr/Albert Einstein Coll of Med  
Dept of Neurological Surgery  
111 E 210th St  
Bronx, NY 10467-2480  
718 920-7400

*Length:* 5 Year(s) *Total Positions:* 8 (*GYI:* 0)**Program ID:** 160-35-21-051**Brooklyn****SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*

Thomas H Milhorat, MD  
SUNY-Hlth Sci Ctr at Brooklyn  
450 Clarkson Ave Box 1189  
Brooklyn, NY 11203  
718 270-2111

*Length:* 5 Year(s) *Total Positions:* 6 (*GYI:* 0)**Program ID:** 160-35-21-056**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Children's Hospital of Buffalo  
Erie County Medical Center  
Millard Fillmore Hospitals

*Program Director:*

L N Hopkins III, MD  
Millard Fillmore Hospital  
Three Gates Circle  
Buffalo, NY 14209  
716 887-5210

*Length:* 5 Year(s) *Total Positions:* 11 (*GYI:* 3)**Program ID:** 160-35-21-050**New York****Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*

Kalmon D Post, MD  
Mount Sinai Hosp/Dept of Neurosurgery  
Box 1136  
One Gustave Levy Pl  
New York, NY 10029-6574  
212 241-0999

*Length:* 5 Year(s) *Total Positions:* 11 (*GYI:* 0)**Program ID:** 160-35-21-053**New York Hospital/Cornell Medical Center Program**

New York Hospital  
Hospital for Special Surgery  
Memorial Sloan-Kettering Cancer Center

*Program Director:*

Russel H Patterson Jr, MD  
New York Hospital  
525 E 68th St  
New York, NY 10021  
212 746-2371

*Length:* 5 Year(s) *Total Positions:* 9 (*GYI:* 2)**Program ID:** 160-35-21-052**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Patrick J Kelly, MD  
New York University Medical Center  
Dept of Neurosurgery  
650 First Ave  
New York, NY 10016  
212 263-6414

*Length:* 5 Year(s) *Total Positions:* 12 (*GYI:* 0)**Program ID:** 160-35-21-054**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

Bennett M Stein, MD  
Neurological Service  
710 W 168th St  
New York, NY 10032  
212 305-5543

*Length:* 5 Year(s) *Total Positions:* 11 (*GYI:* 0)**Program ID:** 160-35-11-055**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Shige H Okawara, MD  
University of Rochester Medical Center  
Box 670 601 Elmwood Ave  
Rochester, NY 14642-8670  
716 275-9160

*Length:* 5 Year(s) *Total Positions:* 7 (*GYI:* 1)**Program ID:** 160-35-11-057**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse  
Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Charles J Hodge, MD  
Dept of Neurosurgery  
Health Science Center at Syracuse  
750 E Adams St  
Syracuse, NY 13210  
315 464-4470

*Length:* 5 Year(s) *Total Positions:* 11 (*GYI:* 0)**Program ID:** 160-35-21-058**Valhalla****New York Medical College at Westchester County Medical Center Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York  
Westchester County Medical Center

*Program Director:*

Samuel S Kasoff, MD  
New York Medical College  
Munger Pavilion 3rd Fl  
Valhalla, NY 10595  
914 285-8392

*Length:* 5 Year(s) *Total Positions:* 6 (*GYI:* 0)**Program ID:** 160-35-21-108**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Steven K Gudeman, MD  
University of North Carolina School of Medicine  
Div of Neurosurgery  
148 Burnett-Womack Bldg CB#7060  
Chapel Hill, NC 27599-7060  
919 966-1374

*Length:* 5 Year(s) *Total Positions:* 6 (*GYI:* 0)**Program ID:** 160-36-11-059**Durham****Duke University Program**

Duke University Medical Center  
Durham Regional Hospital  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Robert H Wilkins, MD  
Duke University Medical Center  
Box 3807  
Durham, NC 27710  
919 684-3271

*Length:* 5 Year(s) *Total Positions:* 10 (*GYI:* 0)**Program ID:** 160-36-21-060

\* Updated information not provided.

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

David L Kelly Jr, MD  
Bowman Gray Sch of Medicine  
Dept of Neurosurgery  
Medical Center Blvd  
Winston-Salem, NC 27157-1029  
910 716-4038

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-36-11-061

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Christ Hospital  
Good Samaritan Hospital

*Program Director:*

John M Tew Jr, MD  
University of Cincinnati  
PO Box 670515  
231 Bethesda Ave  
Cincinnati, OH 45267-0515  
513 558-5387

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 2)  
**Program ID:** 160-38-21-064

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Robert A Ratcheson, MD  
Case Western Reserve University Hospital  
11100 Euclid Ave  
Cleveland, OH 44106  
216 844-5747

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 0)  
**Program ID:** 160-38-21-065

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Joseph F Hahn, MD  
The Cleveland Clinic  
9500 Euclid Ave TT32  
Dept of Neurological Surgery  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 2)  
**Program ID:** 160-38-22-066

### Columbus

#### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital  
Riverside Methodist Hospitals

*Program Director:*

Michael E Miner, MD PhD  
Ohio State University Hospital  
316 Means Hall  
1654 Upham Dr  
Columbus, OH 43210-1250  
614 293-8714

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 2)  
**Program ID:** 160-38-21-067

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

L Philip Carter, MD  
University of Oklahoma  
Dept of Neurosurgery  
PO Box 26901 4SP200  
Oklahoma City, OK 73190  
405 271-4912

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 160-39-21-068

## Oregon

### Portland

#### Oregon Health Sciences University Program\*

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Kim J Burchiel, MD  
Oregon Health Sciences University  
Div of Neurosurgery L-472  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-8070

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 0)  
**Program ID:** 160-40-21-070

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Stephen K Powers, MD  
Milton S Hershey Medical Center  
Div of Neurological Surgery  
PO Box 850  
Hershey, PA 17033-0850  
717 531-8807

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 1)  
**Program ID:** 160-41-21-110

### Philadelphia

#### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital  
Cooper Hospital-University Medical Center  
New York University Medical Center

*Program Director:*

Somnath N Nair, MD  
Hahnemann University Hospital  
Div of Neurosurgery MS 407  
Broad & Vine  
Philadelphia, PA 19102-1192  
215 762-8072

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 160-41-21-072

### Temple University Program

Temple University Hospital  
St Christopher's Hospital for Children

*Program Director:*

Paul M Lin, MD  
Temple University Hospital  
3401 N Broad St  
Philadelphia, PA 19140  
215 221-4067

*Length:* 5 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 160-41-21-073

### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
Pennsylvania Hospital  
Wills Eye Hospital

*Program Director:*

William A Buchheit, MD  
Thomas Jefferson University Hospital  
1015 Chestnut St  
14th Fl  
Philadelphia, PA 19107-4302  
215 955-6744

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 160-41-21-074

### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Eugene S Flamm, MD  
Hospital of the University of Pennsylvania  
3400 Spruce St  
5th Fl Silverstein  
Philadelphia, PA 19104-4283  
215 662-3483

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 2)  
**Program ID:** 160-41-21-075

## Pittsburgh

#### Allegheny General Hospital/Medical College of Pennsylvania Program

Allegheny General Hospital

*Program Director:*

Jack E Wilberger, MD  
Dept of Neurosurgery  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212  
412 359-6200

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 160-41-31-116

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Peter J Jannetta, MD  
Dept of Neurosurgery  
Presbyterian University Hospital  
200 Lothrop St Ste B-400  
Pittsburgh, PA 15213  
412 647-0988

*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 3)  
**Program ID:** 160-41-31-076

\* Updated information not provided.

**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
San Juan City Hospital  
University Hospital  
University Pediatric Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*  
Nathan Rifkinson, MD  
University Hospital  
Dept of Neurosurgery  
GPO Box 5067  
San Juan, PR 00936  
809 765-8276

*Length:* 5 Year(s) *Total Positions:* 6  
*Program ID:* 160-42-21-078

**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital

*Program Director:*  
Mel H Epstein, MD  
Brown University Program in Neurosurgery  
593 Eddy St  
Providence, RI 02903  
401 444-8701

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 160-43-21-103

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
MUSC Medical Center

*Program Director:*  
Phanor L Perot Jr, MD PhD  
Medical University of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-2272  
803 792-2453

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
*Program ID:* 160-45-11-079

**Tennessee****Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Methodist Hospital-Central Unit  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*  
James T Robertson, MD  
Dept of Neurosurgery  
847 Monroe Ave #427  
Memphis, TN 38163  
901 448-6374

*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 3)  
*Program ID:* 160-47-21-080

**Nashville****Vanderbilt University Program\***

Vanderbilt University Medical Center  
St Thomas Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*  
George Allen, MD PhD  
Vanderbilt University Medical Center  
T-4224 Med Ctr N  
Nashville, TN 37232-2380  
615 322-7417

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 160-47-21-081

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital

St Paul Medical Center  
Veterans Affairs Medical Center (Dallas)  
Zale-Lipshy University Hospital

*Program Director:*  
Duke Samson, MD  
University of Texas Southwestern Medical Center  
Dept of Neurological Surgery  
5323 Harry Hines Blvd  
Dallas, TX 75235-8855  
214 648-4579

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 0)  
*Program ID:* 160-48-21-082

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*  
Haring J W Nauta, MD PhD  
University of Texas Medical Branch  
Div of Neurosurgery E17  
301 University Blvd  
Galveston, TX 77555-0517  
409 772-1500

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)  
*Program ID:* 160-48-21-083

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital

Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*  
Robert G Grossman, MD  
Dept of Neurosurgery  
Baylor College of Medicine  
One Baylor Plaza  
Houston, TX 77030  
713 798-4696

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 0)  
*Program ID:* 160-48-21-084

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*  
Jim L Story, MD  
University of Texas Health Science Center  
Div of Neurosurgery  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7843  
210 567-5625

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 160-48-21-085

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Primary Children's Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*  
M Peter Heilbrun, MD  
University of Utah Hospital  
50 N Medical Dr  
Ste 3B-409  
Salt Lake City, UT 84132  
801 581-6908

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 160-49-31-086

**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont

*Program Director:*  
Cordell E Gross, MD  
Div of Neurological Surgery  
One S Prospect St  
Burlington, VT 05401  
802 656-4590

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 1)  
*Program ID:* 160-50-21-101

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*  
John A Jane, MD PhD  
University of Virginia Health Science Center  
Box 212  
Charlottesville, VA 22908  
804 924-2203

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 2)  
*Program ID:* 160-51-21-088

\* Updated information not provided.

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Harold F Young, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980631  
Richmond, VA 23298-0631  
804 786-9165

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 160-51-21-089

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

H Richard Winn, MD  
Univ of Washington Schl of Med Harborview Med Center  
Dept of Neurosurgery  
325 Ninth Ave ZA-86  
Seattle, WA 98104  
206 521-1833

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 160-54-21-090

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

Howard H Kaufman, MD  
Health Science Center  
Dept of Neurosurgery  
PO Box 9183  
Morgantown, WV 26506-9183  
304 293-5041

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 1)

*Program ID:* 160-55-11-091

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
Meriter Hospital  
William S Middleton Veterans Hospital

*Program Director:*

Manucher J Javid, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave Rm H4/346  
Madison, WI 53792-3232  
608 263-1410

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 1)

*Program ID:* 160-56-21-092

## Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doane Hospital

*Program Director:*

Sanford J Larson, MD PhD  
MCW Clinic at Froedtert Dept of Neurosurgery  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5407

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 1)

*Program ID:* 160-56-21-093

## Neurology

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

John N Whitaker, MD  
University of Alabama Medical Center  
625 S 19th St  
Birmingham, AL 35294-0007  
205 934-2402

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-01-31-004

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

John F Rothrock, MD  
University of South Alabama College of Medicine  
2451 Fillingim St  
MCSB 1100  
Mobile, AL 36617  
205 471-7841

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-01-21-123

## Arizona

### Phoenix

#### Barrow Neurological Institute of St Joseph's Hospital and Medical Center Program

Barrow Neurological Institute of St Joseph's Hosp & Med Ctr

*Program Director:*

William R Shapiro, MD  
Barrow Neurological Institute  
St Joseph's Hosp & Med Ctr  
PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-3390

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-03-12-005

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
Tucson Medical Center  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

David M Labiner, MD  
Dept of Neurology  
Arizona Health Sciences Center  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-4551

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 180-03-21-006

\* Updated information not provided.

**Arkansas****Little Rock****University of Arkansas for Medical Sciences Program**

University of Arkansas College of Medicine  
John L. McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Sami I Harik, MD

University of Arkansas for Medical Science

4301 W Markham Slot 500

Little Rock, AR 72205-7199

501 686-5135

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 180-04-21-007

**California****Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital  
Riverside General Hospital-University Medical Center

*Program Director:*

Gordon W Peterson, MD

Loma Linda Medical Center

Dept of Neurology Rm 1580

PO Box 2000

Loma Linda, CA 92354

909 824-4907

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-05-21-124

**Los Angeles****UCLA Medical Center Program**

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Timothy F Cloughesy, MD

Reed Neurological Research Center

710 Westwood Plaza

Los Angeles, CA 90024-1769

310 825-6681

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-05-21-012

**University of Southern California Program\***

Los Angeles County-USC Medical Center

*Program Director:*

Mark Fisher, MD

USC School of Medicine

2025 Zonal Ave

Los Angeles, CA 90033-1034

213 226-7381

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-05-21-011

**Veterans Affairs Medical Center (West Los Angeles) Program\***

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Wallace W Tourtellotte, MD PhD

West Los Angeles Veterans Administration Medical Center

Wilshire & Sawtelle Blvds

Bldg 212 Rm 1

Los Angeles, CA 90073

213 824-4307

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 180-05-31-013

**Oakland****University of California (Davis) East Bay Program**

Highland General Hospital  
David Grant Medical Center  
Merrithew Memorial Hospital and Clinics

*Program Director:*

Michael P Remler, MD

VA Northern California System of Clinics (612/127)

Dept of Neurology

150 Muir Rd

Martinez, CA 94553

510 372-2059

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 1)

*Program ID:* 180-05-21-130

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Robert R Young, MD

University of California (Irvine)

Dept of Neurology

Irvine, CA 92717-4275

714 725-3406

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-05-21-009

**Pasadena****Southern California Kaiser Permanente Medical Care (Los Angeles) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Sheldon Wolf, MD

Southern California Permanente Medical Group

393 E Walnut St

Pasadena, CA 91188-8013

800 541-7946

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 180-05-12-010

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

Masud Seyal, MD

University of California (Davis) Medical Center

Dept of Neurology

2315 Stockton Blvd Rm 5308

Sacramento, CA 95817

916 734-3514

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 1)

*Subspecialties:* CHN

*Program ID:* 180-05-12-008

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Mark J Kritchevsky, MD

UCSD Med Ctr

200 W Arbor Dr 8465

San Diego, CA 92103-8465

619 543-6266

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-05-21-014

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Stephen L Hauser, MD

Univ of California (San Francisco)

Dept of Neurology

605 Parnassus Ave Rm M-794

San Francisco, CA 94143-0114

415 476-9211

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-05-21-016

**Stanford****Stanford University Program**

Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Gregory W Albers, MD

Stanford Medical Center

Dept of Neurology H3160

300 Pasteur Dr

Stanford, CA 94305-5235

415 725-6688

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Subspecialties:* CHN

*Program ID:* 180-05-21-017

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Mark A Goldberg, MD PhD

Los Angeles Cnty-Harbor-UCLA Med Ctr

1000 W Carson St

Torrance, CA 90509

310 222-3897

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-05-11-018

\* Updated information not provided.

## Colorado

### Denver

#### University of Colorado Program\*

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Donald H Gilden, MD  
University of Colorado Health Sciences Center  
4200 E Ninth Ave  
Neurology Dept (B-182)  
Denver, CO 80262  
303 270-8281

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-07-21-019

## Connecticut

### Farmington

#### University of Connecticut Program

University of Connecticut School of Medicine  
Hartford Hospital  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

Leslie I Wolfson, MD  
Hartford Hospital  
Dept of Neurology  
80 Seymour St PO Box 5037  
Hartford, CT 06102-5037  
203 545-3621

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 180-08-21-139

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Stephen G Waxman, MD PhD  
Yale University School of Medicine  
15 York St LCI-7  
New Haven, CT 06520  
203 785-4086

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 0)

*Program ID:* 180-08-21-021

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital  
Washington Hospital Center

*Program Director:*

John J Kelly Jr, MD  
George Washington University Hospital  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-4061

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-10-21-023

#### Georgetown University Program\*

Georgetown University Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Jonathan H Pincus, MD  
Georgetown University Hospital  
Dept of Neurology  
3800 Reservoir Rd NW  
Washington, DC 20007-2197  
202 784-2170

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

*Program ID:* 180-10-21-022

#### Howard University Program

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

Roger L Weir, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1546

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 180-10-21-024

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Col Carl H Gunderson, MD  
Neurology Serv  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1510

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 3)

*Subspecialties:* CHN

*Program ID:* 180-10-11-002

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Edward Valenstein, MD  
University of Florida College of Medicine  
Dept of Neurology  
Box 100236 JHMHC  
Gainesville, FL 32610-0236  
904 392-3491

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 180-11-21-025

### Miami

#### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Bruce Nolan, MD  
Jackson Memorial Hospital  
Neurology Serv  
PO Box 016960  
Miami, FL 33101  
305 547-6732

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-11-21-026

## Tampa

#### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Leon D Prockop, MD  
University of South Florida College of Medicine  
12901 Bruce B Downs Blvd Box 55  
Tampa, FL 33612  
813 974-2062

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 180-11-21-027

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

Sarah E DeRossett, MD PhD  
Dept of Neurology  
Emory University Woodruff Bldg  
1639 Pierce Dr Ste 6000  
Atlanta, GA 30322  
404 727-5004

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-12-21-028

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
University Hospital  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Thomas R Swift, MD  
Medical College of Georgia  
Dept of Neurology  
BW 340  
Augusta, GA 30912-3200  
706 721-4581

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-12-21-029

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program\*

Northwestern University Medical School  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Phyllis Zee, MD  
Northwestern University Medical School  
233 E Erie St #614  
Chicago, IL 60611-2905  
312 908-8266

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 1)

*Subspecialties:* CHN

*Program ID:* 180-16-21-032

\* Updated information not provided.

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center  
EHS Christ Hospital and Medical Center

**Program Director:**

Judd N Jensen, MD  
Harold L Klawans, MD  
Rush-Presbyterian-St Luke's Medical Center  
Dept of Neurology  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-4500

**Length:** 3 Year(s) **Total Positions:** 12 (GYI: 0)  
**Program ID:** 180-16-11-083

**University of Chicago Program**

University of Chicago Hospitals

**Program Director:**

Richard P Kraig, PhD MD  
University of Chicago Hospitals  
5841 S Maryland Ave  
MC2030  
Chicago, IL 60637-1470  
312 702-0151

**Length:** 3 Year(s) **Total Positions:** 17 (GYI: 0)  
**Subspecialties:** CHN  
**Program ID:** 180-16-21-034

**University of Illinois College of Medicine at Chicago Program\***

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

**Program Director:**

Daniel B Hier, MD  
University of Illinois at Chicago  
Dept of Neurology (M/C 796)  
912 S Wood St  
Chicago, IL 60612-7330  
312 996-1757

**Length:** 3 Year(s) **Total Positions:** 8 (GYI: 0)  
**Program ID:** 180-16-21-035

**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

**Program Director:**

Gastone G Celesia, MD  
Loyola University Stritch School of Medicine  
2160 S First Ave  
Maywood, IL 60153  
708 216-3405

**Length:** 3 Year(s) **Total Positions:** 16 (GYI: 0)  
**Subspecialties:** CHN  
**Program ID:** 180-16-21-036

**North Chicago****Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School  
Cook County Hospital  
Veterans Affairs Medical Center (North Chicago)

**Program Director:**

Dragomir M Vuckovich, MD  
Chicago Medical School  
Dept of Neurology  
3333 Green Bay Rd  
North Chicago, IL 60064  
708 578-3333

**Length:** 3 Year(s) **Total Positions:** 3 (GYI: 0)  
**Program ID:** 180-16-31-030

**Peoria****University of Illinois College of Medicine at Peoria Program**

University of Illinois College of Medicine at Peoria  
Methodist Medical Center of Illinois  
St Francis Medical Center

**Program Director:**

John M McLean, MD  
University of Illinois College of Medicine at Peoria  
Dept of Neurology  
PO Box 1649  
Peoria, IL 61656-1649  
309 655-2702

**Length:** 4 Year(s) **Total Positions:** 8 (GYI: 2)  
**Program ID:** 180-16-21-136

**Springfield****Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

**Program Director:**

Bala V Manyam, MD  
SIU School of Medicine  
Dept of Neurology Residency Prgm  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-0168

**Length:** 4 Year(s) **Total Positions:** 8 (GYI: 2)  
**Program ID:** 180-16-21-134

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

**Program Director:**

Jose Biller, MD  
Dept of Neurology  
Indiana University Medical Center  
545 Barnhill Dr  
Indianapolis, IN 46202-5124  
317 274-4455

**Length:** 3 Year(s) **Total Positions:** 15 (GYI: 0)  
**Subspecialties:** CHN  
**Program ID:** 180-17-21-038

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

**Program Director:**

Antonio R Damasio, MD  
University of Iowa Hospitals and Clinics  
Dept of Neurology  
Iowa City, IA 52242-1009  
319 356-4296

**Length:** 4 Year(s) **Total Positions:** 16 (GYI: 1)  
**Subspecialties:** CHN  
**Program ID:** 180-18-21-039

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

**Program Director:**

Richard M Dubinsky, MD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7314  
913 688-6996

**Length:** 3 Year(s) **Total Positions:** 11 (GYI: 0)  
**Subspecialties:** CHN  
**Program ID:** 180-19-22-040

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

**Program Director:**

Kevin Nelson, MD  
University of Kentucky Medical Center  
Dept of Neurology  
800 Rose St  
Lexington, KY 40536-0084  
606 323-6702

**Length:** 4 Year(s) **Total Positions:** 12 (GYI: 3)  
**Subspecialties:** CHN  
**Program ID:** 180-20-21-041

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

**Program Director:**

Walter L Olson, MD  
University of Louisville Health Science Center  
Dept of Neurology  
Louisville, KY 40292-0001  
502 852-7981

**Length:** 3 Year(s) **Total Positions:** 8 (GYI: 0)  
**Program ID:** 180-20-21-042

**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus

**Program Director:**

Austin J Sumner, MD  
Dept of Neurology  
LSU School of Medicine  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4080

**Length:** 3 Year(s) **Total Positions:** 7 (GYI: 0)  
**Subspecialties:** CHN  
**Program ID:** 180-21-21-043

\* Updated information not provided.



## Accredited Programs in Neurology

### Tulane University Program

Tulane University School of Medicine  
Alton Ochsner Medical Foundation  
Medical Center of Louisiana at New Orleans-Tulane  
Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New  
Orleans)

*Program Director:*

Leon A Weisberg, MD  
Tulane University School of Medicine  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-2241

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-21-21-044

### Maryland

#### Baltimore

##### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*

Daniel Hanley, MD  
Johns Hopkins Hospital  
600 N Wolfe St  
Meyer 8-140  
Baltimore, MD 21287-7839  
410 955-7481

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-23-21-045

##### University of Maryland Program

University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Kenneth P Johnson, MD  
Dept of Neurology  
UMMS Rm N4W46  
22 S Greene St  
Baltimore, MD 21201  
410 328-6484

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 2)  
*Program ID:* 180-23-31-046

#### Bethesda

##### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)

*Program Director:*

Andrew J Dutka, MD  
Department of Neurology  
National Naval Medical Center  
8901 Wisconsin Ave  
Bethesda, MD 20889-5600  
301 295-4760

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)  
*Program ID:* 180-23-31-003

### Massachusetts

#### Boston

##### Boston City Hospital Program\*

Boston City Hospital  
Lahey Clinic  
St Elizabeth's Medical Center of Boston

*Program Director:*

Thomas D Sabin, MD  
Boston City Hospital  
Neurological Unit  
818 Harrison Ave  
Boston, MA 02118  
617 534-5230

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 180-24-11-047

##### Boston University Program

Boston University Medical Center-University Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*

Robert G Feldman, MD  
Boston University School of Medicine  
Dept of Neurology C314  
80 E Concord St  
Boston, MA 02118-2394  
617 638-5350

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)  
*Program ID:* 180-24-32-048

##### Harvard Medical School Program

Children's Hospital  
Beth Israel Hospital  
Brigham and Women's Hospital

*Program Director:*

Martin A Samuels, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-5355

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-24-21-049

##### Massachusetts General Hospital Program\*

Massachusetts General Hospital

*Program Director:*

Walter J Koroshetz, MD  
Massachusetts General Hospital  
Neurology Serv Kennedy 9  
Boston, MA 02114  
617 726-7413

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-24-31-050

##### New England Medical Center Hospitals Program\*

New England Medical Center Hospitals

*Program Director:*

Louis R Caplan, MD  
New England Medical Center  
750 Washington St  
Boston, MA 02111  
617 956-5450

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-24-21-051

### Worcester

##### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center  
St Vincent Hospital

*Program Director:*

David A Drachman, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655-0318  
508 856-4147

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-24-21-121

### Michigan

#### Ann Arbor

##### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Sid Gilman, MD  
University of Michigan Hospitals  
1500 E Medical Center Dr  
1914 Taubman Ctr Box 0316  
Ann Arbor, MI 48109-0316  
313 936-9070

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-25-31-052

#### Detroit

##### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Lori B Schneider, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2648

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)  
*Program ID:* 180-25-21-129

##### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital

*Program Director:*

Robert P Lisak, MD  
4201 St Antoine 6E UHC  
Detroit, MI 48201  
313 577-1242

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)  
*Subspecialties:* CHN

*Program ID:* 180-25-31-054

\* Updated information not provided.

**Minnesota****Minneapolis****University of Minnesota Program\***

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Gareth J Parry, MD  
University of Minnesota Hospital and Clinics  
Dept of Neurology  
516 Delaware St SE  
Minneapolis, MN 55455  
612 626-4107

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-26-21-055

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Charles M Harper, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First Street SW  
Rochester, MN 55905  
507 284-4458

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 9)

*Subspecialties:* CHN

*Program ID:* 180-26-21-057

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

James J Corbett, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5500

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

*Subspecialties:* CHN

*Program ID:* 180-27-21-058

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Harry White, MD  
University of Missouri-Columbia  
Dept of Psychiatry and Neurology  
M741 Medical Sciences Bldg  
Columbia, MO 65212  
314 882-3133

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 0)

*Program ID:* 180-28-21-059

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

John B Selhorst, MD  
St Louis University School of Medicine  
Dept of Neurology  
3635 Vista at Grand  
St Louis, MO 63110-0250  
314 577-8026

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Subspecialties:* CHN

*Program ID:* 180-28-21-060

**Washington University Program\***

Barnes Hospital  
St Louis Regional Medical Center

*Program Director:*

David B Clifford, MD  
Washington University School of Medicine  
Dept of Neurology  
660 S Euclid Box 8111  
St Louis, MO 63110-1091  
314 362-3296

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-28-21-061

**Nebraska****Omaha****University of Nebraska/Creighton University Program**

University of Nebraska Medical Center  
AMI St Joseph Hospital at Creighton Univ Medical Center

*Program Director:*

Rifaat M Bashir, MD  
University of Nebraska College of Medicine  
600 S 42nd St  
Omaha, NE 68198-2045  
402 559-4496

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 180-30-21-062

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Alexander G Reeves, MD  
Dartmouth-Hitchcock Medical Center  
Section of Neurology  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-7916

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 180-32-21-068

**New Jersey****Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Robert Wood Johnson University Hospital  
UMDNJ-University Hospital

*Program Director:*

Stuart D Cook, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave  
Newark, NJ 07103  
201 982-6208

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* CHN

*Program ID:* 180-33-21-064

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Gary A Rosenberg, MD  
Dept of Neurology  
2211 Lomas Blvd NE  
Ambulatory Care Ctr 2-East  
Albuquerque, NM 87131-5281  
505 272-3342

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 1)

*Subspecialties:* CHN

*Program ID:* 180-34-21-065

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Neil Lava, MD  
Albany Medical Center Dept of Neurology A-70  
47 New Scotland Ave  
Albany, NY 12208  
518 262-5312

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 180-35-21-066

\* Updated information not provided.

**Bronx**

**Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses Division

*Program Director:*  
Herbert H Schaumburg, MD  
Albert Einstein College of Medicine  
1300 Morris Park Ave  
Bronx, NY 10461  
718 430-3166

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-070

**Brooklyn**

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn

*Program Director:*  
Roger Q Cracco, MD  
450 Clarkson Ave Box 1213  
Brooklyn, NY 11203-2098  
718 270-2051

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-079

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Children's Hospital of Buffalo  
Dent Neurological Institutes of Millard Fillmore Hospital  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*  
Michael Cohen, MD  
Dept of Neurology  
Children's Hospital of Buffalo  
219 Bryant St  
Buffalo, NY 14222-2099  
716 878-7848

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 2)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-067

**East Meadow**

**Nassau County Medical Center Program**

Nassau County Medical Center

*Program Director:*  
Richard R Carruthers, MD  
Nassau County Medical Center  
Dept of Neurology  
East Meadow, NY 11554-5400  
516 572-3107

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-069

**Manhasset**

**North Shore University Hospital Program**

North Shore University Hospital  
Memorial Sloan-Kettering Cancer Center

*Program Director:*  
John Halperin, MD  
North Shore Univ Hosp-Cornell Med Ctr  
Dept of Neurology  
300 Community Dr  
Manhasset, NY 11030  
516 562-4301

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 0)  
**Program ID:** 180-35-21-073

**New Hyde Park**

**Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Bronx Municipal Hospital Center

*Program Director:*  
Ronald M Kanner, MD  
Long Island Jewish Medical Center  
Dept of Neurology  
270-05 76th Ave  
New Hyde Park, NY 11040-8110  
718 470-7311

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-074

**New York**

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*  
C Warren Olanow, MD  
Mount Sinai Hospital  
Dept of Neurology  
One Gustave L Levy Place  
New York, NY 10029  
212 241-7317

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-075

**New York Hospital/Cornell Medical Center Program\***

New York Hospital  
Memorial Sloan-Kettering Cancer Center

*Program Director:*  
Fred Plum, MD  
New York Hospital  
525 E 68th St  
Room A-569  
New York, NY 10021  
212 746-6141

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-072

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*  
Edwin H Kolodny, MD  
New York University Medical Center Dept of Neurology  
550 First Ave  
New York, NY 10016  
212 263-6347

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-077

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*  
Lewis P Rowland, MD  
Columbia-Presbyterian Medical Center  
Dept of Neurology  
710 W 168th St  
New York, NY 10032-2603  
212 305-1338

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-31-071

**Rochester**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*  
Roger Kurlan, MD  
University of Rochester Medical Center  
PO Box 673 601 Elmwood Ave  
Rochester, NY 14642-8673  
716 275-2545

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-31-082

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*  
James N Davis, MD  
George C Newman, MD PhD  
SUNY at Stony Brook Health Sciences Center  
L 12 Rm 020 Dept of Neurology  
Stony Brook, NY 11794-8121  
516 444-1450

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)  
*Subspecialties:* CHN  
**Program ID:** 180-35-21-081

**Syracuse**

**SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*  
Burk Jubelt, MD  
Univ Hosp of SUNY Hlth Sci Ctr  
Dept of Neurology  
750 E Adams St  
Syracuse, NY 13210  
315 464-4627

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 180-35-21-083

**Valhalla**

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*  
Joseph C Masdeu, MD  
St Vincent's Hosp & Med Ctr of New York  
163 W 11th St  
New York, NY 10011-8397  
212 604-2400

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 180-35-11-078

\* Updated information not provided.

## New York Medical College at Westchester County Medical Center Program

New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
Westchester County Medical Center

### Program Director:

Alan J Tuchman, MD  
Dept of Neurology  
Munger Pavilion 4th Fl  
Valhalla, NY 10585  
914 993-4293

Length: 3 Year(s) Total Positions: 14 (GYI: 0)  
Program ID: 180-95-21-076

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

### Program Director:

James N Hayward, MD  
UNC School of Medicine  
Dept of Neurology  
751 Burnett-Womack Bldg CB #7025  
Chapel Hill, NC 27599-7025  
919 966-2526

Length: 3 Year(s) Total Positions: 7 (GYI: 0)  
Subspecialties: CHN  
Program ID: 180-36-11-084

### Durham

#### Duke University Program

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

### Program Director:

Joel C Morgenlander, MD  
Duke University Medical Center  
M2900  
122 Baker House  
Durham, NC 27710  
919 684-6666

Length: 3 Year(s) Total Positions: 12 (GYI: 0)  
Subspecialties: CHN  
Program ID: 180-36-21-085

### Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

### Program Director:

Peter D Donofrio, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1078  
910 716-2330

Length: 4 Year(s) Total Positions: 12 (GYI: 3)  
Subspecialties: CHN  
Program ID: 180-36-21-086

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Children's Hospital Medical Center  
Veterans Affairs Medical Center (Cincinnati)

### Program Director:

John G Quinlan, MD  
University of Cincinnati Medical Center  
231 Bethesda Ave Rm 4010  
PO Box 670525  
Cincinnati, OH 45267-0525  
513 558-2968

Length: 3 Year(s) Total Positions: 15 (GYI: 0)  
Subspecialties: CHN  
Program ID: 180-98-21-088

### Cleveland

#### Case Western Reserve University Program\*

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

### Program Director:

Robert B Daroff, MD  
Jennifer S Kriegler, MD  
Case Western Reserve University  
Dept of Neurology  
Cleveland, OH 44106  
216 844-3193

Length: 3 Year(s) Total Positions: 24 (GYI: 0)  
Subspecialties: CHN  
Program ID: 180-98-21-089

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

### Program Director:

Patrick J Sweeney, MD  
Virgilio D Salanga, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Neurology  
Cleveland, OH 44195-5242  
216 444-5690

Length: 3 Year(s) Total Positions: 20 (GYI: 5)  
Subspecialties: CHN  
Program ID: 180-98-11-090

### Columbus

#### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital  
Riverside Methodist Hospitals

### Program Director:

Herbert B Newton, MD  
Ohio State University Hospital  
1654 Upham Dr  
Rm 421  
Columbus, OH 43210  
614 293-8930

Length: 3 Year(s) Total Positions: 9 (GYI: 0)  
Program ID: 180-98-21-092

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

### Program Director:

James R Couch Jr, MD PhD  
Oklahoma University Medical School  
920 Stanton L Young Blvd  
Oklahoma City, OK 73104-5020  
405 271-4113

Length: 4 Year(s) Total Positions: 10 (GYI: 3)  
Program ID: 180-99-21-141

## Oregon

### Portland

#### Oregon Health Sciences University Program\*

Oregon Health Sciences University Hospital  
Good Samaritan Hospital and Medical Center  
Veterans Affairs Medical Center (Portland)

### Program Director:

Earl A Zimmerman, MD  
Oregon Health Science University  
Dept of Neurology - L226  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-7321

Length: 3 Year(s) Total Positions: 8 (GYI: 3)  
Program ID: 180-40-31-095

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

### Program Director:

Richard B Tenser, MD  
Pennsylvania State University  
College of Medicine  
Div of Neurology  
Hershey, PA 17033  
717 531-8692

Length: 3 Year(s) Total Positions: 6 (GYI: 1)  
Program ID: 180-41-11-096

### Philadelphia

#### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital

### Program Director:

Elliott L Mancall, MD  
Hahnemann Univ  
Broad & Vine Sts  
Mail Stop 423  
Philadelphia, PA 19102-1192  
215 762-8089

Length: 3 Year(s) Total Positions: 7 (GYI: 0)  
Program ID: 180-41-21-097

\* Updated information not provided.

## Accredited Programs in Neurology

### MCPHU/Medical College of Pennsylvania Hospital Program

Medical College of Pennsylvania Hospital  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Nathan K Blank, MD  
Medical College of Pennsylvania Dept of Neurology  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6473

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 2)  
*Program ID:* 180-41-21-098

### Pennsylvania Hospital Program

Pennsylvania Hospital

*Program Director:*

Thomas M Bosley, MD  
Pennsylvania Hospital  
Eighth & Spruce Sts  
Philadelphia, PA 19107  
215 829-7550

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)  
*Program ID:* 180-41-31-099

### Temple University Program

Temple University Hospital  
Albert Einstein Medical Center

*Program Director:*

Gerardo R Torres, MD  
Temple University Hospital  
3401 N Broad St 5 PP  
Philadelphia, PA 19140-8110  
215 221-8910

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)  
*Subspecialties:* CHN  
*Program ID:* 180-41-21-100

### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
The Medical Center of Delaware  
Veterans Affairs Medical Center (Wilmington)

*Program Director:*

Robert Jay Schwartzman, MD  
Thomas Jefferson University Hospital  
1025 Walnut St Ste 511  
Philadelphia, PA 19107-5083  
215 955-7310

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
*Subspecialties:* CHN  
*Program ID:* 180-41-21-101

### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Graduate Hospital

*Program Director:*

Arthur K Asbury, MD  
Hospital of The Univ of Pennsylvania Dept of Neurology  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 662-3360

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 0)  
*Subspecialties:* CHN  
*Program ID:* 180-41-21-102

### Pittsburgh

#### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Jon Brillman, MD  
Allegheny General Hospital  
Neurology Residency Prgm  
320 E North Ave 7th Fl ST  
Pittsburgh, PA 15212-9986  
412 359-6527

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 180-41-21-140

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Roger P Simon, MD  
University of Pittsburgh School of Medicine  
322 Scaife Hall  
Pittsburgh, PA 15261-2003  
412 648-2022

*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 0)  
*Subspecialties:* CHN  
*Program ID:* 180-41-21-103

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
San Juan City Hospital  
University Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Jesus R Velez-Borras, MD  
University of Puerto Rico Medical Sciences Campus  
GPO Box 5067 Dept of Medicine  
San Juan, PR 00936  
809 751-3911

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)  
*Program ID:* 180-42-21-104

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital

*Program Director:*

J Donald Easton, MD  
Rhode Island Hospital  
Physicians Office Bldg Ste 324  
593 Eddy St  
Providence, RI 02903  
401 444-8795

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)  
*Subspecialties:* CHN  
*Program ID:* 180-43-21-131

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Edward L Hogan, MD  
Medical University of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-2232  
803 792-3224

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 4)  
*Program ID:* 180-45-21-105

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Michael Jacewicz, MD  
University of Tennessee Memphis  
Dept of Neurology  
855 Monroe Ave Rm 415  
Memphis, TN 38163  
901 448-6199

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)  
*Subspecialties:* CHN  
*Program ID:* 180-47-21-106

### Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
Metropolitan Nashville General Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Gerald M Fenichel, MD  
Vanderbilt University Medical Center  
2100 Pierce Ave  
Nashville, TN 37212  
615 936-0060

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)  
*Subspecialties:* CHN  
*Program ID:* 180-47-21-107

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial  
Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

Wilson W Bryan, MD  
University of Texas Southwestern Medical Center  
Dept of Neurology  
5323 Harry Hines Blvd  
Dallas, TX 75235-9036  
214 648-4775

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 0)  
*Subspecialties:* CHN  
*Program ID:* 180-48-21-108

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

John R Calverley, MD  
The University of Texas Medical Branch Hospital  
Dept of Neurology  
9.128 John Sealy Hosp E39  
Galveston, TX 77555-0539  
409 772-2646

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)  
*Program ID:* 180-48-11-109

\* Updated information not provided.

**Houston****Baylor College of Medicine Program\***

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Tetsuo Ashizawa, MD  
Baylor College of Medicine  
Dept of Neurology NB302  
One Baylor Plaza  
Houston, TX 77030  
713 798-7204

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)

*Subspecialties:* CHN

**Program ID: 180-48-21-110**

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Frank M Yatsu, MD  
University of Texas Medical School at Houston  
Dept of Neurology  
6431 Fannin 7.044  
Houston, TX 77030  
713 792-5777

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Subspecialties:* CHN

**Program ID: 180-48-31-111**

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Michael L Rosenberg, MD  
Wilford Hall Medical Center/PSMN  
2200 Bergquist Dr, Ste 1  
Lackland AFB TX  
San Antonio, TX 78236-5300  
210 670-3947

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 3)

**Program ID: 180-48-21-127**

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center  
Veterans Affairs Medical Center (Amarillo)

*Program Director:*

Judith E Hogg, MD  
Texas Tech University Health Sciences Center  
3601 4th St  
Lubbock, TX 79430  
806 743-2720

*Length:* 4 Year(s) *Total Positions:* 2 (GYI: 0)

*Subspecialties:* CHN

**Program ID: 180-48-21-135**

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

David G Sherman, MD  
University of Texas Health Science Center  
Div of Neurology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7883  
210 617-5161

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

**Program ID: 180-48-21-112**

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

J Richard Baringer, MD  
University of Utah School of Medicine  
Dept of Neurology  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-4283

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 2)

*Subspecialties:* CHN

**Program ID: 180-49-21-113**

**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont

*Program Director:*

Robert W Hamill, MD  
Medical Center Hospital of Vermont  
Brown 313  
Colchester Ave  
Burlington, VT 05401  
802 656-4588

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 180-50-11-114**

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

G Frederick Wooten, MD  
Dept of Neurology  
Box 394  
University of Virginia Medical Ctr  
Charlottesville, VA 22908  
804 924-8369

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

*Subspecialties:* CHN

**Program ID: 180-51-11-115**

**Norfolk****Eastern Virginia Graduate School of Medicine Program**

Eastern Virginia Graduate School of Medicine  
Sentara Norfolk General Hospital  
Veterans Affairs Medical Center (Hampton)

*Program Director:*

Thomas R Pellegrino, MD  
Eastern Virginia Medical School  
825 Fairfax Ave  
Norfolk, VA 23507  
804 446-5940

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 180-51-21-137**

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program\***

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Robert J DeLorenzo, MD PhD MPH  
E C Myer MD  
MCV/Virginia Commonwealth Univ  
PO Box 980599  
Richmond, VA 23298-0599  
804 786-9720

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 5)

*Subspecialties:* CHN

**Program ID: 180-51-21-116**

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Phillip D Swanson, MD PhD  
University of Washington School of Medicine  
Dept of Neurology RG-27  
Seattle, WA 98195  
206 543-2340

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 3)

*Subspecialties:* CHN

**Program ID: 180-54-21-117**

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center  
Harborview Medical Center

*Program Director:*

Frederick G Flynn, DO  
Madigan Army Medical Center  
Neurology Serv  
Tacoma, WA 98431-5000  
206 868-1265

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 2)

**Program ID: 180-54-21-138**

\* Updated information not provided.

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

Ludwig Gutmann, MD  
West Virginia University HSC  
Dept of Neurology  
PO Box 9180  
Morgantown, WV 26506-9180  
304 293-3527

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Subspecialties:* CHN

*Program ID:* 180-55-11-118

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Brad Beinlich, MD  
Univ of Wisconsin Hospital and Clinic  
600 Highland Ave Rm H6-554  
Madison, WI 53792-5132  
608 263-6457

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)

*Subspecialties:* CHN

*Program ID:* 180-56-21-119

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*

Theresa M Dimitopoulos, MD  
Medical College of Wisconsin  
Dept of Neurology  
Froedtert Memorial Lutheran Hosp  
Milwaukee, WI 53226  
414 454-5200

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)

*Subspecialties:* CHN

*Program ID:* 180-56-21-120

## Neuropathology (Pathology-Anatomic and Clinical)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Richard E Powers, MD  
University of Alabama Hospital  
Dept of Pathology  
619 S 19th St UAB Station  
Birmingham, AL 35294  
205 934-6608

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 315-01-21-061

## California

### Los Angeles

#### UCLA Medical Center Program\*

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Harry V Vinters, MD  
University of California Los Angeles School of Medicine  
Div of Neuropathology  
Room 18-170 CHS  
Los Angeles, CA 90024-1732  
310 825-6191

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 315-05-21-068

#### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Carol A Miller, MD  
Los Angeles County-University of Southern California  
Med Ctr  
1200 N State St Box 159  
Los Angeles, CA 90033  
213 226-7123

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 315-05-11-003

## San Diego

#### University of California (San Diego) Program\*

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Henry C Powell, MD  
University of California San Diego Dept of Pathology  
School of Medicine  
9500 Gilman Dr  
La Jolla, CA 92093-0612  
619 534-3717

*Length:* 2 Year(s) *Total Positions:* 1

*Subspecialties:* NP

*Program ID:* 315-05-21-005

## San Francisco

#### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Richard L Davis, MD  
University of California (San Francisco)  
3rd & Parnassus Ave  
San Francisco, CA 94143-0506  
415 476-5236

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 315-05-21-006

## Stanford

#### Stanford University Program

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Dikran S Horoupian, MD  
Stanford University Medical Center  
Pathology/Neuropathology  
Rm R-241  
Stanford, CA 94305-5324  
415 723-6041

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 315-05-21-007

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital

*Program Director:*

Laura Manuelidis, MD  
Yale University School of Medicine  
333 Cedar St  
New Haven, CT 06510  
203 785-4442

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 315-08-21-078

## District of Columbia

## Washington

#### Armed Forces Institute of Pathology Program

Armed Forces Institute of Pathology

*Program Director:*

Hernando Mena, MD  
Armed Forces Institute of Pathology  
Dept of Neuropathology G 051  
6825 16th St NW  
Washington, DC 20306-6000  
202 576-2928

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)

*Program ID:* 315-10-12-001

\* Updated information not provided.

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Thomas A Eskin, MD  
University of Florida Dept of Pathology  
Section of Neuropathology  
PO Box 100275  
Gainesville, FL 32610-0275  
904 395-0238

*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 315-11-21-010

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Stephen B Hunter, MD  
H-173 Emory University Hospital  
Dept of Pathology  
1364 Clifton Rd NE  
Atlanta, GA 30322-8110  
404 727-4283

*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 315-12-21-012

## Illinois

### Chicago

#### Cook County Hospital Program\*

Cook County Hospital

*Program Director:*

Marc G Reyes, MD  
Cook County Hospital  
Div of Pathology  
627 S Wood Rm 407  
Chicago, IL 60612-9985  
312 633-7175

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 315-16-21-074

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Robert L Wollmann, MD  
University of Chicago Hospitals  
5841 S Maryland Ave  
MC3083  
Chicago, IL 60637-1470  
312 702-6166

*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 0)

**Program ID:** 315-16-21-076

## Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago

*Program Director:*

Chinnamma Thomas, MD  
Loyola University Medical Center  
Dept of Pathology (Neuropathology)  
2160 S First Ave  
Maywood, IL 60153  
708 216-5002

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 315-16-21-014

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Michael N Hart, MD  
University of Iowa Hospitals and Clinics  
Dept of Pathology  
105 ML  
Iowa City, IA 52242-1009  
319 335-8242

*Length:* 2 Year(s) *Total Positions:* 9 (GYI: 3)

**Program ID:** 315-18-21-016

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Donald L Price, MD  
The Johns Hopkins University  
School of Medicine Ross 558  
720 Rutland Ave  
Baltimore, MD 21205-2196  
410 955-5632

*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 0)

**Program ID:** 315-23-11-020

## Massachusetts

### Boston

#### Brigham and Women's Hospital Program

Brigham and Women's Hospital  
Children's Hospital

*Program Director:*

William C Schoene, MD  
William J Krupsky, MD  
Brigham and Women's Hospital  
Dept of Pathology  
75 Francis St  
Boston, MA 02115  
617 732-7532

*Length:* 2 Year(s) (GYI: 0)

**Program ID:** 315-24-12-024

## Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

E Tessa Hedley-Whyte, MD  
Massachusetts General Hospital  
Dept of Pathology-Neuropathology  
14 Fruit St  
Boston, MA 02114-2696  
617 726-5154

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 315-24-21-062

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Paul E McKeever, MD PhD  
University of Michigan Medical Center  
M4211 Medical Science I  
1301 Catherine Rd Box 0602  
Ann Arbor, MI 48109-0602  
313 936-1889

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 315-25-21-084

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)

*Program Director:*

Joseph E Parisi, MD  
Mayo Graduate School of Medicine Application  
Processing Ctr  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-3885

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID:** 315-26-21-081

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Hyung D Chung, MD  
Gregg K Edwards, Human Resources Director  
St Louis University Hospital  
PO Box 15250, 3635 Vista at Grand  
St Louis, MO 63110-0250  
314 577-8782

*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 0)

**Program ID:** 315-28-21-079

\* Updated information not provided.



## Washington University Program

Barnes Hospital  
*Program Director:*  
Robert E Schmidt, MD PhD  
Neuropathology  
Barnes Hospital Box 8118  
One Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-7429  
*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 315-28-11-026

## New York

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
*Program Director:*  
Dennis W Dickson, MD  
Asao Hirano, MD  
Albert Einstein College of Medicine  
1300 Morris Park Ave  
Bronx, NY 10461-1602  
718 430-2491  
*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 0)  
*Program ID:* 315-35-21-028

### Brooklyn

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn  
*Program Director:*  
Archinto P Anzil, MD  
Chandrakant Rao, MD  
State University of New York Health Sciences Ctr at  
Brooklyn  
Box 25 450 Clarkson Ave  
Brooklyn, NY 11203  
718 270-1410  
*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 315-35-21-032

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Erie County Medical Center  
*Program Director:*  
Reid R Heffner Jr, MD  
Erie County Medical Center  
462 Grider St  
Buffalo, NY 14215  
716 898-3114  
*Length:* 2 Year(s)  
*Program ID:* 315-35-21-085

## New York

#### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center  
*Program Director:*  
Daniel P Perl, MD  
Mount Sinai Medical Center  
Neuropathology Div  
Annenberg 15-76 Box 1134  
New York, NY 10029  
212 241-7371  
*Length:* 2 Year(s) (GYI: 0)  
*Program ID:* 315-35-31-086

#### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center  
*Program Director:*  
John Pearson, MD  
New York University Medical Center  
Div of Neuropathology  
550 First Ave  
New York, NY 10016  
212 263-6438  
*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 315-35-21-031

#### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York  
*Program Director:*  
James E Goldman, MD PhD  
Columbia University College of Physicians and Surgeons  
Div of Neuropathology  
630 W 168th St  
New York, NY 10032  
212 305-4531  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 315-35-21-029

## Rochester

#### University of Rochester Program\*

Strong Memorial Hospital of the University of Rochester  
*Program Director:*  
James M Powers, MD  
Dept of Pathology & Neurology  
Univ of Rochester Medical Center  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-3202  
*Length:* 2 Year(s)  
*Program ID:* 315-35-11-087

## Stony Brook

#### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook  
Suffolk County Department of Health Services  
Veterans Affairs Medical Center (Northport)  
*Program Director:*  
Nancy Peress, MD  
State University of New York at Stony Brook  
University Hospital  
Dept of Pathology Level 2  
Stony Brook, NY 11794-7025  
516 444-2227  
*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 315-35-21-065

## Syracuse

#### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at  
Syracuse  
*Program Director:*  
George H Collins, MD  
State University of New York Health Science Center  
Dept of Pathology  
Syracuse, NY 13210  
315 464-5170  
*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 315-35-11-034

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
*Program Director:*  
Thomas W Bouldin, MD  
Kinuko I Suzuki, MD  
Department of Pathology  
CB# 7525  
Chapel Hill, NC 27599—752  
919 966-4584  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 315-36-21-060

## Durham

#### Duke University Program

Duke University Medical Center  
*Program Director:*  
Doyle G Graham, MD PhD  
Duke University Medical Center  
Dept of Pathology  
Room M255  
Durham, NC 27710  
919 684-6423  
*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 315-36-11-035

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
*Program Director:*  
Gabrielle M DeCourten-Myers, MD  
University of Cincinnati Medical Center  
Mail Location #533  
Cincinnati, OH 45267-0533  
513 558-7109  
*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 315-38-21-036

\* Updated information not provided.

**Cleveland****Case Western Reserve University Program\***

University Hospitals of Cleveland

*Program Director:*

Pierluigi Gambetti, MD

Uros Roessmann, MD

University Hospitals of Cleveland Department of Pathology

Div of Neuropathology

2085 Adelbert Rd

Cleveland, OH 44106-2602

216 844-1808

*Length:* 2 Year(s) *Total Positions:* 1*Program ID:* 315-38-11-037**Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*

Carl P Boesel, MD

Ohio State University Dept of Pathology

333 West 10th Avenue

4169 Graves Hall

Columbus, OH 43210-1239

614 292-5884

*Length:* 2 Year(s) *Total Positions:* 1*Program ID:* 315-38-21-040**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City

St Anthony Hospital

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Roger A Brumback, MD

Dept of Pathology

PO Box 26801

BMSB 451

Oklahoma City, OK 73190

405 271-2422

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)*Program ID:* 315-39-21-080**Pennsylvania****Philadelphia****University of Pennsylvania Program**

Hospital of the University of Pennsylvania

*Program Director:*

Nicholas K Gonatas, MD

University of Pennsylvania School of Medicine

418 Johnson Pavilion

36th &amp; Hamilton Walk

Philadelphia, PA 19104-6079

215 662-6695

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 315-41-21-041**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh

Children's Hospital of Pittsburgh

Magee-Womens Hospital

Montefiore University Hospital (UPMC)

Presbyterian-University Hospital/UPMC

Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Clayton A Wiley, MD PhD

Presbyterian Hospital

Div of Neuropathology

200 Lothrop St

Pittsburgh, PA 15213-2582

412 647-3745

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 315-41-21-042**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital

*Program Director:*

Edward G Stopa, MD

Rhode Island Hospital

593 Eddy St

Providence, RI 02903

401 444-5155

*Length:* 2 Year(s) *Total Positions:* 1*Program ID:* 315-43-21-043**Tennessee****Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

Veterans Affairs Medical Center (Nashville)

*Program Director:*

William O Whetsell Jr, MD

Vanderbilt Medical Center C-3321 MCN Dept of Pathology

Div of Neuropathology

Garland at 21st Ave S

Nashville, TN 37232-2561

615 322-3998

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)*Program ID:* 315-47-21-073**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School

Dallas County Hospital District-Parkland Memorial

Hospital

Zale-Lipsby University Hospital

*Program Director:*

Charles L White III, MD

University of Texas Southwestern Medical Center

5323 Harry Hines Blvd

Dept of Pathology

Dallas, TX 75235-9072

214 648-2148

*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 0)*Program ID:* 315-48-21-083**Houston****Baylor College of Medicine Program**

Baylor College of Medicine

Harris County Hospital District-Ben Taub General

Hospital

Methodist Hospital

Texas Children's Hospital

Veterans Affairs Medical Center (Houston)

*Program Director:*

Joel B Kirkpatrick, MD

Baylor College of Medicine

Dept of Pathology

One Baylor Plaza

Houston, TX 77030

713 798-4083

*Length:* 2 Year(s) *Total Positions:* 1*Program ID:* 315-48-21-047**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center

Primary Children's Medical Center

Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Jeannette J Townsend, MD

University of Utah Medical Center

50 N Medical Dr

Room A-513

Salt Lake City, UT 84132

801 581-2507

*Length:* 2 Year(s) *Total Positions:* 1*Program ID:* 315-49-21-077**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Scott R Vandenberg, MD PhD

University of Virginia School of Medicine

Div of Neuropathology

Box 214

Charlottesville, VA 22908

804 924-9175

*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 2)*Program ID:* 315-51-21-063**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth

University

Medical College of Virginia Hospitals

*Program Director:*

William I Rosenblum, MD

MCV/Virginia Commonwealth Univ

PO Box 980017

Richmond, VA 23298-0017

804 828-9735

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)*Program ID:* 315-51-11-051

\* Updated information not provided.

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center

*Program Director:*

Ellsworth C Alvord Jr, MD  
University of Washington Medical School  
Div of Neuropathology RJ-05  
1959 NE Pacific St  
Seattle, WA 98195  
206 543-1910

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 315-54-11-052

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

Sydney S Schochet Jr, MD  
West Virginia University  
Robert C Byrd Health Science Center  
Dept of Pathology PO Box 9203  
Morgantown, WV 26506-9203  
304 293-3592

*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 315-55-21-082

## Neuroradiology (Radiology-Diagnostic)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Taher El Gammal, MD  
University of Alabama Hospital  
619 S 19th St  
Birmingham, AL 35233-6830  
205 984-3240

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 423-01-21-001

## Arizona

### Phoenix

#### St Joseph's Hospital and Medical Center Program

St Joseph's Hospital and Medical Center

*Program Director:*

John A Hodak, MD  
Barrow Neurological Institute  
350 W Thomas Rd PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-3430

*Length:* 1 Year(s) *Total Positions:* 8

*Program ID:* 423-03-21-002

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Joachim F Seeger, MD  
Dept of Radiology/Section of Neuroradiology  
Arizona Health Sciences Center  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7368

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 423-03-21-023

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Edgardo Angtuaco, MD  
University Hospital for Medical Sciences  
4301 W Markham #596  
Little Rock, AR 72205  
501 686-6932

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 423-04-21-043

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Anton N Hasso, MD  
Loma Linda University Medical Center  
Neuroradiology B623  
11234 Anderson St  
Loma Linda, CA 92354-2870  
909 824-4394

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 423-05-21-085

### Los Angeles

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Gary R Duckwiler, MD  
UCLA School of Medicine  
B2-188 CHS  
10833 LeConte Ave  
Los Angeles, CA 90024  
213 206-4057

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 423-05-21-081

#### University of Southern California Program

Los Angeles County-USC Medical Center  
Childrens Hospital of Los Angeles

*Program Director:*

Hervey D Segall, MD  
Los Angeles County-USC Medical Center  
1200 N State St  
Box 762  
Los Angeles, CA 90033  
213 226-7425

*Length:* 1 Year(s) *Total Positions:* 5

*Program ID:* 423-05-21-024

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center

*Program Director:*

John R Hesselink, MD  
UCSD Medical Center  
Dept of Radiology 8756  
200 W Arbor Dr  
San Diego, CA 92103-8756  
619 543-3856

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 423-05-21-074**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine

San Francisco General Hospital Medical Center  
San Francisco Magnetic Resonance Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

William P Dillon, MD  
UCSF Department of Radiology  
505 Parnassus Ave L-358  
San Francisco, CA 94143-0628  
415 476-6556

*Length:* 1 Year(s) *Total Positions:* 7**Program ID:** 423-05-21-044**Stanford****Stanford University Program\***

Stanford University Hospital

*Program Director:*

Barton Lane, MD  
Stanford University Medical Center  
S-072  
Stanford, CA 94305  
415 723-7426

*Length:* 1 Year(s)**Program ID:** 423-05-21-075**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

C Mark Mehringer, MD  
Los Angeles-Harbor-UCLA Medical Center  
1000 W Carson St  
PO Box 2910  
Torrance, CA 90509-2910  
310 222-2808

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-05-21-003**Colorado****Denver****University of Colorado Program\***

University of Colorado Health Sciences Center

*Program Director:*

John C Stears, MD  
University of Colorado Health Science Center  
Dept of Radiology  
4200 E Ninth Ave Box A 034  
Denver, CO 80262-0034  
303 270-8874

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-07-21-084**Connecticut****New Haven****Yale-New Haven Medical Center Program\***

Yale-New Haven Hospital

*Program Director:*

Gordon Sze, MD  
Yale University School of Medicine  
333 Cedar St  
New Haven, CT 06510  
203 785-5102

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 423-08-21-025**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital

*Program Director:*

William O Bank, MD  
George Washington University Hospital  
Dept of Radiology  
901 23rd St NW  
Washington, DC 20037  
202 994-8371

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 423-10-21-045**Georgetown University Program\***

Georgetown University Hospital  
Children's National Medical Center  
NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Dieter Schellinger, MD  
Georgetown University Hospital  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 784-3492

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-10-21-026**Florida****Gainesville****University of Florida Program\***

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Ronald G Quisling, MD  
University of Florida  
Box J-374  
J Hillis Miller Health Center  
Gainesville, FL 32610-0374  
904 395-0291

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-11-21-046**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)

*Program Director:*

David A Clayman, MD  
Dept of Neuroradiology  
University Medical Center  
655 Eighth St  
Jacksonville, FL 32209  
904 549-4225

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 423-11-21-092**Miami****University of Miami-Jackson Memorial Medical Center Program\***

University of Miami-Jackson Memorial Medical Center

*Program Director:*

M Judith D Post, MD  
University of Miami-Jackson Memorial Medical Center  
PO Box 016960  
Miami, FL 33101  
305 585-6448

*Length:* 1 Year(s)**Program ID:** 423-11-21-076**Tampa****University of South Florida Program**

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

F Reed Murtagh, MD  
University of South Florida  
12901 N Bruce B Downs Blvd  
Box 17  
Tampa, FL 33612-9413  
813 974-2538

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 423-11-21-027

\* Updated information not provided.

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Grady Memorial Hospital

*Program Director:*

James C Hoffman, MD  
Dept of Radiology Emory University School of Medicine  
1364 Clifton Rd NE  
Atlanta, GA 30322  
404 727-4583

*Length:* 1 Year(s) *Total Positions:* 7  
*Program ID:* 423-12-21-005

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Ramon E Figueroa, MD  
Medical College of Georgia  
1120 15th St  
Augusta, GA 30912-3910  
706 721-2076

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 423-12-21-006

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center  
Northwestern Memorial Hospital

*Program Director:*

Eric J Russell, MD  
Northwestern Memorial Hospital  
Olson Pavilion/Dept of Radiology  
710 N Fairbanks Ct Ste 3420  
Chicago, IL 60611  
312 908-1292

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 423-16-21-072

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Michael S Huckman, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-5781

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 423-16-21-008

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Ruth G Ramsey, MD  
The University of Chicago  
5841 S Maryland Ave  
MC2026  
Chicago, IL 60637-1470  
312 702-6746

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 423-16-21-009

## University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center

*Program Director:*

Masoud Hemmati, MD  
Dept of Diagnostic Radiology  
Michael Reese Hospital  
2929 S Ellis  
Chicago, IL 60616  
312 791-4567

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 423-16-21-007

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago

*Program Director:*

Behrooz Azar-Kia, MD  
Loyola University Medical Center  
Dept of Radiology  
2160 S First Ave  
Maywood, IL 60153  
708 216-5206

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 423-16-21-010

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Richard R Smith, MD  
Indiana University Hospitals  
550 N University Blvd Rm 0279  
Indianapolis, IN 46202-5253  
317 274-1840

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 423-17-21-028

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

William T C Yuh, MD MSEE  
University of Iowa Hospitals and Clinics  
Dept of Radiology  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-1798

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 423-18-21-011

## Maryland

### Baltimore

#### Johns Hopkins University Program\*

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

R Nick Bryan, MD PhD  
Johns Hopkins Hospital  
Meyer 8-140  
600 N Wolfe St  
Baltimore, MD 21205  
310 955-2685

*Length:* 1 Year(s) *Total Positions:* 8  
*Program ID:* 423-23-21-078

#### University of Maryland Program\*

University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Yuji Numaguchi, MD  
University of Maryland Medical Center  
22 S Greene St  
Baltimore, MD 21201-1595  
410 328-3201

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 423-23-21-029

## Massachusetts

### Boston

#### Brigham and Women's Hospital/Harvard Medical School Program

Brigham and Women's Hospital  
Beth Israel Hospital  
Children's Hospital

*Program Director:*

Amir A Zaman, MD  
Patrick Barnes, MD  
Brigham and Women's Hospital  
75 Francis St  
Dept of Radiology  
Boston, MA 02115  
617 732-7260

*Length:* 1 Year(s) *Total Positions:* 6  
*Program ID:* 423-24-21-065

#### Massachusetts General Hospital/Harvard Medical School Program

Massachusetts General Hospital

*Program Director:*

Juan M Taveras, MD  
Massachusetts General Hospital  
Fruit St  
Dept of Radiology  
Boston, MA 02114  
617 726-8344

*Length:* 1 Year(s) *Total Positions:* 8  
*Program ID:* 423-24-21-047

#### Tufts University Program

New England Medical Center Hospitals

*Program Director:*

Samuel M Wolpert, MD  
New England Medical Center Hospitals  
750 Washington St  
Boston, MA 02111  
617 956-6333

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)  
*Program ID:* 423-24-21-073

\* Updated information not provided.

**Burlington****Lahey Clinic Program**

Lahey Clinic

*Program Director:*

Carl A Geyer, MD

Lahey Clinic Medical Center

41 Mall Rd

Burlington, MA 01805

617 273-8170

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 423-24-21-086**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*

Ronald L Ragland, MD

University of Massachusetts Hospital

55 Lake Ave N

Worcester, MA 01655

508 856-5965

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-24-21-048**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

James A Brunberg, MD

University of Michigan Hospitals

1500 E Medical Center Dr

Room B2B311

Ann Arbor, MI 48109-0030

313 936-8872

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 423-25-21-012**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Suresh C Patel, MD

Henry Ford Hospital

Dept of Radiology

2799 W Grand Blvd

Detroit, MI 48202

313 876-1357

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 423-25-21-067**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine

Children's Hospital of Michigan

Harper Hospital

*Program Director:*

Harvey L Wilner, MD

Harper Hospital

3990 John

Detroit, MI 48201

313 745-8411

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)**Program ID:** 423-25-21-066**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

David Wesolowski, MD

William Beaumont Hospital

3601 W 13 Mile Rd

Royal Oak, MI 48073

810 551-2198

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-25-21-050**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School

Hennepin County Medical Center

University of Minnesota Hospital and Clinic

Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Kent B Remley, MD

University of Minnesota Hospital and Clinics

Dept of Radiology

420 Delaware St SE Box 292

Minneapolis, MN 55455

612 626-1963

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-26-21-090**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation

Mayo Clinic (Rochester)

Rochester Methodist Hospital

St Mary's Hospital of Rochester

*Program Director:*

Patrick H Luetmer, MD

MGSM Application Processing Center

Mayo Graduate School of Medicine

200 First St SW

Rochester, MN 55905

507 284-4243

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 423-26-21-013**Missouri****St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine

Cardinal Glennon Children's Hospital

St John's Mercy Medical Center

St Louis University Hospital

*Program Director:*

Carol R Archer, MD

Richard S Levine, MD

Dept of Radiology-St Louis Univ Med Ctr

St Louis University Hospital

3635 Vista at Grand

St Louis, MO 63110-0250

314 577-8025

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 423-26-21-040**Washington University Program\***

Barnes Hospital

Mallinckrodt Institute of Radiology

*Program Director:*

Moktar Gado, MD

Mallinckrodt Institute of Radiology

Dept of Radiology

510 S Kingshighway

St Louis, MO 63110

314 362-5950

*Length:* 1 Year(s)**Program ID:** 423-28-21-079**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine

University Hospital

Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Blaine L Hart, MD

University of New Mexico Health Sciences Center

Dept of Radiology

915 Camino de Salud NE

Albuquerque, NM 87131-5336

505 272-0932

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-34-21-049**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital

*Program Director:*

William A Wagle, MD

Albany Medical Center

Dept of Radiology

43 New Scotland Ave A-113

Albany, NY 12208

518 262-3338

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 423-35-21-014**Bronx****Albert Einstein College of Medicine Program\***

Albert Einstein College of Medicine of Yeshiva University

Montefiore Medical Center-Henry and Lucy Moses

Division

*Program Director:*

Jacqueline A Bello, MD

Montefiore Medical Center

Dept of Radiology

111 E 210th St

Bronx, NY 10467

718 920-4030

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 423-35-21-051

\* Updated information not provided.

## Manhasset

### North Shore University Hospital Program

North Shore University Hospital

*Program Director:*

Roger A Hyman, MD  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030  
516 562-4800

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 423-35-21-015**

## New Hyde Park

### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Queens Hospital Center

*Program Director:*

Mahendra Patel, MD  
Long Island Jewish Medical Center  
Dept of Radiology  
New Hyde Park, NY 11040  
718 470-7175

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 423-35-21-033**

## New York

### Albert Einstein College of Medicine at Beth Israel Medical Center Program

Beth Israel Medical Center

*Program Director:*

Wen C Yang, MD  
Beth Israel Medical Center  
16th St at First Ave  
New York, NY 10003  
212 420-2544

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 423-35-21-030**

### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Michael Sacher, MD  
Mount Sinai Med Ctr/Box 1234  
Dept of Radiology  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-4015

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 423-35-21-034**

### New York Hospital/Cornell Medical Center Program

New York Hospital  
Memorial Sloan-Kettering Cancer Center

*Program Director:*

Robert D Zimmerman, MD  
New York Hospital/Cornell Medical Center  
525 E 68th St  
New York, NY 10021  
212 746-2574

*Length:* 1 Year(s) *Total Positions:* 5

**Program ID: 423-35-21-052**

## New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Irvin I Kricheff, MD  
New York University Medical Center  
560 First Ave  
New York, NY 10016  
212 263-5219

*Length:* 1 Year(s) *Total Positions:* 8

**Program ID: 423-35-21-016**

## Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Alexander G Khandji, MD  
Columbia Presbyterian Medical Center  
Dept of Radiology Neuroradiology  
177 Fort Washington Ave MHB 4-156  
New York, NY 10032  
212 305-7669

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID: 423-35-21-068**

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Leena M Ketonen, MD PhD  
Strong Memorial Hospital Box 648  
601 Elmwood Ave  
Rochester, NY 14642-8648  
716 275-5200

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 423-35-21-031**

## Stony Brook

### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook

*Program Director:*

Clemente T Roque, MD  
University Hospital-SUNY Stony Brook Health Science Center  
Level 4 Rm 092  
Health Sci Ctr  
Stony Brook, NY 11794-8460  
516 444-2484

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 423-35-21-053**

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at Syracuse  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

John J Wasenko, MD  
SUNY Health Science Center at Syracuse  
750 E Adams St  
Syracuse, NY 13210  
315 464-7437

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 423-35-21-032**

## Valhalla

### New York Medical College at Westchester County Medical Center Program

New York Medical College  
Westchester County Medical Center

*Program Director:*

Michael S Tenner, MD  
Westchester County Medical Center  
Dept of Radiology  
Valhalla, NY 10595  
914 285-8546

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 423-35-21-035**

## North Carolina

## Chapel Hill

### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

Mauricio Castillo, MD  
University of North Carolina Hospital  
Dept of Radiology  
3324 Old Infirmery  
Chapel Hill, NC 27599-7510  
919 966-3084

*Length:* 1 Year(s)

**Program ID: 423-36-31-088**

## Durham

### Duke University Program

Duke University Medical Center

*Program Director:*

Robert D Tien, MD MPH  
Duke University Medical Center  
PO Box 3808  
Durham, NC 27710  
919 681-2711

*Length:* 1 Year(s) *Total Positions:* 5

**Program ID: 423-36-21-070**

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Dixon M Moody, MD  
Bowman Gray School of Medicine  
Dept of Radiology  
Medical Center Blvd  
Winston-Salem, NC 27157-1088  
910 716-4525

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID: 423-36-21-080**

## Ohio

## Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

*Program Director:*

Thomas A Tomsick, MD  
University of Cincinnati Hospital  
234 Goodman St  
Cincinnati, OH 45267-0742  
513 558-7544

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID: 423-38-21-082**

\* Updated information not provided.

**Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*  
Charles F Lanzieri, MD  
University Hospitals of Cleveland  
Dept of Radiology  
11100 Euclid Ave  
Cleveland, OH 44106-5000  
216 844-5721

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 423-38-21-017

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*  
Paul M Ruggieri, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave L10  
Dept of Neuroradiology  
Cleveland, OH 44195-5103  
216 444-7035

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 423-38-21-054

**Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*  
Donald W Chakeres, MD  
The Ohio State University  
Dept of Radiology RH-S-209  
450 W Tenth Ave  
Columbus, OH 43210  
614 293-8315

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 423-38-21-018

**Pennsylvania****Philadelphia****MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*  
Beverly L Hershey, MD  
Hahnemann University  
Broad & Vine Sts  
Mail Stop 206  
Philadelphia, PA 19102  
216 762-8752

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 423-41-21-036

**Temple University Program**

Temple University Hospital

*Program Director:*  
Orest B Boyko, MD  
Temple University Hospital  
Broad & Ontario Sts  
Philadelphia, PA 19140  
215 707-4200

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 423-41-21-056

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital  
Children's Hospital of Philadelphia

*Program Director:*  
Carlos F Gonzalez, MD  
Thomas Jefferson University Hospital  
132 S Tenth St Ste 1072  
Main Bldg 10th Fl  
Philadelphia, PA 19107  
215 955-5447

*Length:* 1 Year(s) *Total Positions:* 6  
**Program ID:** 423-41-21-083

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*  
Robert I Grossman, MD  
3400 Spruce St  
Dept of Radiology  
Hosp of the Univ of Pennsylvania  
Philadelphia, PA 19104-4283  
215 662-6865

*Length:* 1 Year(s) *Total Positions:* 8  
**Program ID:** 423-41-21-037

**Pittsburgh****MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital

*Program Director:*  
Ziad L Deeb, MD  
Dept of Radiology  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-4122

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 423-41-21-019

**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*  
Charles A Jungreis, MD  
University of Pittsburgh Medical Center  
Dept of Radiology  
200 Lothrop St  
Pittsburgh, PA 15213  
412 647-3530

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 423-41-21-057

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
MUSC Medical Center

*Program Director:*  
Joseph A Horton, MD  
MUSC Med Ctr  
171 Ashley Ave  
Charleston, SC 29425-2266  
803 792-1524

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 423-45-21-093

**Tennessee****Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*  
Thomas S Dina, MD  
Vanderbilt University Medical Center  
Dept of Radiology  
1161 21st Ave S Rm R-1315 MCN  
Nashville, TN 37232-2675  
615 322-3357

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 423-47-21-058

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial  
Hospital

Zale-Lipshy University Hospital

*Program Director:*  
Phillip Purdy, MD  
University of Texas Southwestern Medical Center  
Radiology Dept  
5323 Harry Hines Blvd  
Dallas, TX 75235-8896  
214 648-3928

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 423-48-21-059

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*  
Faustino C Guinto Jr, MD  
University of Texas Medical Branch  
Dept of Radiology G-09  
Galveston, TX 77555-0709  
409 761-2230

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 423-48-21-020

**Houston****Baylor College of Medicine Program\***

Baylor College of Medicine  
Methodist Hospital

*Program Director:*  
Michel E Mawad, MD  
Baylor College of Medicine  
6565 Fannin MS 033  
Houston, TX 77030  
713 798-4606

*Length:* 1 Year(s)  
**Program ID:** 423-48-21-060

\* Updated information not provided.



### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Joel W Yeakley, MD  
University of Texas Houston Health Science Center  
6431 Fannin 2.100 MSB  
Houston, TX 77030  
713 704-1776

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 423-48-21-041

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L. Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

J Randy Jinkins, MD  
University of Texas Health Science Center  
7703 Floyd Curl Dr  
Radiology-Neuroradiology  
San Antonio, TX 78284-7800  
210 567-6488

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 423-48-21-061

### Utah

#### Salt Lake City

##### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

H Ric Harnsberger, MD  
Dept of Radiology  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7553

*Length:* 1 Year(s) *Total Positions:* 6

**Program ID:** 423-49-21-062

### Virginia

#### Charlottesville

##### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Wayne S Cail, MD  
University of Virginia Hospital  
Dept of Radiology Box 170  
Div of Neuroradiology  
Charlottesville, VA 22908  
804 924-9399

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 423-51-21-063

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Wendy K Smoker, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980615  
Richmond, VA 23298-0615  
804 786-6831

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID:** 423-51-21-021

### Washington

#### Seattle

##### University of Washington Program

University of Washington School of Medicine  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Kenneth R Maravilla, MD  
University of Washington  
Dept of Radiology SB-05  
Seattle, WA 98195  
206 543-3320

*Length:* 1 Year(s) *Total Positions:* 6

**Program ID:** 423-54-21-038

### Wisconsin

#### Madison

##### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

*Program Director:*

Patrick A Turski, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave  
Madison, WI 53792-3252  
608 263-9179

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 423-56-21-022

#### Milwaukee

##### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Froedtert Memorial Lutheran Hospital

*Program Director:*

David L Daniels, MD  
Medical College of Wisconsin-Coyne Clinic  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 259-3122

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 423-56-21-039

## Nuclear Medicine

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Eva V Dubovsky, MD PhD  
Div of Nuclear Medicine  
University of Alabama Hospital  
619 19th Ave S  
Birmingham, AL 35233-6835  
205 934-2140

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 200-01-21-007

### Arizona

#### Tucson

##### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

James M Woolfenden, MD  
University of Arizona Health Sciences Center  
Div of Nuclear Medicine  
1501 N Campbell Ave  
Tucson, AZ 85724-0001  
602 626-7709

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-03-21-008

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Teresita L Angtuaco, MD  
Slot 581 UAMS  
4301 W Markham St  
Little Rock, AR 72205-7199  
501 686-6652

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-04-21-009

\* Updated information not provided.

**California****Long Beach****Veterans Affairs Medical Center (Long Beach) Program**

Veterans Affairs Medical Center (Long Beach)  
University of California (Irvine) Medical Center

*Program Director:*

Kenneth P Lyons, MD  
Philip Braunstein, MD  
Veterans Administration Med Ctr  
5901 E Seventh St  
Long Beach, CA 90822  
310 494-5566

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-05-31-012

**Los Angeles****Cedars-Sinai Medical Center Program**

Cedars-Sinai Medical Center

*Program Director:*

Daniel S Berman, MD  
Cedars-Sinai Medical Center  
8700 Beverly Blvd  
Los Angeles, CA 90048  
310 855-3061

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-05-21-089

**UCLA Medical Center Program**

UCLA School of Medicine

UCLA Medical Center

*Program Director:*

Carl K Hoh, MD  
Div of Nuclear Med and Biophysics  
UCLA Schl of Med Rm AR-128 CHS  
10833 Le Conte Ave  
Los Angeles, CA 90024-6942  
310 794-7631

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 200-05-11-013

**University of Southern California Program**

Los Angeles County-USC Medical Center

*Program Director:*

Michael E Siegel, MD  
Los Angeles County-USC Medical Center  
Dept of Nuclear Medicine  
1200 N State St  
Los Angeles, CA 90033  
213 226-7858

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 200-05-21-105

**Veterans Affairs Medical Center (West Los Angeles) Program**

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

William H Bland, MD  
Nuclear Medicine Service  
West Los Angeles VA Medical Center  
11301 Wilshire Blvd  
Los Angeles, CA 90073  
310 824-3130

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 200-05-31-014

**Los Angeles (Sepulveda)****Veterans Affairs Medical Center (Sepulveda) Program**

Veterans Affairs Medical Center (Sepulveda)

*Program Director:*

Marvin B Cohen, MD  
Roger Sevrin, MD  
Veterans Administration Medical Center  
Nuclear Medicine Service (115)  
16111 Plummer St  
Sepulveda, CA 91343-2036  
818 895-9332

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-05-31-017

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

David K Shelton, MD  
University of California (Davis) Medical Center  
2315 Stockton Blvd  
Nuclear Medicine Rm G-202  
Sacramento, CA 95817-2282  
916 734-2754

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-05-21-010

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center

Veterans Affairs Medical Center (San Diego)

*Program Director:*

David W Yeung, MB BS  
UCSD Nuclear Medicine 8758  
200 W Arbor Dr  
San Diego, CA 92103-8758  
619 543-6682

*Length:* 2 Year(s) *Total Positions:* 22

**Program ID:** 200-05-31-015

**San Francisco****University of California (San Francisco) Program\***

University of California (San Francisco) School of

Medicine

University of California (San Francisco) Medical Center

*Program Director:*

David C Price, MD  
University of California (San Francisco)  
Nuclear Medicine Room L-340  
Third & Parnassus Aves Box 0252  
San Francisco, CA 94143-0252  
415 476-1521

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 200-05-21-016

**University of California (San Francisco)/San Francisco General Program\***

University of California (San Francisco) School of

Medicine

San Francisco General Hospital Medical Center

*Program Director:*

Robert J Lull, MD  
San Francisco Gen Hosp Med Ctr Dept of Nuclear Med  
Bldg NH Rm G100  
1001 Potrero Ave  
San Francisco, CA 94110  
415 821-8580

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-05-21-086

**Stanford****Stanford University Program\***

Stanford University Hospital

Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

I Ross McDougall, MD  
Stanford University Medical Center  
Div of Nuclear Medicine  
H-0115  
Stanford, CA 94305-5281  
415 723-6882

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 200-05-21-018

**Colorado****Aurora****Fitzsimons Army Medical Center Program**

Fitzsimons Army Medical Center

*Program Director:*

Mike McBiles, MD  
Fitzsimons Army Medical Center  
Nuclear Medicine Service  
Aurora, CO 80045-5001  
303 361-8510

*Length:* 2 Year(s)

**Program ID:** 200-07-21-110

**Denver****University of Colorado Program**

University of Colorado Health Sciences Center

Veterans Affairs Medical Center (Denver)

*Program Director:*

James L Lear, MD  
University of Colorado Health Sciences Center  
4200 E Ninth Ave  
Box A-034  
Denver, CO 80262  
303 270-7801

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 200-07-21-108

**Connecticut****Farmington****University of Connecticut (Danbury) Program\***

University of Connecticut School of Medicine

Danbury Hospital

*Program Director:*

Shiv M Gupta, MD  
Nuclear Medicine  
Danbury Hospital  
24 Hospital Ave  
Danbury, CT 06810  
203 797-7222

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-08-21-103

\* Updated information not provided.

## Accredited Programs in Nuclear Medicine

### University of Connecticut Program

University of Connecticut School of Medicine  
Hartford Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey  
Hospital  
Veterans Affairs Medical Center (Newington)

*Program Director:*

Richard P Spencer, MD  
University of Connecticut Health Center  
Farmington Ave  
Farmington, CT 06030-2804  
203 679-3120

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 200-08-21-020

### New Haven

#### Yale-New Haven Medical Center Program\*

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Paul B Hoffer, MD  
Yale University School of Medicine  
Dept of Nuclear Medicine  
333 Cedar St TE-2  
New Haven, CT 06510  
203 785-2384

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 200-08-11-021

### District of Columbia

#### Washington

##### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Vijay M Varma, MD  
George Washington University Hospital  
901 23rd St NW  
Washington, DC 20037  
202 994-3814

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-10-22-024

##### Georgetown University Program

Georgetown University Hospital

*Program Director:*

Harvey A Ziessman, MD  
Div of Nuclear Medicine  
Georgetown University Hospital  
3800 Reservoir Rd NW #2005 Gorman  
Washington, DC 20007  
202 784-3360

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-10-21-023

##### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Ana A Rodriguez, MD  
Nuclear Medicine Serv  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-0176

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 200-10-12-002

### Florida

#### Gainesville

##### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Walter E Drane, MD  
University of Florida  
Dept of Radiology  
Box J-374 JHMHC  
Gainesville, FL 32610  
904 395-0291

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-11-21-113

#### Miami

##### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center

*Program Director:*

George N Sfakianakis, MD  
Jackson Memorial Hospital Div of Nuclear Medicine  
1611 NW 12th Ave  
Miami, FL 33101  
305 549-7955

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 200-11-21-087

### Georgia

#### Atlanta

##### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital

*Program Director:*

John P Vansant, MD  
Andrew Taylor Jr, MD  
Emory University School of Medicine  
Div of Nuclear Medicine  
1364 Clifton Rd NE  
Atlanta, GA 30322  
404 727-4843

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 200-12-21-083

### Illinois

#### Chicago

##### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital

*Program Director:*

William G Spies, MD  
Northwestern Memorial Hosp Nuclear Med W-484  
250 E Superior St  
Chicago, IL 60611  
312 808-2514

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 200-16-31-026

##### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Ernest W Fordham, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-5757

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 200-16-11-027

##### University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center

*Program Director:*

Carlos Bekerman, MD  
Michael Reese Hospital  
Division of Nuclear Medicine MR-2  
2929 S Ellis Ave  
Chicago, IL 60616  
312 791-2525

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-16-11-025

### Maywood

##### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Robert E Henkin, MD  
Foster G McGaw Hospital  
Loyola University of Chicago  
2160 S First Ave  
Maywood, IL 60153  
708 261-3779

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 200-16-21-101

### Indiana

#### Indianapolis

##### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Henry N Wellman, MD  
Indiana University Medical UH 0663  
550 N University Blvd  
Indianapolis, IN 46202-5253  
317 274-8832

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 200-17-21-093

\* Updated information not provided.

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Peter T Kirchner, MD  
University of Iowa Hospitals and Clinics  
Dept of Radiology  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-4302

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 200-18-21-030

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Kirkman G Baxter, MD  
University of Kansas Medical Center  
Div of Nuclear Medicine  
3901 Rainbow Blvd  
Kansas City, KS 66160-7234  
913 588-6810

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-19-11-031

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Gary R Conrad, MD  
Univ of Kentucky Chandler Medical Center  
Dept of Diagnostic Radiology  
800 Rose St  
Lexington, KY 40536-0084  
606 323-6585

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 200-20-21-033

**Maryland****Baltimore****Johns Hopkins University Program\***

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Samuel Sostre, MD  
Johns Hopkins Medical Institutions  
600 N Wolfe St  
Baltimore, MD 21287  
410 955-8448

*Length:* 2 Year(s)

**Program ID:** 200-23-11-035

**Bethesda****National Naval Medical Center (Bethesda) Program**

National Naval Medical Center (Bethesda)

*Program Director:*

Eugene D Silverman, MD  
National Naval Medical Center  
Dept of Nuclear Medicine  
8901 Wisconsin Ave  
Bethesda, MD 20889-5011  
301 295-4981

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-23-21-004

**Massachusetts****Boston****Harvard Medical School Program**

Brigham and Women's Hospital  
Beth Israel Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center  
Children's Hospital  
Dana-Farber Cancer Institute

*Program Director:*

S James Adelstein, MD PhD  
Harvard Medical School  
Parcel B First Fl  
25 Shattuck St  
Boston, MA 02115  
617 432-1535

*Length:* 2 Year(s) *Total Positions:* 7

**Program ID:** 200-24-21-038

**Massachusetts General Hospital Program\***

Massachusetts General Hospital

*Program Director:*

Alan J Fischman, MD  
Massachusetts General Hospital  
Fruit St  
Boston, MA 02114  
617 726-8782

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 200-24-21-091

**Michigan****Ann Arbor****University of Michigan Program\***

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

David E Kuhl, MD  
University of Michigan Hospitals B1G 412 Box 0028  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0028  
313 936-5388

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 200-25-11-039

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Kastytis C Karvelis, MD  
Henry Ford Hospital  
Nuclear Medicine  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-3436

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-25-21-106

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Howard J Dworkin, MD  
William Beaumont Hospital  
Dept of Nuclear Med  
3601 W Thirteen Mile Rd  
Royal Oak, MI 48073-6769  
810 551-4128

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 200-25-11-040

**Minnesota****Minneapolis****University of Minnesota Program\***

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Robert J Boudreau, MD PhD  
University of Minnesota  
Div of Nuclear Medicine  
Box 382 UMHC  
Minneapolis, MN 55455  
612 626-5912

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 200-26-31-041

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Amolak Singh, MD  
University Hospital and Clinics  
One Hospital Dr  
Radiology DC069.10  
Columbia, MO 65212  
314 882-7955

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 200-28-21-094

\* Updated information not provided.

## St Louis

### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*  
James L Littlefield, MD  
St Louis VA Hospital  
Nuclear Medicine Service - 115  
915 N Grand Blvd  
St Louis, MO 63106-1697  
314 289-6348

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-28-21-042

### Washington University Program

Barnes Hospital  
*Program Director:*  
Barry A Siegel, MD  
Div of Nuclear Med  
Mallinckrodt Institute of Radiology  
510 S Kingshighway  
St Louis, MO 63110-1076  
314 362-2809

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 200-28-11-043

## Nebraska

### Omaha

#### University of Nebraska Program

University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*  
Katherine A Harrison, MD  
Dept of Radiology Section of Nuclear Medicine  
Univ of Nebraska Medical Center  
600 S 42nd St  
Omaha, NE 68198-1045  
402 559-6188

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 200-30-11-044

## New York

### Bronx

#### Albert Einstein College of Medicine Program\*

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital

*Program Director:*  
David M Milstein, MD  
Albert Einstein College of Medicine  
1300 Morris Park Ave  
Bronx, NY 10461  
718 904-4011

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 200-35-21-047

## Brooklyn

### Veterans Affairs Medical Center (Brooklyn) Program\*

Veterans Affairs Medical Center (Brooklyn)  
*Program Director:*  
Morely L Maayan, MD PhD  
Veterans Administration Medical Center  
800 Poly Pl  
Brooklyn, NY 11209  
718 630-3575

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-35-31-055

## Buffalo

### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Mercy Hospital of Buffalo  
Roswell Park Cancer Institute  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*  
Joseph A Prezio, MD  
105 Parker Hall  
3435 Main St  
Buffalo, NY 14214  
716 838-5889

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 200-35-21-046

## Manhasset

### North Shore University Hospital Program

North Shore University Hospital  
*Program Director:*  
Donald Margouloff, MD  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030  
516 562-4400

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-35-21-102

## New Hyde Park

### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
*Program Director:*  
Christopher J Palestro, MD  
Long Island Jewish Medical Center  
Div of Nuclear Medicine  
New Hyde Park, NY 11042  
718 470-7080

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 200-35-11-049

## New York

### Memorial Sloan-Kettering Cancer Center Program

Memorial Sloan-Kettering Cancer Center  
*Program Director:*  
Stanley J Goldsmith, MD  
Memorial Sloan-Kettering Cancer Center  
Nuclear Medicine Ser  
1275 York Ave  
New York, NY 10021  
212 639-7373

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 200-35-11-050

## Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*  
Josef Machac, MD  
Mount Sinai Medical Center  
One Gustave L Levy Pl  
Box 1141  
New York, NY 10029-6574  
212 241-7888

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 200-35-21-051

### New York Hospital/Cornell Medical Center Program

New York Hospital  
*Program Director:*  
Barbara L Binkert, MD  
Div of Nuclear Medicine Rm ST221  
New York Hospital  
525 E 68th St  
New York, NY 10021  
212 746-4586

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-35-11-052

### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*  
Ronald L Van Heertum, MD  
Presbyterian Hospital in the City of New York  
Milstein Hospital Bldg 2-131  
177 Fort Washington Ave  
New York, NY 10032  
212 305-7132

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-35-21-099

### St Luke's-Roosevelt Hospital Center Program

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
Gordon Depuey, MD  
St Luke's-Roosevelt Hospital Center  
Amsterdam Ave at 114th St  
New York, NY 10025  
212 523-3398

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-35-11-084

## Northport

### Veterans Affairs Medical Center (Northport) Program\*

Veterans Affairs Medical Center (Northport)  
South Nassau Communities Hospital  
University Hospital-SUNY at Stony Brook

*Program Director:*  
Mohamed A Antar, MD  
Veterans Affairs Medical Center  
Middleville Rd  
Northport, NY 11768  
516 261-4400

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 200-35-21-056

\* Updated information not provided.

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Robert E O'Mara, MD  
 Strong Memorial Hospital  
 Div of Nuclear Medicine  
 601 Elmwood Ave Box 620  
 Rochester, NY 14642  
 716 275-4741

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 200-35-11-057**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

*Program Director:*

F Deaver Thomas, MD  
 SUNY Hlth Sci Ctr at Syracuse  
 University Hosp  
 750 E Adams St  
 Syracuse, NY 13210  
 315 464-7031

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 200-35-11-058**Valhalla****New York Medical College at St Vincent's Hospital and Medical Center of New York Program**New York Medical College  
St Vincent's Hospital and Medical Center of New York*Program Director:*

Hussein M Abdel-Dayem, MD  
 St Vincent's Hospital and Med Ctr of New York  
 Dept of Nuclear Medicine  
 153 W 11th St  
 New York, NY 10011  
 212 604-8782

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 200-35-12-054**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

William H McCartney, MD  
 CB 7510 Old Clinic Bldg  
 Chapel Hill, NC 27599-7510  
 919 966-4384

*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 200-36-21-114**Durham****Duke University Program**Duke University Medical Center  
Veterans Affairs Medical Center (Durham)*Program Director:*

R Edward Coleman, MD  
 Duke Univ Med Ctr Sect of Nuclear Med  
 Div of Imaging Dept of Radiology  
 Box 3949  
 Durham, NC 27710  
 919 660-2711

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 200-36-21-060**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

Robert J Cowan, MD  
 North Carolina Baptist Hospital  
 Dept of Nuclear Medicine  
 Medical Center Blvd  
 Winston-Salem, NC 27157-1088  
 910 716-4932

*Length:* 2 Year(s)**Program ID:** 200-36-11-061**Ohio****Cincinnati****Christ Hospital Program\***

Christ Hospital

*Program Director:*

Paul Ramsingh, MD  
 Dept of Nuclear Med  
 2139 Auburn Ave  
 Cincinnati, OH 45219  
 513 369-1146

*Length:* 2 Year(s)**Program ID:** 200-38-21-112**University of Cincinnati Hospital Group Program**University of Cincinnati Hospital  
Children's Hospital Medical Center  
Jewish Hospital of Cincinnati*Program Director:*

Edward B Silberstein, MD  
 University of Cincinnati Hosp  
 Saenger Radioisotope Lab  
 PO Box 670577  
 Cincinnati, OH 45267-0577  
 513 558-9032

*Length:* 2 Year(s)**Program ID:** 200-38-21-062**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City

Children's Hospital of Oklahoma

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

E William Allen, MD  
 University Hospital  
 Nuclear Medicine Ser  
 PO Box 26307  
 Oklahoma City, OK 73126  
 405 271-5141

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 200-39-21-064**Oregon****Portland****Oregon Health Sciences University Program**Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)*Program Director:*

Jerry V Glowniak, MD  
 Veterans Affairs Medical Center (115)  
 PO Box 1034  
 3710 SW US Veterans Hosp Rd  
 Portland, OR 97207  
 503 273-5023

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 200-40-21-065**Pennsylvania****Philadelphia****MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*

Simin Dadparvar, MD  
 Hahnemann University Division of Nuclear Medicine  
 Broad & Vine Sts  
 Mail Stop #309  
 Philadelphia, PA 19102-1192  
 215 762-7678

*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 200-41-11-066**Temple University Program**

Temple University Hospital

*Program Director:*

Alan H Maurer, MD  
 Temple University Hospital  
 3401 N Broad St  
 Philadelphia, PA 19140  
 215 707-8269

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 200-41-11-088**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Chan H Park, MD  
 Thomas Jefferson University Hospital  
 111 11th St  
 8100 Gibbon Bldg  
 Philadelphia, PA 19107  
 215 955-1911

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 200-41-21-100**University of Pennsylvania Program**Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Graduate Hospital  
Veterans Affairs Medical Center (Philadelphia)*Program Director:*

Abass Alavi, MD  
 Div of Nuclear Medicine  
 Hosp of the Univ of Pennsylvania  
 3400 Spruce St  
 Philadelphia, PA 19104  
 215 662-3069

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 200-41-21-067

\* Updated information not provided.

## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Ajit N Shah, MD  
Nuclear Med  
Presbyterian University Hospital  
Desoto at O'Hara Sts  
Pittsburgh, PA 15213  
412 647-7291

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 200-41-21-104

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Frieda Silva De Roldan, MD  
University of Puerto Rico Medical Sciences Campus  
GPO Box 5067  
San Juan, PR 00936  
809 767-0382

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 200-42-21-069

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Kenneth M Spicer, MD PhD  
Medical University of South Carolina  
Div of Nuclear Medicine  
171 Ashley Ave  
Charleston, SC 29425  
803 792-7179

*Length:* 2 Year(s)

*Program ID:* 200-45-21-070

## Tennessee

### Knoxville

#### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

Karl F Hubner, MD  
The University of Tennessee  
Grad School of Medicine  
1924 Alcoa Hwy  
Knoxville, TN 37920-6999  
615 544-9662

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 200-47-21-109

## Nashville

### Vanderbilt University Program

Vanderbilt University Medical Center  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Dominique Delbeke, MD  
Vanderbilt University  
Dept of Nuclear Medicine  
CCC-1108 MCN  
Nashville, TN 37232-2675  
615 343-3585

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 200-47-21-072

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

William A Erdman, MD  
University of Texas Southwestern Medical School  
Dept of Radiology  
5323 Harry Hines Blvd  
Dallas, TX 75235-9071  
214 590-6397

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 200-48-21-073

### El Paso

#### William Beaumont Army Medical Center Program

William Beaumont Army Medical Center

*Program Director:*

Ltc Albert J Moreno, MD  
William Beaumont Army Medical Center  
Nuclear Medicine Service  
El Paso, TX 79920-5001  
915 569-2656

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 200-48-12-003

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Javier Villanueva-Meyer, MD  
University of Texas Medical Branch Hospitals  
Section of Nuclear Medicine  
301 University Blvd  
Galveston, TX 77555-0793  
409 772-2921

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 200-48-11-074

## Houston

### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
St Luke's Episcopal Hospital  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Warren H Moore, MD  
Baylor College of Medicine  
Dept of Radiology Nuclear Medicine  
One Baylor Plaza  
Houston, TX 77030  
713 791-3126

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 200-48-21-075

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
University Hospital-South Texas Medical Center  
Wilford Hall USAF Medical Center (SG)

*Program Director:*

Ralph Blumhardt, MD  
Fred L Weiland, MD  
University of Texas Health Science Center  
Nuclear Medicine  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7800  
210 567-5600

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 200-48-31-085

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Frederick L Datz, MD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-2716

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 200-49-21-107

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Charles D Teates, MD  
University of Virginia Health Science Center  
Box 486  
Charlottesville, VA 22908  
804 924-5201

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 200-51-21-111

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*  
Timothy S Burke, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980001  
Richmond, VA 23298-0001  
804 828-8263  
*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 200-51-21-077

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*  
Wil B Nelp, MD  
University of Washington  
Div of Nuclear Medicine RC-70  
Seattle, WA 98195  
206 548-4240  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 200-54-21-078

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*  
Scott B Perlman, MD  
Univ of Wisconsin Hospital and Clinics  
Dept of Nuclear Medicine  
600 Highland Ave  
Madison, WI 53792-3252  
608 263-5306  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-56-21-079

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*  
Arthur Z Krasnow, MD  
Milwaukee Cnty Med Complex Div of Nuclear Med  
8700 W Wisconsin Ave  
Box 104  
Milwaukee, WI 53226  
414 777-3774  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 200-56-21-080

**St Luke's Medical Center Program**

St Luke's Medical Center  
*Program Director:*  
David L Yuille, MD  
St Luke's Medical Center  
2900 W Oklahoma Ave  
Milwaukee, WI 53215  
414 649-6418  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 200-56-12-081

**Nuclear Radiology  
(Radiology-Diagnostic)****Arizona****Tucson****University of Arizona Program**

University of Arizona College of Medicine  
University Medical Center  
*Program Director:*  
James M Woolfenden, MD  
Univ of Arizona Health Sciences Center Div of Nuclear  
Med  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7709  
*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 425-03-21-011

**Connecticut****New Haven****Yale-New Haven Medical Center  
Program\***

Yale-New Haven Hospital  
*Program Director:*  
Paul B Hoffer, MD  
Yale University School of Medicine TE-2  
333 Cedar St  
New Haven, CT 06510  
203 785-2384  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 425-03-11-002

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)  
*Program Director:*  
Walter E Drane, MD  
University of Florida  
Dept of Radiology  
PO Box 100374  
Gainesville, FL 32610-0374  
904 395-0291  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 425-11-21-058

\* Updated information not provided.



## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital

*Program Director:*

Johnathan P Vansant, MD  
Andrew Taylor, MD  
Emory University School of Medicine  
Div of Nuclear Medicine  
1364 Clifton Rd NE  
Atlanta, GA 30322  
404 727-4843

*Length:* 1 Year(s) *Total Positions:* 5  
*Program ID:* 425-12-21-056

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital

*Program Director:*

William G Spies, MD  
Northwestern Memorial Hospital  
Dept of Nuclear Medicine  
250 E Superior  
Chicago, IL 60611  
312 908-2514

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)  
*Program ID:* 425-16-21-052

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Ernest W Fordham, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-5757

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 425-16-21-049

#### University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center

*Program Director:*

Carlos Bekerman, MD  
Michael Reese Hospital  
Div of Nuclear Medicine  
2929 S Ellis  
Chicago, IL 60616  
312 791-2525

*Length:* 1 Year(s) (GYI: 0)  
*Program ID:* 425-16-12-003

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Peter T Kirchner, MD  
Yutaka Sato, MD  
University of Iowa Hospitals and Clinics  
Training in Nuclear Radiology  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-4302

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 425-18-21-050

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Kirkman G Baxter, MD  
University of Kansas Medical Center  
Div of Nuclear Medicine  
3901 Rainbow Blvd  
Kansas City, KS 66160-7234  
913 588-6810

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 425-19-11-015

## Maryland

### Baltimore

#### Johns Hopkins University Program\*

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Samuel Sostre, MD  
Johns Hopkins Hospital  
Div of Nuclear Radiology  
601 N Broadway  
Baltimore, MD 21205  
301 955-3350

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 425-23-21-004

## Massachusetts

### Boston

#### Brigham and Women's Hospital/Harvard Medical School Program\*

Brigham and Women's Hospital  
Children's Hospital

*Program Director:*

James S Nagel, MD  
Dept of Radiology  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-6290

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 425-24-21-036

#### New England Deaconess Hospital/Harvard Medical School Program

New England Deaconess Hospital

*Program Director:*

Thomas C Hill, MD  
Deaconess Hospital  
One Deaconess Rd  
Boston, MA 02215  
617 632-8460

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 425-24-21-045

## Michigan

### Detroit

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital

*Program Director:*

Lawrence P Davis, MD  
Dept of Radiology  
Detroit Receiving Hospital 3L-8  
4201 St Antoine  
Detroit, MI 48201  
313 745-3430

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 425-25-21-041

### Royal Oak

#### William Beaumont Hospital Program

William Beaumont Hospital

*Program Director:*

Howard J Dworkin, MD  
Jalil Farah, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-4128

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 425-25-21-018

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)

*Program Director:*

Lee A Forstrom, MD PhD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-4104

*Total Positions:* 1 (GYI: 0)  
*Program ID:* 425-26-21-019

\* Updated information not provided.

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Amolak Singh, MD  
University Hospital & Clinics  
Radiology DC069.10  
One Hospital Dr  
Columbia, MO 65212  
314 882-7955

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID:** 425-28-21-020

**St Louis****Washington University Program**

Barnes Hospital  
Mallinckrodt Institute of Radiology

*Program Director:*

Barry A Siegel, MD  
Mallinckrodt Institute of Radiology  
510 S Kingshighway  
St Louis, MO 63110-1076  
314 362-2809

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)  
**Program ID:** 425-28-11-021

**New Jersey****Livingston****St Barnabas Medical Center Program**

St Barnabas Medical Center

*Program Director:*

Letty G Lutzker, MD  
St Barnabas Medical Center Dept of Radiology  
Old Short Hills Rd  
Livingston, NJ 07039  
201-533-5957

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 425-33-21-037

**New York****Brooklyn****New York Methodist Hospital Program**

New York Methodist Hospital

*Program Director:*

David Chang-Sing Yang, MD  
New York Methodist Hospital  
506 Sixth St  
Brooklyn, NY 11215-3645  
718 780-3884

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 425-35-21-047

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center

*Program Director:*

Peter G Herman, MD  
Long Island Jewish Medical Center  
Dept of Radiology  
New Hyde Park, NY 11042  
718 470-7175

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 425-35-21-055

**New York****New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Joseph Sanger, MD  
New York University Medical Center  
560 First Ave  
New York, NY 10016  
212 263-6373

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 425-35-21-007

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

Ronald L Van Heertum, MD  
Columbia Presbyterian Medical Center  
Milstein Hospital Bldg 2-131  
177 Fort Washington Ave  
New York, NY 10032  
212 305-7132

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 425-35-21-042

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

E Gordon DePuey, MD  
St Luke's-Roosevelt Hospital Center  
Amsterdam Ave at 114th St  
New York, NY 10025  
212 523-3398

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 425-35-21-060

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

*Program Director:*

Mohamed A Antar, MD PhD  
SUNY at Stony Brook Health Sciences Center  
Level 4 Rm 092  
Stony Brook, NY 11794-8460  
516 444-8031

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 425-35-21-044

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

*Program Director:*

F Deaver Thomas, MD  
SUNY Health Science Center at Syracuse  
750 E Adams St  
Syracuse, NY 13210  
315 464-7031

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID:** 425-35-21-008

**Valhalla****New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

Hussein M Abdel-Dayem, MD  
St Vincent's Hospital & Medical Center of New York  
153 W 11th St Cronin #345  
New York, NY 10011  
212 604-8782

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
**Program ID:** 425-35-12-023

**North Carolina****Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

R Edward Coleman, MD  
Duke University Medical Center Sect of Nuclear Med  
Div of Imaging Dept of Radiology  
Durham, NC 27710  
919 660-2711

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 425-36-21-024

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

Robert J Cowan, MD  
North Carolina Baptist Hospital  
Dept of Radiology  
Medical Center Blvd  
Winston-Salem, NC 27157-1088  
910 716-4932

*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 0)  
**Program ID:** 425-36-21-025

**Pennsylvania****Philadelphia****Temple University Program**

Temple University Hospital

*Program Director:*

Alan H Maurer, MD  
Temple University Hospital  
Broad & Ontario Sts  
Philadelphia, PA 19140  
215 707-8269

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 425-41-21-054

\* Updated information not provided.

## University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Abass Alavi, MD  
Hosp of the Univ of Pennsylvania  
Div of Nuclear Medicine  
3400 Spruce St  
Philadelphia, PA 19104  
215 662-3069

*Length:* 1 Year(s) *Total Positions:* 6  
*Program ID:* 425-41-21-043

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

Veterans Affairs Medical Center (Dallas)

*Program Director:*

William A Erdman, MD  
Univ of Texas Southwestern Medical School  
Dept of Radiology  
5323 Harry Hines Blvd  
Dallas, TX 75235-9071  
214 590-6397

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 425-48-21-027

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Frederick L Datz, MD  
Univ of Utah Health Sciences Center  
1B647 Medical Ctr  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-2716

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 425-49-21-059

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Charles D Teates, MD  
University of Virginia School of Medicine  
Dept of Radiology Box 486  
Charlottesville, VA 22908  
804 924-5201

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 425-51-11-028

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
John L Doyme Hospital

*Program Director:*

Arthur Z Krasnow, MD  
Milwaukee County Medical Complex  
8700 W Wisconsin Ave  
Box 104  
Milwaukee, WI 53226  
414 777-3774

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 425-56-21-051

## Obstetrics and Gynecology

## Alabama

### Birmingham

#### Carraway Methodist Medical Center Program

Carraway Methodist Medical Center  
University of Alabama Hospital

*Program Director:*

Charles M Tyndal, MD  
Carraway Methodist Medical Center  
1600 Carraway Blvd  
Birmingham, AL 35234  
205 226-6295

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-01-31-017

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Cooper Green Hospital

*Program Director:*

Benjamin Younger, MD  
University of Alabama Dept of OB/GYN  
Old Hillman Bldg Rm 547  
618 S 20th St  
Birmingham, AL 35233-7333  
205 934-5631

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
*Program ID:* 220-01-11-018

## Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Ian H Thorneycroft, MD  
University of South Alabama  
Dept of OB/GYN  
2451 Fillingim St  
Mobile, AL 36617  
205 471-7943

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 4)  
*Program ID:* 220-01-21-020

## Arizona

### Phoenix

#### Good Samaritan Regional Medical Center Program

Good Samaritan Regional Medical Center

*Program Director:*

John H Mattox, MD  
Good Samaritan Regional Medical Center  
Dept of Obstetrics and Gynecology  
1111 E McDowell Rd  
Phoenix, AZ 85006-2989  
602 239-4344

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Program ID:* 220-03-21-024

\* Updated information not provided.

**Phoenix Hospitals Program**

Maricopa Medical Center  
St Joseph's Hospital and Medical Center

*Program Director:*

John V Kelly, MD  
Maricopa Medical Center Dept of Obstetrics/Gynecology  
2601 E Roosevelt St  
Phoenix, AZ 85008  
602 267-5445

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 9)  
*Program ID:* 220-03-21-328

**Tucson****University of Arizona Program**

University of Arizona College of Medicine  
University Medical Center

*Program Director:*

M Wayne Heine, MD  
University of Arizona Health Sciences Center  
Dept of Obstetrics/Gynecology  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-6043

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)  
*Program ID:* 220-03-21-025

**Arkansas****Little Rock****University of Arkansas for Medical Sciences Program**

University of Arkansas College of Medicine  
University Hospital of Arkansas

*Program Director:*

Tim H Parmley, MD  
University of Arkansas for Medical Sciences Campus  
4301 W Markham Slot #518  
Little Rock, AR 72205  
501 686-6118

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 220-04-11-026

**California****Bakersfield****Kern Medical Center Program**

Kern Medical Center

*Program Director:*

Ramchandra R Ayyagari, MD  
Kern Medical Center  
Dept of OB/GYN 4th Fl  
1830 Flower St  
Bakersfield, CA 93305-4197  
805 326-2236

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-05-31-027

**Fresno****University of California (San Francisco)/Fresno Program**

UCSF-Fresno Medical Education Program  
Valley Medical Center of Fresno

*Program Director:*

J Kenneth Cooke, MD  
Valley Medical Center of Fresno  
Dept of OB/GYN  
445 S Cedar Ave  
Fresno, CA 93702  
209 453-5720

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
*Program ID:* 220-05-31-029

**Glendale****Glendale Adventist Medical Center Program**

Glendale Adventist Medical Center  
Loma Linda University Medical Center

*Program Director:*

Hugo D Riffel, MD  
Glendale Adventist Medical Center  
OB/GYN Residency Program  
1509 Wilson Terrace  
Glendale, CA 91206  
818 409-8083

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-05-31-030

**Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Riverside General Hospital-University Medical Center  
San Bernardino County Medical Center

*Program Director:*

Robert J Wagner, MD  
Loma Linda University Medical Center  
Dept of Obstetrics/Gynecology  
PO Box 2000  
Loma Linda, CA 92354  
909 824-4763

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-05-21-329

**Los Angeles****Cedars-Sinai Medical Center Program**

Cedars-Sinai Medical Center

*Program Director:*

Lawrence D Platt, MD  
Cedars-Sinai Medical Center Dept of OB/GYN  
8700 Beverly Blvd  
Rm 1738  
Los Angeles, CA 90048-1869  
310 855-7433

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 6)  
*Program ID:* 220-05-31-034

**Charles R Drew University Program**

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*

Wilburn Duroseu, MD  
Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
213 603-4634

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 8)  
*Program ID:* 220-05-21-037

**UCLA Medical Center Program**

UCLA School of Medicine  
LAC-Olive View Medical Center

*Program Director:*

Roy M Pitkin, MD  
UCLA School of Medicine Dept of OB/GYN  
27-139 CHS  
Los Angeles, CA 90024-1740  
310 206-2056

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 11)  
*Program ID:* 220-05-31-038

**University of Southern California Program**

Los Angeles County-USC Medical Center

*Program Director:*

Daniel R Mishell Jr, MD  
Women's and Children's Hospital  
Rm L1009  
1240 N Mission Rd  
Los Angeles, CA 90033  
213 226-3416

*Length:* 4 Year(s) *Total Positions:* 56 (GYI: 14)  
*Program ID:* 220-05-11-036

**White Memorial Medical Center Program**

White Memorial Medical Center

*Program Director:*

Ronald M Nelson, MD  
White Memorial Medical Center  
1720 Cesar E Chavez Ave  
Los Angeles, CA 90033  
213 260-5810

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-05-21-039

**Oakland****Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Permanente Medical Center (Oakland)

*Program Director:*

Lesley R Levin, MD  
Dept of OB/GYN  
Kaiser Permanente Medical Center  
280 W MacArthur Blvd  
Oakland, CA 94611  
510 596-6126

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-05-12-040

**Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Permanente Medical Center (San Francisco)

*Program Director:*

Ira Golditch, MD  
Dept of Obstetrics/Gynecology  
2200 O'Farrell St  
San Francisco, CA 94115  
415 202-4163

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 220-05-12-045

**Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Permanente Medical Center (Santa Clara)  
Kaiser Permanente Medical Center (Oakland)

*Program Director:*

David K Levin, MD  
Kaiser Permanente Medical Center  
House Staff Office Trailer J #3  
900 Kiely Blvd  
Santa Clara, CA 95051-5386  
408 236-4921

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-05-12-311

\* Updated information not provided.

## Orange

### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center  
*Program Director:*  
Kirk A Keegan Jr, MD  
Univ of California (Irvine) Medical Center Dept of OB/GYN  
101 The City Dr  
Orange, CA 92668  
714 456-6707  
*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
*Program ID:* 220-05-21-031

## Pasadena

### Southern California Kaiser Permanente Medical Care (Los Angeles) Program

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)  
*Program Director:*  
Reva Winkler, MD  
Kaiser Foundation Hospital  
Dept of OB/GYN  
4900 Sunset Blvd 5th Fl  
Los Angeles, CA 90027  
800 541-7946  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Program ID:* 220-05-12-035

## Sacramento

### University of California (Davis) Program

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (Sacramento)  
*Program Director:*  
R Jeffrey Chang, MD  
Dept of OB/GYN  
1621 Alhambra Blvd  
Ste 2500  
Sacramento, CA 95816-7051  
916 734-6930  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 2)  
*Program ID:* 220-05-21-028

## San Diego

### Naval Medical Center (San Diego) Program\*

Naval Medical Center (San Diego)  
*Program Director:*  
Manuel E Rivera-Alsina, MD  
Dept of Obstetrics and Gynecology  
Naval Medical Center  
San Diego, CA 92134-5000  
619 532-7004  
*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 6)  
*Program ID:* 220-05-11-012

### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Kaiser Foundation Hospital (San Diego)  
*Program Director:*  
Robert Resnik, MD  
UCSD Medical Center  
200 W Arbor Dr #8434  
San Diego, CA 92103-8434  
619 543-6922  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Program ID:* 220-05-21-044

## San Francisco

### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine  
California Pacific Medical Center (Pacific Campus)  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
*Program Director:*  
James Goldberg, MD  
Dept of OB/GYN Box 0132  
Rm M-1483  
Univ of California San Francisco  
San Francisco, CA 94143-0132  
415 476-5192  
*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)  
*Program ID:* 220-05-21-047

## San Jose

### Santa Clara Valley Medical Center Program

Santa Clara Valley Medical Center  
*Program Director:*  
Roger A Spencer, MD  
Santa Clara Valley Medical Center  
751 S Bascom Ave  
San Jose, CA 95128  
408 885-5550  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-05-21-333

## Stanford

### Stanford University Program\*

Stanford University Hospital  
*Program Director:*  
Mary Lake Polan, MD  
Stanford University School of Medicine  
Dept of OB/GYN  
Stanford, CA 94305-5317  
415 725-5973  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 220-05-21-048

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center  
*Program Director:*  
Charles R Brinkman III, MD  
Harbor-UCLA Medical Center  
Dept of Obstetrics-Gynecology Box3  
1000 W Carson St Box 2910  
Torrance, CA 90509-2910  
310 222-3561  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-05-21-050

## Travis AFB

### David Grant USAF Medical Center Program

David Grant Medical Center  
*Program Director:*  
Col Raymond L Graham, MD  
60 Medical Group  
101 Bodin Circle  
Dept of OB/GYN (SGHO)  
Travis, CA 94535-1800  
707 423-5331  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-05-21-001

## Colorado

## Denver

### St Joseph Hospital Program

St Joseph Hospital  
*Program Director:*  
Richard Allen, MD  
Saint Joseph Hospital Dept of OB/GYN  
1835 Franklin St  
Denver, CO 80218-1191  
303 837-7596  
*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 5)  
*Program ID:* 220-07-21-051

### University of Colorado Program\*

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Rose Medical Center  
*Program Director:*  
Ronald S Gibbs, MD  
University of Colorado Health Science Center  
4200 E Ninth Ave B-198  
Denver, CO 80262  
303 270-7616  
*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)  
*Program ID:* 220-07-31-052

## Connecticut

## Bridgeport

### Bridgeport Hospital Program

Bridgeport Hospital  
*Program Director:*  
John C G Whetham, MD  
Bridgeport Hospital  
267 Grant St  
Bridgeport, CT 06610-2870  
203 384-3042  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-08-11-054

## Danbury

### Danbury Hospital Program

Danbury Hospital  
*Program Director:*  
Lester Silberman, MD  
Danbury Hospital  
24 Hospital Ave  
Danbury, CT 06810  
203 797-7466  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-08-21-055

## Farmington

### University of Connecticut Program

University of Connecticut School of Medicine  
New Britain General Hospital  
Univ of Connecticut Health Center/John Dempsey Hospital  
*Program Director:*  
John F Rodis, MD  
University of Connecticut Health Center  
Dept of Obstetrics/Gynecology  
263 Farmington Ave  
Farmington, CT 06030-1230  
203 679-2853  
*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)  
*Program ID:* 220-08-21-056

\* Updated information not provided.

**Hartford****Hartford Hospital Program**

Hartford Hospital  
*Program Director:*  
 Stephen L Curry, MD  
 Hartford Hospital Dept of OB/GYN  
 80 Seymour St  
 PO Box 5087  
 Hartford, CT 06102-5087  
 203 545-2795

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 220-08-12-057

**Mount Sinai Hospital Program**

Mount Sinai Hospital  
*Program Director:*  
 Richard J Scotti, MD  
 Mount Sinai Hospital  
 500 Blue Hills Ave  
 Hartford, CT 06112  
 203 286-4944

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 220-08-11-058

**St Francis Hospital and Medical Center Program**

St Francis Hospital and Medical Center  
*Program Director:*  
 John M Gibbons Jr, MD  
 Saint Francis Hospital and Medical Center  
 114 Woodland St  
 Hartford, CT 06105-1299  
 203 548-4456

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-08-11-059

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
 Waterbury Hospital Health Center  
*Program Director:*  
 Frederick Naftolin, MD  
 Yale University School of Medicine  
 Dept of Obstetrics-Gynecology  
 333 Cedar St  
 PO Box 208063 FMB 335  
 New Haven, CT 06520-8063  
 203 785-4003

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 220-08-21-060

**Delaware****Wilmington****The Medical Center of Delaware Program**

The Medical Center of Delaware  
*Program Director:*  
 Charles W Whitney, MD  
 4755 Stanton Ogletown Rd  
 Newark, DE 19718  
 302 733-3339

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-09-11-062

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
 Fairfax Hospital  
 George Washington University Hospital  
 Holy Cross Hospital of Silver Spring

*Program Director:*  
 John W Larsen Jr, MD  
 George Washington University Hospital Dept of OB/GYN  
 2150 Pennsylvania Ave NW  
 Washington, DC 20037  
 202 994-8410

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 0)  
**Program ID:** 220-10-21-064

**Georgetown University Program**

Georgetown University Hospital  
 Arlington Hospital  
 District of Columbia General Hospital

*Program Director:*  
 Anthony R Scialli, MD  
 Georgetown University hospital  
 Dept of OB/GYN  
 3800 Reservoir Rd NW 3 PHC  
 Washington, DC 20007-2197  
 202 687-8533

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 220-10-21-063

**Howard University Program**

Howard University Hospital  
 District of Columbia General Hospital

*Program Director:*  
 Newton G Osborne, MD PhD  
 Howard University Hospital  
 Dept of OB/GYN  
 2041 Georgia Ave NW  
 Washington, DC 20060  
 202 865-4162

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 220-10-21-065

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center  
*Program Director:*  
 John R Caughron, MD  
 Walter Reed Army Medical Center  
 Dept of OB/GYN  
 6825 Georgia Ave NW  
 Washington, DC 20307-5001  
 202 576-1129

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)  
**Program ID:** 220-10-21-006

**Washington Hospital Center Program**

Washington Hospital Center  
*Program Director:*  
 Phillip J Goldstein, MD  
 Washington Hospital Center  
 110 Irving St NW Ste 5 B-63  
 Washington, DC 20010-2975  
 202 877-6054

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-10-31-067

**Florida****Gainesville****University of Florida College of Medicine (Pensacola) Program**

University of Florida College of Medicine  
 Sacred Heart Hospital of Pensacola  
 Shands Hospital at the University of Florida

*Program Director:*  
 B L Stalaker, MD  
 University of Florida College of Medicine  
 Dept of OB/GYN  
 5045 Carpenter Creek Dr  
 Pensacola, FL 32503-2521  
 904 484-9400

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-11-21-073

**University of Florida Program**

University of Florida College of Medicine  
 Shands Hospital at the University of Florida

*Program Director:*  
 W Patrick Duff, MD  
 University of Florida College of Medicine Dept of OB/GYN  
 PO Box 100294  
 1600 SW Archer Rd  
 Gainesville, FL 32610-0294  
 904 392-3222

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 220-11-11-068

**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)

*Program Director:*  
 Robert J Thompson, MD  
 University of Florida Health Science Center Jacksonville  
 653-1 W Eighth St  
 Jacksonville, FL 32209  
 904 549-3109

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 6)  
**Program ID:** 220-11-21-069

**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

*Program Director:*  
 William A Little, MD  
 Jackson Memorial Medical Center  
 1611 NW 12th Ave  
 East Tower Rm 3003  
 Miami, FL 33136  
 305 585-6944

*Length:* 4 Year(s) *Total Positions:* 47 (GYI: 9)  
**Program ID:** 220-11-21-070

**Orlando****Orlando Regional Healthcare System Program**

Orlando Regional Medical Center

*Program Director:*  
 Thomas W Castaldo, MD  
 Orlando Regional Healthcare System  
 105.W Miller St  
 Orlando, FL 32806-2093  
 407 841-5297

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-11-12-072

\* Updated information not provided.

**St Petersburg**

**Bayfront Medical Center Program**

Bayfront Medical Center  
*Program Director:*  
James LaPolla, MD  
Bayfront Medical Center Inc  
500 Seventh St S  
St Petersburg, FL 33701  
813 893-6193  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-11-11-074

**Tampa**

**University of South Florida Program**

University of South Florida College of Medicine  
H Lee Moffitt Cancer Center  
Tampa General Healthcare  
*Program Director:*  
William N Spellacy, MD  
University of South Florida Dept of OB/GYN  
Harbour-Side Medical Tower #500  
Fourth Columbia St  
Tampa, FL 33606  
813 254-7774  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-11-21-075

**Georgia**

**Atlanta**

**Emory University Program**

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
*Program Director:*  
John A Rock, MD  
Dept of OB/GYN  
69 Butler St SE  
Atlanta, GA 30303  
404 616-3540  
*Length:* 4 Year(s) *Total Positions:* 49 (GYI: 13)  
*Program ID:* 220-12-21-076

**Georgia Baptist Medical Center Program**

Georgia Baptist Medical Center  
*Program Director:*  
Steven Lloyd Saltzman, MD  
Georgia Baptist Medical Center  
Dept of OB/GYN  
303 Parkway Dr NE Box 423  
Atlanta, GA 30312  
404 265-4614  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-12-22-077

**Augusta**

**Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
University Hospital  
*Program Director:*  
Robert C Maier, MD  
Medical College of Georgia Hospital and Clinics  
Dept of OB/GYN  
Augusta, GA 30912-3305  
706 721-3591  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)  
*Program ID:* 220-12-21-078

**Macon**

**Mercer University School of Medicine Program**

Medical Center of Central Georgia  
*Program Director:*  
Louis W Goolsby, MD  
792 Pine St  
Macon, GA 31201  
912 633-1056  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-12-11-079

**Savannah**

**Memorial Medical Center Program**

Memorial Medical Center  
*Program Director:*  
John W Goldkrand, MD  
Memorial Medical Center Inc  
PO Box 23089  
Savannah, GA 31403-3089  
912 350-5975  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-12-11-080

**Hawaii**

**Honolulu**

**University of Hawaii Program**

University of Hawaii John A Burns School of Medicine  
Kapiolani Medical Center for Women and Children  
Queen's Medical Center  
*Program Director:*  
Roy T Nakayama, MD  
University of Hawaii  
Dept of OB/GYN  
1319 Punahou St Rm 824  
Honolulu, HI 96826  
808 956-7457  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 6)  
*Program ID:* 220-14-31-081

**Tripler AMC**

**Tripler Army Medical Center Program**

Tripler Army Medical Center  
*Program Director:*  
Eric R Salminen, MD  
Dept of OB/GYN (Attn: HSHK-OB)  
Tripler Army Medical Center  
Honolulu, HI 96859-5000  
808 433-6621  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-14-12-007

**Illinois**

**Chicago**

**Columbus Hospital Program**

Columbus Hospital  
Cabrin Hospital  
*Program Director:*  
Parto Rezai, MD  
Columbus Hospital Dept of OB/GYN  
2520 N Lakeview  
Chicago, IL 60614  
312 883-7323  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-16-21-083

**Cook County Hospital/Chicago Medical School Program\***

Cook County Hospital  
*Program Director:*  
E L Swift, MD  
Cook County Hospital  
1825 W Harrison St  
Chicago, IL 60612  
312 633-8638  
*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 10)  
*Program ID:* 220-16-31-084

**Illinois Masonic Medical Center Program**

Illinois Masonic Medical Center  
*Program Director:*  
John J Barton, MD  
Dept of OB/GYN  
Illinois Masonic Medical Center  
836 Wellington Ave  
Chicago, IL 60657-5193  
312 296-7045  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-16-21-085

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Evanston Hospital  
*Program Director:*  
Sharon L Dooley, MD  
Northwestern University  
Graduate Med Educ  
303 E Chicago Ave #9-332  
Chicago, IL 60611-3008  
312 503-7975  
*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)  
*Program ID:* 220-16-21-089

**Mercy Hospital and Medical Center Program**

Mercy Hospital and Medical Center  
*Program Director:*  
John E Patterson III, MD  
Mercy Hospital and Medical Center  
Stevenson Expwy at King Dr  
Chicago, IL 60616-2477  
312 567-2490  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-16-11-086

**Mount Sinai Hospital Medical Center of Chicago Program**

Mount Sinai Hospital Medical Center of Chicago  
*Program Director:*  
Josef Blankstein, MD  
Mount Sinai Hospital Medical Center of Chicago  
California Ave at 15th St  
Room F-208  
Chicago, IL 60608  
312 257-6459  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
*Program ID:* 220-16-11-088

**Rush Medical College Program**

Rush-Presbyterian-St Luke's Medical Center  
EHS Christ Hospital and Medical Center  
Rush North Shore Medical Center  
*Program Director:*  
Dee E Fenner, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-6724  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 5)  
*Program ID:* 220-16-21-090

\* Updated information not provided.

**St Joseph Hospital and Health Care Center Program**

St Joseph Health Care Centers and Hospital

*Program Director:*

Abdol H Hosseini, MD  
St Joseph Hospital & Health Care Center  
2900 N Lake Shore Dr  
Chicago, IL 60657  
312 665-3132

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)**Program ID:** 220-16-11-091**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

Arthur L Herbst, MD  
University of Chicago Hospitals  
5841 S Maryland Ave  
MC2050  
Chicago, IL 60637-1470  
312 702-6127

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)**Program ID:** 220-16-11-092**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
EHS Christ Hospital and Medical Center  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*

Antonio Scommegna, MD  
University of Illinois Hospital  
Dept of OB/GYN (M/C 808)  
820 S Wood St  
Chicago, IL 60612

312 996-7430

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 10)**Program ID:** 220-16-11-093**Evanston****St Francis Hospital of Evanston Program**

St Francis Hospital of Evanston  
Evanston Hospital

*Program Director:*

John V Knaus, DO  
St Francis Hospital Dept of OB/GYN  
355 N Ridge Ave  
Evanston, IL 60202  
708 495-6353

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)**Program ID:** 220-16-11-094**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
MacNeal Memorial Hospital  
Resurrection Medical Center

*Program Director:*

Gregorio Delgado, MD  
Loyola University Medical Center  
Dept of Obstetrics & Gynecology  
2160 S First Ave  
Maywood, IL 60153  
708 216-3383

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 5)**Program ID:** 220-16-21-095**Park Ridge****Lutheran General Hospital Program**

Lutheran General Hospital

*Program Director:*

James D Keller, MD  
Dept of OB/GYN  
Lutheran General Hospital  
1775 Dempster St  
Park Ridge, IL 60068  
708 696-6994

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 220-16-21-325**Peoria****University of Illinois College of Medicine at Peoria Program**

University of Illinois College of Medicine at Peoria  
St Francis Medical Center

*Program Director:*

Rodney A McLaren, MD  
St Francis Medical Center  
530 NE Glen Oak  
Peoria, IL 61637  
309 655-4163

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)**Program ID:** 220-16-11-096**Springfield****Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

Robert Prentice, MD  
Southern Illinois University Dept of OB/GYN  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-8247

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)**Program ID:** 220-16-21-097**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Richard S Hansell, MD  
Wishard Memorial Hospital  
Dept of OB/GYN F-5  
Indianapolis, IN 46202-2879  
317 630-6594

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)**Program ID:** 220-17-21-099**Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*

J Thomas Benson, MD  
Methodist Hospital of Indiana  
1633 N Capitol Ave Ste #436  
Indianapolis, IN 46202  
317 929-6600

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 4)**Program ID:** 220-17-11-100**St Vincent Hospital and Health Care Center Program\***

St Vincent Hospital and Health Care Center

*Program Director:*

Philip N Eskew Jr, MD  
Raymond D Rice, MD  
St Vincent Hospital and Health Care Center  
Dept of OB/GYN  
8220 Naab Rd #300  
Indianapolis, IN 46260  
317 338-7540

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 3)**Program ID:** 220-17-11-101**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Frank J Zlatnik, MD  
University of Iowa Hospitals and Clinics  
Dept of Obstetrics/Gynecology  
Iowa City, IA 52242-1009  
319 356-3617

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)**Program ID:** 220-18-21-102**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Sebastian Faro, MD PhD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7316  
913 588-6200

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 220-19-11-103**Wichita****University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
Wesley Medical Center

*Program Director:*

Douglas V Horbelt, MD  
Wesley Medical Center  
550 N Hillside  
Wichita, KS 67214  
316 688-3180

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)**Program ID:** 220-19-11-104

\* Updated information not provided.



## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Central Baptist Hospital

*Program Director:*

Frank C Miller, MD  
University of Kentucky Medical Center  
800 Rose St Rm M N 318  
Dept of OB/GYN  
Lexington, KY 40536-0084  
606 323-5345

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Program ID:* 220-20-11-105

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital

*Program Director:*

Stanley A Gall, MD  
Dept of OB/GYN  
University of Louisville  
Louisville, KY 40292  
502 852-5811

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-20-21-106

## Louisiana

### New Orleans

#### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation  
Leonard J Chabert Medical Center

*Program Director:*

Gerald F Joseph Jr, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4155

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 220-21-22-109

#### Louisiana State University Program

Louisiana State University School of Medicine  
Earl K Long Medical Center  
Medical Center of Louisiana at New Orleans-LSU Division  
University Medical Center (Lafayette)

*Program Director:*

Thomas E Elkins, MD  
Dept of OB/GYN Rm 550  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4850

*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 11)  
*Program ID:* 220-21-21-107

### Tulane University Program

Tulane University School of Medicine  
Huey P Long Regional Medical Center  
Medical Center of Louisiana at New Orleans-Tulane  
Division

Tulane University Hospital and Clinics

*Program Director:*

April G O'Quinn, MD  
Dept of Obstetrics-Gynecology  
1430 Tulane Ave Box SL-11  
New Orleans, LA 70112-2699  
504 587-2145

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 9)  
*Program ID:* 220-21-21-108

### Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
E A Conway Medical Center

*Program Director:*

G G Brooks, MD  
Louisiana State University Medical Center Hospital  
Medical Education (OB/GYN)  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-5379

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-21-11-110

## Maine

### Portland

#### Maine Medical Center Program

Maine Medical Center

*Program Director:*

Phillip G Stubblefield, MD  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102  
207 871-2749

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 3)  
*Program ID:* 220-22-11-111

## Maryland

### Baltimore

#### Franklin Square Hospital Center Program

Franklin Square Hospital Center

*Program Director:*

Gerald A Glowacki, MD MBA  
Franklin Square Hospital Center  
Dept of OB/GYN  
9000 Franklin Sq Dr  
Baltimore, MD 21237  
410 682-7061

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
*Program ID:* 220-23-21-112

#### Greater Baltimore Medical Center Program

Greater Baltimore Medical Center  
University of Maryland School of Medicine

*Program Director:*

Alfred E Bent, MD  
Greater Baltimore Medical Center  
6569 N Charles St  
Ste 307  
Baltimore, MD 21204  
410 828-3704

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
*Program ID:* 220-23-31-113

### Harbor Hospital Center Program

Harbor Hospital Center

*Program Director:*

Pedro Arrabal, MD  
Harbor Hosp Center  
3001 S Hanover  
Baltimore, MD 21225  
410 347-3629

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 2)  
*Program ID:* 220-23-11-119

### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*

David C Foster, MD  
The Johns Hopkins Hospital  
600 N Wolfe St  
Harvey 320  
Baltimore, MD 21287-8302  
410 614-0950

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
*Program ID:* 220-23-21-114

### Maryland General Hospital Program

Maryland General Hospital

*Program Director:*

Lennard Herbst, MD  
Maryland General Hospital  
827 Linden Ave  
Baltimore, MD 21201  
410 225-8475

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-23-11-115

### Sinai Hospital of Baltimore Program

Sinai Hospital of Baltimore

*Program Director:*

Samuel Smith, MD  
Sinai Hospital of Baltimore  
Medical Staff/Education Office  
2401 W Belvedere Ave  
Baltimore, MD 21215-5271  
410 578-5522

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 220-23-12-118

### Union Memorial Hospital Program

Union Memorial Hospital

*Program Director:*

Clifford R Wheelless Jr, MD  
Union Memorial Hospital  
201 E University Pkwy  
Baltimore, MD 21218-2683  
410 554-2824

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-23-12-120

### University of Maryland Program\*

University of Maryland Medical System  
Mercy Medical Center

*Program Director:*

Marion C Crenshaw Jr, MD  
University of Maryland Medical System  
22 S Greene St  
Baltimore, MD 21201  
410 328-5966

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-23-21-121

\* Updated information not provided.

**Bethesda****National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)

*Program Director:*

Cynthia I Macri, MD  
 Dept of OB/GYN  
 National Naval Medical Center  
 8901 Wisconsin Ave  
 Bethesda, MD 20889-5600  
 301 295-4390

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 5)**Program ID:** 220-23-21-013**Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*

Henry Klapholz, MD  
 Beth Israel Hospital  
 Harvard Medical School  
 330 Brookline Ave  
 Boston, MA 02215  
 617 735-2285

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)**Program ID:** 220-24-11-123**Boston City Hospital Program\***Boston City Hospital  
Malden Hospital*Program Director:*

Kwabena Kyei-Aboagye, MD  
 Boston City Hospital  
 818 Harrison Ave  
 Boston, MA 02118  
 617 534-5593

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 6)**Program ID:** 220-24-21-124**Brigham and Women's Hospital Program**Brigham and Women's Hospital  
Massachusetts General Hospital*Program Director:*

Robert Barbieri, MD  
 Brigham and Women's Hospital  
 Department of OB/GYN  
 75 Francis St ASBL-3-073  
 Boston, MA 02115  
 617 732-5444

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)**Program ID:** 220-24-11-125**Tufts University Program**New England Medical Center Hospitals  
St Elizabeth's Medical Center of Boston*Program Director:*

Charles Y Kawada, MD  
 New England Medical Center  
 750 Washington St  
 NEMC Box 022  
 Boston, MA 02111  
 617 636-0265

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)**Program ID:** 220-24-21-128**Springfield****Baystate Medical Center Program**

Baystate Medical Center

*Program Director:*

Martin L Gimovsky, MD  
 Baystate Medical Center  
 Dept of OB/GYN  
 759 Chestnut St  
 Springfield, MA 01199  
 413 784-5321

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)**Program ID:** 220-24-12-129**Worcester****University of Massachusetts Medical Center Program\***University of Massachusetts Medical Center  
Medical Center of Central Massachusetts*Program Director:*

Jeffrey Riley, MD  
 University of Massachusetts Medical Center  
 55 Lake Ave N  
 Worcester, MA 01655  
 508 856-3108

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)**Program ID:** 220-24-21-130**Michigan****Ann Arbor****St Joseph Mercy Hospital Program**

St Joseph Mercy Hospital (Catherine McAuley Health System)

University of Michigan Hospitals

*Program Director:*

Jonathan W T Ayers, MD  
 Catherine McAuley Health Center  
 5333 McAuley Dr Ste R-2112  
 Ann Arbor, MI 48106  
 313 712-3968

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 220-25-31-131**University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

Timothy R B Johnson, MD  
 University of Michigan Medical School  
 1500 E Medical Center Dr  
 Dept of OB/GYN  
 Ann Arbor, MI 48109-0718  
 313 764-8123

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)**Program ID:** 220-25-31-132**Dearborn****Oakwood Hospital Program**

Oakwood Hospital

*Program Director:*

Charles T Cash Jr, MD  
 Oakwood Hosp  
 18101 Oakwood Blvd  
 PO Box 2500  
 Dearborn, MI 48123-2500  
 313 593-7819

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)**Program ID:** 220-25-31-133**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Ronald T Burkman, MD  
 Henry Ford Hospital  
 2799 W Grand Blvd  
 Detroit, MI 48202  
 313 876-2464

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 4)**Program ID:** 220-25-11-136**Sinai Hospital Program**

Sinai Hospital

*Program Director:*

David B Schwartz, MD  
 Sinai Hospital  
 6767 W Outer Dr  
 Detroit, MI 48235-2899  
 313 493-5220

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)**Program ID:** 220-25-11-138**St John Hospital and Medical Center Program**

St John Hospital and Medical Center

*Program Director:*

Minuchehr Kashef, MD  
 St John Hospital and Medical Center  
 Dept of Medical Educ  
 22101 Moross Rd  
 Detroit, MI 48236-2172  
 313 343-3875

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 220-25-11-137**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine

Grace Hospital

Hutzel Hospital

*Program Director:*

David B Cotton, MD  
 William B Blessed, MD  
 Wayne State University School of Medicine  
 Dept of OB/GYN  
 4707 St Antoine  
 Detroit, MI 48201  
 313 745-7292

*Length:* 4 Year(s) *Total Positions:* 49 (GYI: 13)**Program ID:** 220-25-21-139**Flint****Hurley Medical Center/Michigan State University Program**

Hurley Medical Center

*Program Director:*

Clinton H Dowd, MD  
 One Hurley Plaza  
 Flint, MI 48503-5993  
 810 257-9044

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)**Program ID:** 220-25-31-140

\* Updated information not provided.

## Grand Rapids

### Blodgett Memorial Medical Center/St Mary's Health Services Program

Blodgett Memorial Medical Center  
St Mary's Health Services

*Program Director:*

Charles W Newton III, MD  
Blodgett Memorial Medical Center  
Med Educ Office  
1840 Wealthy SE  
Grand Rapids, MI 49506  
616 774-7732

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)  
**Program ID:** 220-25-21-141

### Butterworth Hospital Program

Butterworth Hospital

*Program Director:*

Dorsey Ligon, MD  
Butterworth Hospital/#41  
100 Michigan St NE  
A622  
Grand Rapids, MI 49503  
616 776-1929

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-25-11-142

## Lansing

### Sparrow Hospital/Michigan State University Program\*

Sparrow Hospital

*Program Director:*

Bruce H Drukker, MD  
Sparrow Hospital  
OB/GYN Residency Office  
1215 E Michigan Ave  
Lansing, MI 48909-7980  
517 483-2577

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-25-31-143

## Pontiac

### North Oakland Medical Center Program

North Oakland Medical Centers

*Program Director:*

Leonard Dorey, MD  
North Oakland Medical Centers  
461 W Huron  
Pontiac, MI 48341  
810 857-7316

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 220-25-11-144

## Royal Oak

### William Beaumont Hospital Program

William Beaumont Hospital

*Program Director:*

John R Musich, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-0427

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 220-25-11-146

## Saginaw

### Saginaw Cooperative Hospitals Program

Saginaw Cooperative Hospitals Inc  
Saginaw General Hospital

*Program Director:*

Joseph F Marshall, MD  
Saginaw Cooperative Hospitals  
1000 Houghton Ave  
Saginaw, MI 48602  
517 771-6828

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-25-21-147

## Southfield

### Providence Hospital Program

Providence Hospital

*Program Director:*

Federico G Mariona, MD  
Providence Hospital  
Med Educ  
16001 W 9 Mile Rd  
Southfield, MI 48075  
810 424-3048

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-25-21-148

## Minnesota

## Minneapolis

### University of Minnesota Program

University of Minnesota Medical School  
Hennepin County Medical Center  
University of Minnesota Hospital and Clinic

*Program Director:*

Leo B Twigg, MD  
University of Minnesota Department of OB/GYN  
420 Delaware St SE  
Box 395  
Minneapolis, MN 55455  
612 626-3111

*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 6)  
**Program ID:** 220-26-21-149

## Rochester

### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Timothy O Wilson, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 266-8701

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-26-21-150

## St Paul

### St Paul-Ramsey Medical Center Program

St Paul-Ramsey Medical Center  
United Hospital

*Program Director:*

Peter T D'Ascoli, MD  
St Paul-Ramsey Medical Center  
640 Jackson St  
St Paul, MN 55101-2595  
612 221-3475

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-26-21-314

## Mississippi

## Jackson

### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

John C Morrison, MD  
University of Mississippi Medical Center  
Dept of OB/GYN  
2500 N State St  
Jackson, MS 39216  
601 984-5342

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 6)  
**Program ID:** 220-27-11-151

## Keesler AFB

### Keesler Medical Center Program

Keesler Medical Center

*Program Director:*

Lt Col Paul R Ziaya, MD  
81st Medical Group/SGHSC  
301 Fisher St Ste 107  
Keesler AFB, MS 39534-2576  
601 377-6396

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)  
**Program ID:** 220-27-21-002

## Missouri

## Columbia

### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

James W Daly, MD  
University of Missouri-Columbia  
Dept of OB/GYN N617 HSC  
One Hospital Dr  
Columbia, MO 65212  
314 882-6361

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-28-11-152

## Kansas City

### University of Missouri at Kansas City Program

University of Missouri-Kansas City School of Medicine  
St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

James P Youngblood, MD  
Truman Medical Center  
2301 Holmes  
Kansas City, MO 64108  
816 556-3454

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)  
**Program ID:** 220-28-21-154

\* Updated information not provided.

**St Louis****St John's Mercy Medical Center Program**

St John's Mercy Medical Center

*Program Director:*

James G Blythe, MD  
St John's Mercy Medical Center  
615 S New Ballas Rd  
Ste #2002 Tower B  
St Louis, MO 63141  
314 569-6826

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)**Program ID:** 220-28-22-157**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
Deaconess Hospital  
St Mary's Health Center

*Program Director:*

Roy H Petrie, MD ScD  
Dept of OB/GYN  
1031 Bellevue Ste 410  
St Louis, MO 63117  
314 781-4415

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)**Program ID:** 220-28-22-158**Washington University Program**

Barnes Hospital  
Jewish Hospital of St Louis  
St Louis Regional Medical Center

*Program Director:*

James R Schreiber, MD  
Washington University School of Medicine  
Box 8064  
4911 Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-7139

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)**Program ID:** 220-28-21-155**Nebraska****Omaha****Creighton University Program**

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center  
Archbishop Bergan Mercy Medical Center

*Program Director:*

Alfred D Fleming, MD  
Creighton University Medical Center  
601 N 30th St Ste 4810  
Omaha, NE 68131  
402 280-4440

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 220-30-21-160**University of Nebraska Program**

University of Nebraska Medical Center

*Program Director:*

Carl V Smith, MD  
University of Nebraska Medical Center  
Dept of OB/GYN  
600 S 42nd St  
Omaha, NE 68198-3255  
402 559-6150

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 220-30-21-161**Nevada****Reno****University of Nevada Program**

University of Nevada School of Medicine  
University Medical Center of Southern Nevada  
Womens Hospital

*Program Director:*

Joseph A Rojas, MD  
University Medical Center of Southern Nevada  
2040 W Charleston Blvd #200  
Las Vegas, NV 89102  
702 383-2271

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 220-31-21-318**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

*Program Director:*

Ronald M Jaffe, MD  
Cooper Hospital/University Medical Center  
Dept of OB/GYN  
Three Cooper Plaza Ste 211  
Camden, NJ 08103  
609 342-2965

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)**Program ID:** 220-33-11-162**Livingston****St Barnabas Medical Center Program**

St Barnabas Medical Center

*Program Director:*

James L Breen, MD  
St Barnabas Medical Center  
94 Old Short Hills Rd  
Livingston, NJ 07039  
201 533-5282

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)**Program ID:** 220-33-12-163**Long Branch****Monmouth Medical Center Program**

Monmouth Medical Center

*Program Director:*

David M Wallace, MD  
Monmouth Medical Center  
300 Second Ave  
Rm 231 Stanley Wing  
Long Branch, NJ 07740  
908 870-5179

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)**Program ID:** 220-33-11-164**Neptune****Jersey Shore Medical Center Program**

Jersey Shore Medical Center

*Program Director:*

Paul G Stumpf, MD  
Jersey Shore Medical Center Dept of OB/GYN  
1945 Corlies Ave  
Neptune, NJ 07753  
908 776-4128

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)**Program ID:** 220-33-12-165**Newark****Newark Beth Israel Medical Center Program**

Newark Beth Israel Medical Center  
Hackensack Medical Center

*Program Director:*

Kenneth A Kappy, MD  
Newark Beth Israel Medical Center  
201 Lyons Ave  
Newark, NJ 07112  
201 926-7342

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 2)**Program ID:** 220-33-21-321**UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Hackensack Medical Center  
UMDNJ-University Hospital

*Program Director:*

Gerson Weiss, MD  
UMDNJ-New Jersey Medical School Dept of Ob-Gyn  
185 S Orange Ave Rm E506  
Newark, NJ 07103-2757  
201 982-5266

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 4)**Program ID:** 220-33-31-166**Piscataway****UMDNJ-Robert Wood Johnson Medical School (New Brunswick) Program**

UMDNJ-Robert Wood Johnson Medical School  
Muhlenberg Regional Medical Center  
St Peter's Medical Center

*Program Director:*

Robert A Knuppel, MD MPH  
UMDNJ-New Jersey's University of the Health Sciences  
Robert Wood Johnson Medical School  
Department of OB/GYN 1 RWJ Place  
New Brunswick, NJ 08903-0019  
908 235-7628

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 5)**Program ID:** 220-33-21-167**South Orange****Seton Hall University School of Graduate Medical Education (Jersey City) Program**

Seton Hall University School of Graduate Medical  
Education

Jersey City Medical Center  
Englewood Hospital

*Program Director:*

Hyungkoo Yun, MD  
Jersey City Medical Center  
Dept of OB/GYN  
50 Baldwin Ave  
Jersey City, NJ 07304  
201 915-2000

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)**Program ID:** 220-33-21-324**Seton Hall University School of Graduate Medical Education (Patterson) Program**

Seton Hall University School of Graduate Medical  
Education

St Joseph's Hospital and Medical Center

*Program Director:*

Peter A Beaugar, MD  
St Joseph's Hospital and Medical Center  
703 Main St  
Paterson, NJ 07603  
201 877-2034

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)**Program ID:** 220-33-21-323

\* Updated information not provided.

**Seton Hall University School of Graduate Medical Education Program**

Seton Hall University School of Graduate Medical Education  
St Michael's Medical Center (Cathedral Health Services Inc)  
St James Hospital of Newark (Cathedral Health Services Inc)

*Program Director:*  
Humbert L Riva, MD  
St Michael's Medical Center  
268 Martin Luther King Jr Blvd  
MS 9  
Newark, NJ 07102  
201 877-5350  
*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)  
**Program ID:** 220-33-21-322

**New Mexico**

**Albuquerque**

**University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
USAF Hospital (Kirtland)

*Program Director:*  
Gloria E Sarto, MD PhD  
University of New Mexico School of Medicine  
Dept of OB/GYN ACC-4  
2211 Lomas Blvd NE  
Albuquerque, NM 87131-5286  
505 272-6883  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 2)  
**Program ID:** 220-34-21-169

**New York**

**Albany**

**Albany Medical Center Program**

Albany Medical Center Hospital  
St Peter's Hospital  
*Program Director:*  
Daniel C Kredentser, MD  
Albany Medical Center Hospital  
47 New Scotland Ave A-74  
Albany, NY 12208  
518 262-5587  
*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 6)  
**Program ID:** 220-35-21-170

**Bronx**

**Albert Einstein College of Medicine (East Campus) Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Weiler Hospital

*Program Director:*  
Irwin R Merkat, MD  
Albert Einstein College of Medicine  
Belfer Rm 502  
1300 Morris Park Ave  
Bronx, NY 10461  
718 430-4192  
*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
**Program ID:** 220-35-21-178

**Albert Einstein College of Medicine (West Campus) Program**

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*  
Joanna F Shulman, MD  
Montefiore Medical Center North Central Bronx Hospital  
3424 Kossuth Ave  
Rm 7C-01  
Bronx, NY 10467  
718 519-3876  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 220-35-21-332

**Bronx-Lebanon Hospital Center Program**

Bronx-Lebanon Hospital Center

*Program Director:*  
John T Parente, MD  
Bronx Lebanon Hospital Center  
Dept of OB/GYN  
1650 Grand Concourse  
Bronx, NY 10457  
718 960-1050  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-35-11-180

**Brooklyn**

**Brookdale Hospital Medical Center Program**

Brookdale Hospital Medical Center  
*Program Director:*  
Joseph A Osho, MD  
Brookdale Hospital Medical Center  
Linden Blvd at Brookdale Plaza  
Brooklyn, NY 11212  
718 240-6244  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 6)  
**Program ID:** 220-35-11-181

**Brooklyn Hospital Center Program**

Brooklyn Hospital Center  
*Program Director:*  
Vincent Tricomi, MD  
The Brooklyn Hospital Center  
121 Dekalb Ave  
Brooklyn, NY 11201  
718 250-6930  
*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 8)  
**Program ID:** 220-35-12-182

**Long Island College Hospital Program**

Long Island College Hospital  
*Program Director:*  
Jack E Maidman, MD  
Long Island College Hospital  
340 Henry St  
Brooklyn, NY 11201  
718 780-1647  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)  
**Program ID:** 220-35-12-189

**Lutheran Medical Center Program**

Lutheran Medical Center  
*Program Director:*  
Donald M Zarou, MD  
Lutheran Medical Center  
150 55th St  
Brooklyn, NY 11220-2574  
718 630-7350  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
**Program ID:** 220-35-11-191

**Maimonides Medical Center Program**

Maimonides Medical Center  
Coney Island Hospital  
*Program Director:*  
Raphael Jewelewicz, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7048  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 220-35-31-192

**New York Methodist Hospital Program**

New York Methodist Hospital  
*Program Director:*  
John B Josimovich, MD  
New York Methodist Hospital  
505 Sixth St  
Brooklyn, NY 11215-9008  
718 780-3272  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 4)  
**Program ID:** 220-35-31-339

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn  
*Program Director:*  
John G Boyce, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave  
Box 24  
Brooklyn, NY 11203-2098  
718 270-2081  
*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 6)  
**Program ID:** 220-35-21-208

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium (Sisters of Charity) Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Sisters of Charity Hospital  
*Program Director:*  
Michael Ray, MD  
Sisters of Charity Hospital Dept of OB/GYN  
2157 Main St  
Buffalo, NY 14214  
716 862-2665  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 220-35-21-171

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Children's Hospital of Buffalo  
Erie County Medical Center  
Millard Fillmore Hospitals  
*Program Director:*  
Myroslaw M Hreshchshyn, MD  
Children's Hospital of Buffalo  
Dept of Gyn/Ob  
219 Bryant St  
Buffalo, NY 14222  
716 878-7138  
*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 10)  
**Program ID:** 220-35-21-172

\* Updated information not provided.

**East Meadow****Nassau County Medical Center Program**

Nassau County Medical Center  
Mercy Medical Center

*Program Director:*  
Victor Halitsky, MD  
Nassau County Medical Center  
Dept of OB/GYN  
DCB 3  
East Meadow, NY 11554-5400  
516 572-6254  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 220-35-31-174

**Flushing****Flushing Hospital Medical Center Program**

Flushing Hospital Medical Center

*Program Director:*  
Joseph A Pennisi, MD  
Flushing Hospital Medical Center  
45th Ave at Parsons Blvd  
Flushing, NY 11355  
718 670-5440  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 4)  
*Program ID:* 220-35-11-184

**Jamaica****Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
Catholic Medical Center (Mary Immaculate Hospital)  
Catholic Medical Center (St John's Queens Hospital)  
Catholic Medical Center (St Mary's Hospital)

*Program Director:*  
Peter Albanese, MD  
Catholic Medical Center  
88-25 153rd Sts  
Jamaica, NY 11432  
718 558-7295  
*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 220-35-21-183

**Jamaica Hospital Program\***

Jamaica Hospital

*Program Director:*  
M Maurice Abitbol, MD  
Jamaica Hospital  
89th Ave & Van Wyck Expwy  
Jamaica, NY 11418  
718 262-6808  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 220-35-21-186

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*  
Arnold N Fenton, MD  
North Shore University Hospital  
Dept of OB/GYN  
Manhasset, NY 11030  
516 562-4435  
*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 5)  
*Program ID:* 220-35-31-175

**Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital

*Program Director:*  
Dev Maulik, MD PhD  
Winthrop-University Hospital  
Dept of OB/GYN  
259 First St  
Mineola, NY 11501  
516 663-2264  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-35-12-176

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Syosset Community Hospital

*Program Director:*  
Vicki L Seltzer, MD  
Long Island Jewish Med Ctr  
Dept of OB/GYN  
New Hyde Park, NY 11040  
718 470-7661  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)  
*Program ID:* 220-35-21-190

**New York****Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center

*Program Director:*  
Allan J Jacobs, MD  
Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003  
212 420-4236  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 220-35-11-179

**Harlem Hospital Center Program\***

Harlem Hospital Center  
Morristown Memorial Hospital

*Program Director:*  
Stephen Matseoane, MD  
Harlem Hospital Center  
Columbia University  
135th St & Lenox Ave  
New York, NY 10037  
*Length:* 4 Year(s)  
*Program ID:* 220-35-21-185

**Lenox Hill Hospital Program**

Lenox Hill Hospital

*Program Director:*  
Hugh R K Barber, MD  
Dept of OB/GYN  
Lenox Hill Hospital  
100 E 77th St  
New York, NY 10021-1883  
212 434-2160  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 220-35-11-188

**Mount Sinai School of Medicine (Jamaica) Program\***

Mount Sinai School of Medicine  
Queens Hospital Center  
Mount Sinai Medical Center

*Program Director:*  
Mark Spitzer, MD  
Queens Hospital Center  
82-68 164th St  
Bldg Room 210  
Jamaica, NY 11432  
718 883-4035  
*Length:* 4 Year(s)  
*Program ID:* 220-35-21-342

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*  
Michael L Brodman, MD  
Mount Sinai Med Ctr-Dept of OB/GYN  
Box 1170  
1 Gustave L Levy Pl  
New York, NY 10029-6574  
212 241-4330  
*Length:* 4 Year(s) *Total Positions:* 35 (GYI: 7)  
*Program ID:* 220-35-21-196

**New York Downtown Hospital Program**

New York Downtown Hospital

*Program Director:*  
William E Strider, MD  
New York Downtown Hospital  
170 William St  
New York, NY 10038  
212 312-5880  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 4)  
*Program ID:* 220-35-21-198

**New York Hospital/Cornell Medical Center Program**

New York Hospital

*Program Director:*  
William J Ledger, MD  
New York Hospital  
525 E 68th St  
New York, NY 10021  
212 746-3011  
*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 7)  
*Program ID:* 220-35-21-197

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
New York Hospital Medical Center of Queens

*Program Director:*  
Robert F Porges, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6362  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 220-35-21-200

**Presbyterian Hospital in the City of New York Program\***

Presbyterian Hospital in the City of New York

*Program Director:*  
Sterling B Williams, MD  
Presbyterian Hospital in the City of New York  
Dept of OB/GYN  
622 W 168th St  
New York, NY 10032  
212 305-8770  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Program ID:* 220-35-21-201

\* Updated information not provided.

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
Solan Chao, MD  
Dept of OB/GYN  
St Luke's-Roosevelt Hospital Center  
1000 Tenth Ave  
New York, NY 10019  
212 523-5750

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 220-35-11-204

**Rochester**

**Rochester General Hospital Program**

Rochester General Hospital

*Program Director:*  
Phyllis C Leppert, MD PhD  
Rochester General Hospital  
Dept of OB/GYN Box 249  
1425 Portland Ave  
Rochester, NY 14621  
716 336-3784

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-35-31-343

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Highland Hospital of Rochester

*Program Director:*  
Jacques S Abramowicz, MD  
Strong Memorial Hospital Dept of OB/GYN  
601 Elmwood Ave  
Box 668  
Rochester, NY 14642-8668  
716 275-3733

*Length:* 4 Year(s) *Total Positions:* 43 (GYI: 10)  
**Program ID:** 220-35-21-213

**Staten Island**

**Staten Island University Hospital Program**

Staten Island University Hospital

*Program Director:*  
Jahangir Ayromlooi, MD  
Staten Island University Hospital  
475 Seaview Ave  
Staten Island, NY 10305  
718 226-9269

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)  
**Program ID:** 220-35-11-207

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

*Program Director:*  
Valerie M Parisi, MD  
Dept of OB/GYN HSC  
University Hospital  
SUNY at Stony Brook  
Stony Brook, NY 11794-8091  
516 444-2783

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-35-21-316

**Syracuse**

**SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

Crouse-Irving Memorial Hospital  
*Program Director:*  
Raul Artal, MD  
Dept of OB/GYN  
SUNY Health Sci Cntr at Syracuse  
750 E Adams St  
Syracuse, NY 13210  
315 470-7800

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-35-21-215

**Valhalla**

**New York Medical College (Lincoln) Program**

New York Medical College  
Lincoln Medical and Mental Health Center

*Program Director:*  
Huseyin Copur, MD  
Dept of Obstetrics and Gynecology  
Lincoln Medical and Mental Health Center  
234 E 149th St  
Bronx, NY 10451  
718 579-5835

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 5)  
**Program ID:** 220-35-21-326

**New York Medical College (Our Lady of Mercy) Program**

New York Medical College  
Our Lady of Mercy Medical Center

*Program Director:*  
Kevin D Reilly, MD  
Our Lady of Mercy Medical Center  
600 E 233rd St  
Bronx, NY 10466  
718 920-9649

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)  
**Program ID:** 220-35-21-330

**New York Medical College (Richmond) Program**

New York Medical College  
St Vincent's Medical Center of Richmond

*Program Director:*  
Vincent T Pillari, MD  
New York Medical College Prgm B at St Vincent's  
Medical Center of Richmond  
355 Bard Ave  
Staten Island, NY 10310-1699  
718 876-4293

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)  
**Program ID:** 220-35-12-206

**New York Medical College (Stamford) Program**

New York Medical College  
Stamford Hospital

*Program Director:*  
Frances Ginsburg, MD  
Stamford Hospital  
Shelburne Rd & W Broad St  
Stamford, CT 06902  
203 325-7462

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)  
**Program ID:** 220-08-11-061

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*  
Paul L Juan, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St  
New York, NY 10011  
212 604-7829

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 1)  
**Program ID:** 220-35-21-205

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Metropolitan Hospital Center  
Westchester County Medical Center

*Program Director:*  
Sari Kaminsky, MD  
Metropolitan Hospital  
Dept of OB/GYN  
1901 First Ave  
New York, NY 10029  
212 230-6796

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 5)  
**Program ID:** 220-35-21-199

**North Carolina**

**Asheville**

**Mountain Area Health Education Center Program**

Mountain Area Health Education Center  
Memorial Mission Hospital

*Program Director:*  
Hal C Lawrence III, MD  
MAHEC Dept of OB/GYN  
60 Livingston St  
Ste 100  
Asheville, NC 28801  
704 257-4720

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-36-21-340

**Chapel Hill**

**University of North Carolina Hospitals Program**

University of North Carolina Hospitals  
Wake Medical Center

*Program Director:*  
Wesley C Fowler Jr, MD  
University of North Carolina School of Medicine  
Dept of OB/GYN  
MacNider Bldg CB#7570  
Chapel Hill, NC 27599-7570  
919 966-1196

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 220-36-21-216

**Charlotte**

**Carolinas Medical Center Program**

Carolinas Medical Center

*Program Director:*  
Ronald V Wade, MD  
Dept of Obstetrics/Gynecology  
PO Box 32861  
1000 Blythe Blvd  
Charlotte, NC 28232-2861  
704 355-3153

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 5)  
**Program ID:** 220-36-31-217

\* Updated information not provided.

**Durham****Duke University Program**

Duke University Medical Center

*Program Director:*Charles B Hammond, MD  
Duke University Medical Center  
Dept of OB/GYN  
PO Box 3853  
Durham, NC 27710  
919 684-3008*Length: 4 Year(s) Total Positions: 28 (GYI: 7)*  
**Program ID: 220-36-21-219****Greenville****East Carolina University Program**East Carolina University School of Medicine  
Pitt County Memorial Hospital*Program Director:*Samuel M Atkinson Jr, MD  
Dept of OB/GYN  
The School of Medicine  
East Carolina University  
Greenville, NC 27858-4354  
919 816-4669*Length: 4 Year(s) Total Positions: 17 (GYI: 5)*  
**Program ID: 220-36-21-220****Wilmington****New Hanover Regional Medical Center Program**

New Hanover Regional Medical Center

*Program Director:*Brent D Wright, MD  
New Hanover Regional Medical Center  
Coastal AHEC-OB/GYN  
PO Box 9025  
Wilmington, NC 28402-9025  
910 343-0161*Length: 4 Year(s) Total Positions: 12 (GYI: 3)*  
**Program ID: 220-36-11-218****Winston-Salem****Bowman Gray School of Medicine Program**North Carolina Baptist Hospital  
Forsyth Memorial Hospital*Program Director:*Eberhard Mueller-Heubach, MD  
Bowman Gray School of Medicine  
Dept of OB/GYN  
Medical Center Blvd  
Winston-Salem, NC 27157-1066  
910 716-4291*Length: 4 Year(s) Total Positions: 21 (GYI: 5)*  
**Program ID: 220-36-21-221****Ohio****Akron****Akron City Hospital (Summa Health System)/NEOUCOM Program**

Akron City Hospital (Summa Health System)

*Program Director:*John R Karlen, MD  
Akron City Hospital  
525 E Market St  
Akron, OH 44309  
216 375-3175*Length: 4 Year(s) Total Positions: 16 (GYI: 4)*  
**Program ID: 220-38-21-223****Akron General Medical Center/NEOUCOM Program**

Akron General Medical Center

*Program Director:*Michael P Hopkins, MD  
Akron General Medical Center  
400 Wabash Ave  
Akron, OH 44307  
216 384-6041*Length: 4 Year(s) Total Positions: 12 (GYI: 3)*  
**Program ID: 220-38-11-224****Canton****Aultman Hospital/NEOUCOM Program**

Aultman Hospital

*Program Director:*Alvin Langer, MD  
Aultman Hospital  
2600 Sixth St SW  
Canton, OH 44710-1799  
216 438-6214*Length: 4 Year(s) Total Positions: 12 (GYI: 3)*  
**Program ID: 220-38-21-226****Cincinnati****Bethesda Hospital Program**

Bethesda Hospital Inc

*Program Director:*Harold E Johnstone, MD  
Bethesda Oak Hospital  
Dept of OB/GYN  
619 Oak St #301  
Cincinnati, OH 45206-1690  
513 569-6249*Length: 4 Year(s) Total Positions: 16 (GYI: 4)*  
**Program ID: 220-38-21-227****Good Samaritan Hospital Program**

Good Samaritan Hospital

*Program Director:*Michael S Baggish, MD  
Good Samaritan Hospital  
375 Dixmyth Ave  
Cincinnati, OH 45220-2489  
513 872-3434*Length: 4 Year(s) Total Positions: 14 (GYI: 4)*  
**Program ID: 220-38-11-228****University of Cincinnati Hospital Group Program**University of Cincinnati Hospital  
Christ Hospital*Program Director:*Robert W Rebar, MD  
University of Cincinnati Medical Center  
PO Box 670526  
Cincinnati, OH 45267-0526  
513 558-7653*Length: 4 Year(s) Total Positions: 27 (GYI: 7)*  
**Program ID: 220-38-21-229****Cleveland****Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center

*Program Director:*Leon I Mann, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-4876*Length: 4 Year(s) Total Positions: 20 (GYI: 5)*  
**Program ID: 220-38-21-327****Case Western Reserve University Program**

University Hospitals of Cleveland

*Program Director:*Laszlo Sogor, MD PhD  
University MacDonald Womens Hospital  
11100 Euclid Ave  
Cleveland, OH 44106  
216 844-1692*Length: 4 Year(s) Total Positions: 19 (GYI: 4)*  
**Program ID: 220-38-21-230****Mount Sinai Medical Center of Cleveland Program**

Mount Sinai Medical Center of Cleveland

*Program Director:*Irwin Kornbluth, MD  
Mt Sinai Medical Center of Cleveland  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
216 421-4607*Length: 4 Year(s) Total Positions: 8 (GYI: 2)*  
**Program ID: 220-38-11-231****St Luke's Medical Center Program**

St Luke's Medical Center

*Program Director:*Michael T Gyves, MD  
Saint Luke's Medical Center  
11311 Shaker Blvd  
Cleveland, OH 44104-3850  
216 368-7208*Length: 4 Year(s) Total Positions: 8 (GYI: 2)*  
**Program ID: 220-38-11-232****Columbus****Mount Carmel Health Program**

Mount Carmel Medical Center

*Program Director:*John G Boutselis, MD  
Mount Carmel Health  
793 W State St  
Columbus, OH 43222  
614 225-5354*Length: 4 Year(s) Total Positions: 8 (GYI: 2)*  
**Program ID: 220-38-12-233****Ohio State University Program**Ohio State University Medical Center  
Arthur G James Cancer Hospital and Research Institute  
Grant Medical Center*Program Director:*Steven G Gabbe, MD  
Ohio State University Hospital  
1654 Upham Dr  
505 Means Hall  
Columbus, OH 43210  
614 293-8697*Length: 4 Year(s) Total Positions: 32 (GYI: 7)*  
**Program ID: 220-38-11-234****Riverside Methodist Hospitals/St Ann's Hospital of Columbus Program**Riverside Methodist Hospitals  
St Ann's Hospital of Columbus*Program Director:*Jeffrey G Bell, MD  
Riverside Methodist Hospitals  
3535 Olentangy River Rd  
Med Educ Dept  
Columbus, OH 43214  
614 566-5762*Length: 4 Year(s) Total Positions: 16 (GYI: 4)*  
**Program ID: 220-38-32-235**

\* Updated information not provided.



## Dayton

### Wright State University Program

Wright State University School of Medicine  
Miami Valley Hospital  
USAF Medical Center (Wright-Patterson)

*Program Director:*

Stephen H Cruikshank, MD  
Wright State University Dept of OB/GYN  
Miami Valley Hospital  
1 Wyoming St  
Dayton, OH 45409-2793  
513 220-2850

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 6)

*Program ID:* 220-38-21-236

## Toledo

### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Hospital

*Program Director:*

Terrence J Horrigan, MD  
Medical College of Ohio Dept of OB/GYN  
PO Box 10008  
Toledo, OH 43699-0008  
419 381-4590

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)

*Program ID:* 220-38-22-237

## Youngstown

### St Elizabeth Hospital Medical Center/NEOUCOM Program

St Elizabeth Hospital Medical Center

*Program Director:*

Cornelius W Stone, MD  
St Elizabeth Hospital Medical Center  
1044 Belmont Ave  
Youngstown, OH 44501-1790  
216 480-3280

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-38-11-238

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program\*

University of Oklahoma College of Medicine-Oklahoma City  
University Hospital and Clinics

*Program Director:*

Chris Carey, MD  
University Oklahoma Health Sciences Center  
PO Box 26901  
Oklahoma City, OK 73190  
405 271-8787

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)

*Program ID:* 220-39-11-239

## Tulsa

### University of Oklahoma College of Medicine-Tulsa Program

University of Oklahoma College of Medicine-Tulsa  
Hillcrest Medical Center  
St Francis Hospital  
St John Medical Center

*Program Director:*

James H Beeson, MD PhD  
University of Oklahoma College of Medicine Tulsa  
Dept of OB/GYN  
2808 S Sheridan Rd  
Tulsa, OK 74129-1077  
918 838-4655

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 220-39-21-240

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Emanuel Hospital and Health Center  
Good Samaritan Hospital and Medical Center

*Program Director:*

E Paul Kirk, MD  
Oregon Health Science University  
3181 SW Sam Jackson Park Rd L466  
Portland, OR 97201-3098  
503 494-8639

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

*Program ID:* 220-40-21-241

## Pennsylvania

### Abington

#### Abington Memorial Hospital Program

Abington Memorial Hospital

*Program Director:*

Joel I Polin, MD  
Dept of OB/GYN  
Abington Memorial Hospital  
1200 York Rd  
Abington, PA 19001  
215 572-6222

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-41-12-242

### Allentown

#### Lehigh Valley Hospital/Pennsylvania State University Program

Lehigh Valley Hospital

*Program Director:*

Stephen K Klasko, MD  
Lehigh Valley Hospital  
17th & Chew Sts  
PO Box 7017  
Allentown, PA 18102-7017  
610 402-2890

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 4)

*Program ID:* 220-41-11-243

## Bethlehem

### St Luke's Hospital Program

St Luke's Hospital

*Program Director:*

Joseph C L Merola, MD  
St Luke's Hospital  
801 Ostrum St  
Bethlehem, PA 18015  
610 954-4670

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 220-41-31-244

## Danville

### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

Tarit K Ghosh, MD  
Geisinger Medical Center  
Dept of OB/GYN  
N Academy Ave  
Danville, PA 17822-1329  
717 271-6343

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 220-41-12-245

## Hershey

### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr  
Harrisburg Hospital

*Program Director:*

Rodrigue Mortel, MD  
Milton S Hershey Medical Center Dept of OB/GYN  
500 University Dr  
PO Box 850  
Hershey, PA 17033  
717 531-8141

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 220-41-21-246

## Philadelphia

### Albert Einstein Medical Center Program

Albert Einstein Medical Center  
Chestnut Hill Hospital

*Program Director:*

Sze-ya Yeh, MD  
Albert Einstein Medical Center Dept OB/GYN  
Klein Professional Bldg Ste 410  
5401 Old York Rd  
Philadelphia, PA 19141-3098  
215 456-6993

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 220-41-21-247

### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital  
Crozer-Chester Medical Center

*Program Director:*

R Douglas Ross, MD  
Hahnemann University Hospital  
Dept of OB/GYN MS 404  
Broad & Vine Sts  
Philadelphia, PA 19102-1192  
215 572-6222

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 220-41-21-248

\* Updated information not provided.

**Medical College of Pennsylvania Program**

Medical College of Pennsylvania Hospital  
Frankford Hospital (Torresdale Campus)

*Program Director:*

Jan Schneider, MD  
Medical College of Pennsylvania Hospital  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-7183

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 6)

**Program ID:** 220-41-21-250

**Pennsylvania Hospital Program**

Pennsylvania Hospital

*Program Director:*

Mark B Woodland, MD  
Pennsylvania Hospital  
301 S Eighth St Ste 3C-2  
Philadelphia, PA 19106  
215 829-5023

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 6)

**Program ID:** 220-41-11-252

**Temple University Program**

Temple University Hospital  
Lower Bucks Hospital

*Program Director:*

Ashwin Chatwani, MD  
Temple University Hospital  
3401 N Broad St 70PD  
Philadelphia, PA 19140  
215 707-3012

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 6)

**Program ID:** 220-41-21-254

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital  
Methodist Hospital  
West Jersey Health System

*Program Director:*

Cynthia G Silber, MD  
Thomas Jefferson University Hospital  
1025 Walnut St Rm 310  
Philadelphia, PA 19107  
215 955-8461

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)

**Program ID:** 220-41-21-255

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania

*Program Director:*

William W Beck Jr, MD  
Hospital of the University of Pennsylvania  
106 Dulles Bldg  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 349-8035

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

**Program ID:** 220-41-11-256

**Pittsburgh****MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital

*Program Director:*

Harlan R Giles, MD  
Dept of OB/GYN  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-6326

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID:** 220-41-12-257

**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Magee-Womens Hospital

*Program Director:*

William R Crombleholme, MD  
Magee-Womens Hospital  
Dept of OB/GYN RS  
300 Halket St  
Pittsburgh, PA 15213-3180  
412 641-1674

*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 9)

**Program ID:** 220-41-11-258

**Western Pennsylvania Hospital Program**

Western Pennsylvania Hospital

*Program Director:*

Joseph F Russo, MD  
4800 Friendship Ave  
Pittsburgh, PA 15224  
412 578-5504

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 220-41-11-261

**Reading****Reading Hospital and Medical Center Program**

Reading Hospital and Medical Center

*Program Director:*

Peter A Schwartz, MD  
Reading Hospital and Medical Center  
Dept of Ob/Gyn  
Box 16052  
West Reading, PA 19612-6052  
610 378-6827

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)

**Program ID:** 220-41-12-262

**Wynnewood****Lankenau Hospital Program**

Lankenau Hospital

*Program Director:*

Patricia H McConnell, MD  
Dept of Obstetrics/Gynecology  
The Lankenau Hospital  
100 Lancaster Ave  
Wynnewood, PA 19096  
215 645-2325

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 220-41-11-249

**York****York Hospital Program**

York Hospital

*Program Director:*

Nicolas V Simon, MD  
York Hospital  
1001 S George St  
York, PA 17405  
717 851-2348

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 220-41-11-263

**Puerto Rico****Caguas****Caguas Regional Hospital Program**

Caguas Regional Hospital

*Program Director:*

Ariel G Colon Rodriguez, MD  
Caguas Regional Hosp  
Dept of OB/GYN  
PR Rd No 172 Box 5729  
Caguas, PR 00725  
809 744-3172

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID:** 220-42-11-264

**Mayaguez****Ramon E Betances Hospital-Mayaguez Medical Center Program**

Dr Ramon E Betances Hospital-Mayaguez Medical Center

*Program Director:*

Armando H Gutierrez, MD  
Mayaguez Medical Center Dept of OB/GYN  
410 Carr 2  
Mayaguez, PR 00680-1522  
809 834-8686

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 220-42-12-265

**Ponce****Ponce Regional Hospital Program\***

Ponce Regional Hospital

*Program Director:*

Alberto Aviles-Collado, MD  
Ponce Reginald Hospital  
Dept of OB/GYN  
State Rd #14  
Ponce, PR 00731

*Length:* 4 Year(s)

**Program ID:** 220-42-21-346

**Rio Piedras****San Juan City Hospital Program**

San Juan City Hospital

*Program Director:*

Edward O'Neill, MD  
San Juan Municipal Hospital  
PO Box 21405  
Rio Piedras, PR 00928  
809 767-3733

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID:** 220-42-12-267

**San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Karlis Adamsons, MD PhD  
Medical Sciences Campus  
GPO Box 5067  
San Juan, PR 00936  
809 767-8740

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

**Program ID:** 220-42-11-268

\* Updated information not provided.

## Rhode Island

### Providence

#### Brown University Program

Women and Infants Hospital of Rhode Island  
Rhode Island Hospital

*Program Director:*

Donald R Coustan, MD  
Brown University Dept of OB/GYN  
101 Dudley St  
Providence, RI 02905-2401  
401 274-1100

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 7)

*Program ID:* 220-43-21-269

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
Charleston Memorial Hospital  
MUSC Medical Center

*Program Director:*

James P VanDorsten, MD  
Department of OB/GYN  
Medical Univ of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-2233  
803 792-7108

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)

*Program ID:* 220-45-21-270

### Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program

Richland Memorial Hospital-Univ of South Carolina Sch of Med

*Program Director:*

E O Horger III, MD  
Richland Memorial Hospital  
Dept of OB/GYN  
Two Richland Medical Pk Ste 208  
Columbia, SC 29203  
803 779-4928

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 220-45-11-271

### Greenville

#### Greenville Hospital System Program

Greenville Hospital System

*Program Director:*

Robert G Brame, MD  
Greenville Hospital System  
701 Grove Rd  
Greenville, SC 29605  
803 455-7887

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-45-11-272

## Tennessee

### Chattanooga

#### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga  
Erlanger Medical Center

*Program Director:*

C Neil Herrick, MD  
Chattanooga Unit-University of Tennessee College of Medicine  
Dept of OB/GYN  
921 E Third St Ste 400  
Chattanooga, TN 37403  
615 778-7515

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)

*Program ID:* 220-47-21-274

### Johnson City

#### East Tennessee State University Program

James H Quillen College of Medicine  
Johnson City Medical Center Hospital

*Program Director:*

Frederick R Jelovsek, MD  
James H Quillen College of Medicine  
Dept of OB/GYN  
PO Box 70 569  
Johnson City, TN 37614-0569  
615 929-6335

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 3)

*Program ID:* 220-47-21-341

### Knoxville

#### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

Michael R Caudle, MD  
The University of Tennessee  
Graduate School of Medicine  
1924 Alcoa Hwy  
Knoxville, TN 37920  
615 544-9306

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-47-11-275

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
University of Tennessee Medical Center

*Program Director:*

Frank W Ling, MD  
Univ of Tennessee Memphis  
Dept of OB/GYN  
853 Jefferson Ave 1st Fl  
Memphis, TN 38163  
901 448-4775

*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 11)

*Program ID:* 220-47-21-276

## Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
Baptist Hospital

*Program Director:*

Lonnie S Burnett, MD  
Vanderbilt University Hospital Dept of OB/GYN  
1161 21st Ave  
R1214 MCN  
Nashville, TN 37232-2521  
615 322-3385

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 220-47-21-278

## Texas

### Amarillo

#### Texas Tech University (Amarillo) Program

Texas Tech University Health Sciences Center at Amarillo  
Northwest Texas Health Care System

*Program Director:*

Bobby Rimer, MD  
Texas Tech University Health Sciences Center  
Dept of Obstetrics-Gynecology  
1400 Wallace  
Amarillo, TX 79106  
800 835-5147

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 220-48-21-320

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center

*Program Director:*

Carolyn M Matthews, MD  
Baylor University Medical Center  
Dept of OB/GYN  
3500 Gaston  
Dallas, TX 75246  
214 820-6226

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 220-48-31-280

#### Methodist Hospitals of Dallas Program

Methodist Hospitals of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Clare D Edman, MD  
Methodist Hospitals of Dallas  
PO Box 655999  
Dallas, TX 75265-5999  
214 947-2300

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)

*Program ID:* 220-48-31-281

#### St Paul Medical Center Program

St Paul Medical Center  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Larry E Word, MD  
St Paul Medical Center  
Graduate Medical Education Services  
5909 Harry Hines Blvd  
Dallas, TX 75235  
214 879-3786

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 220-48-31-283

\* Updated information not provided.

**University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

George D Wendel Jr, MD  
University of Texas Southwestern Medical School  
5323 Harry Hines Blvd  
Dallas, TX 75235-9032  
214 648-3309

*Length:* 4 Year(s) *Total Positions:* 57 (GYI: 14)  
**Program ID:** 220-48-31-282

**El Paso****Texas Tech University (El Paso) Program**

Texas Tech University Health Sciences Center at El Paso  
R E Thomason General Hospital

*Program Director:*

Frederick E Harlass, MD  
Texas Tech University Health Sciences Center-El Paso  
Dept of OB/GYN  
4800 Alberta Ave  
El Paso, TX 79905  
915 545-6708

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-48-11-315

**William Beaumont Army Medical Center Program**

William Beaumont Army Medical Center

*Program Director:*

Carla G Hawley-Bowland, MD  
Attn: OB/GYN  
WBAMC HSHM OBG  
5005 N Piedras St  
El Paso, TX 79920-5001  
915 569-2090

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)  
**Program ID:** 220-48-11-008

**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center

*Program Director:*

Manuel T De Los Santos, MD  
Brooke Army Medical Center  
Department of OB/GYN  
San Antonio, TX 78234-6200  
210 916-6625

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-48-31-009

**Fort Worth****Fort Worth Hospitals Program**

John Peter Smith Hospital (Tarrant County Hospital District)

Harris Methodist Fort Worth

*Program Director:*

Ralph J Anderson, MD  
John Peter Smith Hospital  
1500 S Main St  
Fort Worth, TX 76104  
817 921-3431

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-48-22-284

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

John C Jennings, MD  
University of Texas Medical Branch Hospital  
Dept of OB/GYN E-87  
Galveston, TX 77555-0587  
409 772-6764

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)  
**Program ID:** 220-48-21-285

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital

*Program Director:*

L Russell Malinak, MD  
Baylor College of Medicine  
Dept of OB/GYN  
One Baylor Plaza  
Houston, TX 77030  
713 798-7617

*Length:* 4 Year(s) *Total Positions:* 56 (GYI: 12)  
**Program ID:** 220-48-31-286

**St Joseph Hospital Program**

St Joseph Hospital  
Brackenridge Hospital

*Program Director:*

Benton Baker III, MD  
St Joseph Hospital  
1819 Crawford Ste 1708  
Houston, TX 77002  
713 757-7478

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 220-48-31-288

**University of Texas at Houston Program A**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital

*Program Director:*

Jorge D Blanco, MD  
Lyndon Baines Johnson General Hospital  
OB/GYN Dept Rm 2LD80001  
5656 Kelley St  
Houston, TX 77026  
713 636-5926

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 220-48-21-334

**University of Texas at Houston Program B**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital

*Program Director:*

Allan R Katz, MD  
University of Texas Medical School at Houston  
6431 Fannin Ste 3.204  
Houston, TX 77030  
713 792-5360

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 220-48-21-289

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Jeffrey D Bloss, MD  
Wilford Hall USAF Med Center/SGHO  
2200 Bergquist Dr Ste 1  
Lackland AFB TX  
San Antonio, TX 78236-5300  
210 670-6126

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-48-12-003

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center  
US Air Force Hospital (Reese)

*Program Director:*

Daniel E McGunegle, MD  
Texas Tech University Health Science Center  
Dept of OB/GYN  
3601 Fourth St  
Lubbock, TX 79430  
806 743-2351

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
**Program ID:** 220-48-21-290

**Odessa****Texas Tech University (Odessa) Program**

Texas Tech University Health Sciences Center at Odessa  
Medical Center Hospital

*Program Director:*

Carol A Bergquist, MD  
Texas Tech University Health Sciences Center at Odessa  
Dept of OB/GYN  
800 W Fourth St  
Odessa, TX 79763-4362  
915 335-5200

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 220-48-21-331

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
University Hospital-South Texas Medical Center

*Program Director:*

Carl J Pauerstein, MD  
University of Texas Health Science Center  
Dept of OB/GYN  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7836  
210 567-4953

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 7)  
**Program ID:** 220-48-21-292

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital

*Program Director:*

Charles V Capen, MD  
Texas A&M-Scott and White  
Grad Med Educ  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 220-48-21-293

\* Updated information not provided.

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
LDS Hospital

*Program Director:*

James Scott, MD  
University of Utah Health Sciences Center  
Dept of OB/GYN  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-5501

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)

*Program ID:* 220-49-21-294

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont

*Program Director:*

Daniel H Riddick, MD PhD  
Univ of Vermont Dept of OB/GYN  
MCHV SB 426  
111 Colchester Ave  
Burlington, VT 05401  
802 656-5112

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-50-21-295

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

James D Kitchin III, MD  
University of Virginia Hospital  
Box 387  
Dept Ob-Gyn  
Charlottesville, VA 22908  
804 982-3701

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)

*Program ID:* 220-51-11-296

### Newport News

#### Riverside Regional Medical Center Program

Riverside Regional Medical Center

*Program Director:*

William J Mann Jr, MD  
Riverside Obstetrics/Gynecology  
314 Main St Ste a  
Newport News, VA 23601-3808  
804 594-4723

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-51-11-297

## Norfolk

#### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
DePaul Medical Center  
Portsmouth General Hospital  
Sentara Norfolk General Hospital

*Program Director:*

Kathleen McIntyre-Seltman, MD  
Eastern Virginia Medical School  
721 Fairfax Ave Rm 406  
Norfolk, VA 23507  
804 446-7470

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)

*Program ID:* 220-51-21-298

## Portsmouth

#### Naval Medical Center (Portsmouth) Program\*

Naval Medical Center (Portsmouth)

*Program Director:*

James Smith, MD  
Naval Hospital  
Dept of OB/GYN  
Portsmouth, VA 23708-5100  
804 398-4801

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 6)

*Program ID:* 220-51-11-014

## Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Medical College of Virginia Hospitals

*Program Director:*

David Soper, MD  
Medical College of Virginia Hospital  
PO Box 980034  
Richmond, VA 23298-0034  
804 828-8614

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)

*Program ID:* 220-51-11-299

## Roanoke

#### Carilion Health System Program

Carilion Health System

Community Hospital of Roanoke Valley  
Roanoke Memorial Hospitals  
University of Virginia Medical Center

*Program Director:*

Larry G Dennis, MD  
Carilion Center For Women and Children  
Community Med Bldg  
102 Highland Ave SE Ste 435  
Roanoke, VA 24013  
703 985-9977

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-51-31-300

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Swedish Medical Center-Seattle  
University of Washington Medical Center

*Program Director:*

Morton A Stenchever, MD  
Leon R Spadoni, MD  
University of Washington Medical Center  
Dept of OB/GYN  
RH-20

Seattle, WA 98195

206 543-3045

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 6)

*Program ID:* 220-54-21-301

## Tacoma

#### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*

Larry L Morgenstern, MD  
Madigan Army Medical Center  
Dept of OB/GYN Attn: HSHJ-OG  
Tacoma, WA 98431-5000  
206 968-1315

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)

*Program ID:* 220-54-12-010

## West Virginia

### Charleston

#### West Virginia University (Charleston Division) Program

Charleston Area Medical Center

*Program Director:*

E R Heywood, MD  
Dept of Obstetrics/Gynecology  
Robert C Byrd HSC/WVU/Charleston  
830 Pennsylvania Ave #304  
Charleston, WV 25302-3390  
304 342-0816

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 220-55-11-303

## Huntington

#### Marshall University School of Medicine Program

Marshall University School of Medicine  
Cabell Huntington Hospital

*Program Director:*

Robert C Nerhood, MD  
Marshall University School of Medicine  
Dept of OB/GYN  
1801 Sixth Ave  
Huntington, WV 25703  
304 696-7136

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)

*Program ID:* 220-55-21-344

\* Updated information not provided.

**Morgantown****West Virginia University Program**

West Virginia University Hospitals

*Program Director:*

Donald W Cox, MD

West Virginia University Hospital

Dept of OB/GYN Rm 4601

Box 9186

Morgantown, WV 26506-9186

304 293-5631

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)*Program ID:* 220-55-11-304**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics

Meriter Hospital

St Marys Hospital Medical Center

*Program Director:*

Thomas M Julian, MD

University of Wisconsin Hosp and Clinic

CSC H4/648

600 Highland Ave

Madison, WI 53792-6188

608 263-1228

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)*Program ID:* 220-56-21-306**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc

John L Doyne Hospital

*Program Director:*

Dwight P Cruikshank, MD

Medical College of Wisconsin Dept of OB/GYN

8700 W Wisconsin Ave

Milwaukee, WI 53226

414 257-6112

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)*Program ID:* 220-56-31-307**University of Wisconsin (Milwaukee) Program**

Sinai Samaritan Medical Center

*Program Director:*

Fredrik F Broekhuizen, MD

Sinai Samaritan Medical Center

PO Box 342

Milwaukee, WI 53201-0342

414 937-5600

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 5)*Program ID:* 220-56-12-308**Oncology (Internal Medicine)****Arkansas****Little Rock****University of Arkansas for Medical Sciences Program\***

University of Arkansas College of Medicine

John L McClellan Memorial Veterans Hospital

University Hospital of Arkansas

*Program Director:*

Susan Guba, MD

Arthur Haut, MD

University of Arkansas for Medical Sciences

Mail Slot 508

4301 W Markham

Little Rock, AR 72205-7199

501 686-5222

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 147-04-21-097**California****La Jolla****Scripps Clinic and Research Foundation Program**

Scripps Clinic and Research Foundation

*Program Director:*

Michael P Kosty, MD

Dept of Graduate Med Educ/403C

Scripps Clinic &amp; Research Fnd

10666 N Torrey Pines Rd

La Jolla, CA 92037-1093

619 554-8582

*Length:* 2 Year(s) *Total Positions:* 5*Program ID:* 147-05-21-065**Los Angeles****UCLA Medical Center Program**

UCLA School of Medicine

UCLA Medical Center

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Robert A Figlin, MD

UCLA Schl of Med

Ctr for the Hlth Sci

Los Angeles, CA 90024

213 825-9677

*Length:* 2 Year(s) *Total Positions:* 17*Program ID:* 147-05-11-114**University of Southern California Program\***

Los Angeles County-USC Medical Center

*Program Director:*

Franco M Meggia, MD

Director Residency Training

University of Southern California Medical Center

1441 Eastlake Ave #162

Los Angeles, CA 90033

213 224-6677

*Length:* 2 Year(s)*Program ID:* 147-05-21-045**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center

Long Beach Memorial Medical Center

*Program Director:*

Nora Ku, MD

UCI Medical Center

Div of Hematology/Oncology

101 City Dr

Orange, CA 92668-8110

714 456-5152

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 147-05-21-170**San Francisco****University of California (San Francisco) Program\***

University of California (San Francisco) School of

Medicine

San Francisco General Hospital Medical Center

University of California (San Francisco) Medical Center

Veterans Affairs Medical Center (San Francisco)

*Program Director:*

I Craig Henderson, MD

University of California San Francisco

505 Parnassus Ave

Moffitt Hospital Rm M-1282

San Francisco, CA 94143

415 476-6700

*Length:* 2 Year(s)*Program ID:* 147-05-21-135**Stanford****Stanford University Program\***

Stanford University Hospital

Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Saul A Rosenberg, MD

Stanford University Medical Center

Medicine/Oncology Room M211

Stanford, CA 94305-5306

415 725-6455

*Length:* 2 Year(s) *Total Positions:* 15*Program ID:* 147-05-21-020**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program\***

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Jerome B Block, MD

Los Angeles County-Harbor-UCLA Medical Center

Bin 400 1000 W Carson St

Torrance, CA 90509

213 533-2444

*Length:* 2 Year(s)*Program ID:* 147-05-11-156

\* Updated information not provided.

## Colorado

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Madeleine A Kane, MD PhD  
Univ of Colorado Health Sciences Ctr Div of Med  
Oncology  
4200 E Ninth Ave Box B171  
Denver, CO 80262  
303 270-8801

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 147-07-21-056

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Vincent T DeVita Jr, MD  
Yale-New Haven Medical Center Section of Medical  
Oncology

333 Cedar Street PO Box 208032  
New Haven, CT 06520-8032

203 785-6007

*Length:* 2 Year(s) *Total Positions:* 14

*Program ID:* 147-08-21-021

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Catherine M Broome, MD  
George Washington University Hospital Dept of Medicine  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-4200

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 147-10-21-101

#### Georgetown University Program

Georgetown University Hospital

*Program Director:*

Edward P Gelmann, MD  
Georgetown University Hospital  
Div of Hematology/Oncology  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 687-2198

*Length:* 2 Year(s) *Total Positions:* 13

*Program ID:* 147-10-21-078

### Howard University Program\*

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

Elliott Perlin, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1511

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 147-10-21-116

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

James W Lynch, MD  
Ward D Noyes, MD  
University of Florida Dept of Medicine  
Div of Medical Oncology  
PO Box 100277  
Gainesville, FL 32610-0277  
904 392-4611

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 147-11-21-032

### Jacksonville

#### University of Florida Health Science Center/ Jacksonville Program

University Medical Center (UFHSC/J)  
Baptist Medical Center (UFHSC/J)

*Program Director:*

Troy H Guthrie Jr, MD  
Dept of Medicine  
Div of Hematology/Oncology  
655 W Eighth St  
Jacksonville, FL 32209-6511  
904 549-3072

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 147-11-21-022

## Illinois

### Chicago

#### Cook County Hospital Program\*

Cook County Hospital

*Program Director:*

Gail Shimoto, MD  
Cook County Hospital  
1825 W Harrison  
Chicago, IL 60612  
312 633-7117

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 147-16-12-034

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Jules E Harris, MD  
Rush-Presbyterian-St Luke's Medical Center  
1753 W Congress Pkwy  
Chicago, IL 60612  
312 942-5904

*Length:* 2 Year(s)

*Program ID:* 147-16-11-119

## Evanston

#### St Francis Hospital of Evanston Program

St Francis Hospital of Evanston  
Northwestern Memorial Hospital

*Program Director:*

Thomas N Gynn, MD  
St Francis Hospital of Evanston  
355 Ridge Ave  
Evanston, IL 60202-3399  
708 492-6227

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 147-16-11-158

## Maywood

#### Loyola University Program\*

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Kenneth C Micetich, MD  
Section of Hematology-Oncology Bldg 54 Room 049  
2160 S First Ave  
Maywood, IL 60153  
708 216-6011

*Length:* 2 Year(s) *Total Positions:* 7

*Program ID:* 147-16-21-003

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Ronald L Stephens, MD MA  
University of Kansas Medical Center  
Clinical Oncology Div  
3901 Rainbow Blvd  
Kansas City, KS 66160-7353  
913 588-6029

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 147-19-21-102

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

William J John, MD  
University Hospital-Albert B Chandler Medical Center  
Hematology/Oncology  
Markey Cancer Center  
Lexington, KY 40536  
606 257-4500

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 147-20-21-159

\* Updated information not provided.

**Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation

*Program Director:*

Richard J Gralla, MD

Alton Ochsner Medical Foundation

Dept. of Graduate Medical Education

1516 Jefferson Hwy

New Orleans, LA 70121

504 842-3261

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 147-21-22-131**Louisiana State University Program**

Louisiana State University School of Medicine

Medical Center of Louisiana at New Orleans-LSU Division

Medical Center of Louisiana University Hospital Campus

*Program Director:*

Richard H Vial, MD

LSU Med Ctr

1542 Tulane Ave

New Orleans, LA 70112

504 568-5843

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 147-21-21-058**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine

Johns Hopkins Hospital

*Program Director:*

Ross C Donehower, MD

The Johns Hopkins Oncology Center

600 N Wolfe St

Oncology-Rm 124

Baltimore, MD 21287-8936

410 956-8838

*Length:* 2 Year(s) *Total Positions:* 20**Program ID:** 147-23-11-067**Bethesda****National Institutes of Health Clinical Center Program\***

NIH Warren Grant Magnuson Clinical Center

National Naval Medical Center (Bethesda)

*Program Director:*

Robert E Wittes, RN

NIH Warren Grant Magnuson Clinical Center

Bldg 10 Rm 12N226

9000 Rockville Pike

Bethesda, MD 20892

301 496-4251

*Length:* 2 Year(s) *Total Positions:* 44**Program ID:** 147-23-21-183**National Naval Medical Center (Bethesda) Program**

National Naval Medical Center (Bethesda)

*Program Director:*

James N Frame, MD

National Naval Medical Center

Dept of Medicine

Bethesda, MD 20889-5600

301 295-1160

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 147-23-11-138**Massachusetts****Boston****Brigham and Women's Hospital Program 1**Brigham and Women's Hospital  
Dana-Farber Cancer Institute*Program Director:*

George P Canellos, MD

Dana-Farber Cancer Institute

44 Binney St

Boston, MA 02115

617 632-3470

*Length:* 2 Year(s) *Total Positions:* 24**Program ID:** 147-24-21-005**Brigham and Women's Hospital Program 2**Brigham and Women's Hospital  
Children's Hospital*Program Director:*

Lawrence N Shulman, MD

Dept of Medicine

Brigham and Women's Hospital

75 Francis St

Boston, MA 02115

617 732-6920

*Length:* 2 Year(s)**Program ID:** 147-24-21-184**Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*

Irene Kuter, MD DPhl

Massachusetts General Hospital

100 Blossom St

Cox Bldg 235

Boston, MA 02114

617 726-8743

*Length:* 2 Year(s)**Program ID:** 147-24-11-059**St Elizabeth's Medical Center of Boston Program**

St Elizabeth's Medical Center of Boston

*Program Director:*

Jiri Palek, MD

St Elizabeth's Medical Center

736 Cambridge St

Brighton, MA 02135

617 789-2660

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 147-24-21-049**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Kemp B Cease, MD

University of Michigan Medical Center

102 Observatory

Ann Arbor, MI 48109-0724

313 936-5310

*Length:* 2 Year(s) *Total Positions:* 12**Program ID:** 147-25-21-069**Detroit****Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine

Detroit Receiving Hospital and University Health Center

Harper Hospital

Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Bruce G Redman, DO

Division of Hematology &amp; Oncology

WSU School of Medicine

Box 02143

Detroit, MI 48201-0188

313 745-4700

*Length:* 2 Year(s) *Total Positions:* 12**Program ID:** 147-25-21-042**East Lansing****Michigan State University Program**

Michigan State University College of Human Medicine

Michigan State University Clinical Center

*Program Director:*

Kenneth A Schwartz, MD

Michigan State University Hospitals

Dept of Medicine

B226 B Life Science Bldg

East Lansing, MI 48824

517 353-3728

*Length:* 2 Year(s)**Program ID:** 147-25-21-084**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Freeman Wilner, MD

William Beaumont Hospital

3601 W 13 Mile Rd

Royal Oak, MI 48073

810 288-4500

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 147-25-12-161**Southfield****Providence Hospital Program**

Providence Hospital

*Program Director:*

Anibal Drelichman, MD

Providence Hospital

Medical Educ

16001 W Nine Mile Rd

Southfield, MI 48075

810 424-3216

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 147-25-21-185**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine

University Hospital

*Program Director:*

James T Thigpen, MD

University Hospital

2500 N State St

Jackson, MS 39216

601 984-5590

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 147-27-21-070

\* Updated information not provided.



## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Michael C Perry, MD  
Ellis Fischel Cancer Center Rm 518  
115 Business Loop 70-W  
Columbia, MO 65203-3299  
314 882-6163

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 147-28-21-071

### New Jersey

#### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

*Program Director:*

Frederick Cohen, MD  
UMDNJ-University Hospital  
185 S Orange Ave  
Newark, NJ 07103-2757  
201 982-5257

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 147-33-21-168

#### South Orange

#### Seton Hall University School of Graduate Medical Education Program\*

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center  
St Michael's Medical Center (Cathedral Health Services Inc)

*Program Director:*

Pradeep S Mahal, MD  
St. Elizabeth Hospital  
225 Williamson St  
Elizabeth, NJ 07207  
908 527-5000

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 147-33-21-043

## New Mexico

#### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Laurence Elias, MD  
UNM Cancer Research & Treatment Center  
900 Camino de Salud NE  
Albuquerque, NM 87131-5636  
505 277-5837

*Length:* 2 Year(s)  
*Program ID:* 147-34-21-163

## New York

#### Albany

#### Albany Medical Center Program\*

Albany Medical Center Hospital

*Program Director:*

George P Sartiano, MD  
Albany Medical College Div of Medical Oncology A-52  
47 New Scotland Ave  
Albany, NY 12208  
518 445-5297

*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 147-35-31-026

#### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

Montefiore Medical Center-Weiler Hospital

*Program Director:*

Peter H Wiernik, MD  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467  
718 920-4826

*Length:* 2 Year(s) *Total Positions:* 16  
*Program ID:* 147-35-21-091

#### Brooklyn

#### Brooklyn Hospital Center Program

Brooklyn Hospital Center  
Woodhull Medical and Mental Health Center

*Program Director:*

Angelica B Miotti, MD  
The Brooklyn Hospital Center  
Div of Hematology/Oncology  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 250-6960

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 147-35-12-165

#### Interfaith Medical Center Program

Interfaith Medical Center  
Memorial Sloan-Kettering Cancer Center

*Program Director:*

Richard S Stark, MD  
Interfaith Medical Center  
555 Prospect Pl  
Brooklyn, NY 11238  
718 935-7870

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 147-35-21-124

#### Long Island College Hospital Program\*

Long Island College Hospital

*Program Director:*

Director Residency Training  
Long Island College Hospital  
340 Henry St  
Brooklyn, NY 11201  
718 780-4651

*Length:* 2 Year(s)  
*Program ID:* 147-35-11-051

#### New York Methodist Hospital Program

New York Methodist Hospital

*Program Director:*

Adolfo Elizalde, MD  
Methodist Hospital of Brooklyn  
506 Sixth St  
Brooklyn, NY 11215  
718 780-3246

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 147-35-11-126

#### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium

Roswell Park Cancer Institute  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Ellis G Levine, MD  
Roswell Park Cancer Institute  
Dept of Medicine  
Elm & Carlton Sts  
Buffalo, NY 14263  
716 845-8547

*Length:* 2 Year(s) *Total Positions:* 15  
*Program ID:* 147-35-31-008

#### East Meadow

#### SUNY at Stony Brook (East Meadow) Program

Nassau County Medical Center

*Program Director:*

Stephen Feffer, MD  
Nassau County Medical Center  
2201 Hempstead Trmpk  
East Meadow, NY 11564-5400  
516 572-4713

*Length:* 2 Year(s) *Total Positions:* 1  
*Program ID:* 147-35-21-085

#### Manhasset

#### North Shore University Hospital Program

North Shore University Hospital

*Program Director:*

Vincent P Vinci Guerra, MD  
North Shore University Hospital  
Dept of Medicine  
300 Community Dr  
Manhasset, NY 11030-3800  
516 562-8955

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 147-35-21-152

#### New York

#### New York Hospital/Cornell Medical Center Program

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Dean F Bajorin, MD  
Memorial Sloan-Kettering Cancer Center  
1275 York Ave  
New York, NY 10021  
212 639-5809

*Length:* 2 Year(s) *Total Positions:* 51  
*Program ID:* 147-35-21-160

\* Updated information not provided.

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*  
Ronald H Blum, MD  
New York University Medical Center  
Division of Oncology  
550 First Ave  
New York, NY 10016  
212 263-6485

*Length:* 2 Year(s) *Total Positions:* 10  
**Program ID:** 147-35-21-106

**St Luke's-Roosevelt Hospital Center (Roosevelt) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division

*Program Director:*  
Harvey J Weiss, MD  
St Luke's-Roosevelt Hospital Center  
1000 Tenth Ave  
New York, NY 10019  
212 523-7281

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 147-35-11-092

**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
Milayna Subar, MD  
St Luke's Roosevelt Hospital Center  
Amsterdam Ave & 114th St  
New York, NY 10025  
212 523-2400

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 147-35-21-164

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester  
Rochester General Hospital

*Program Director:*  
John M Bennett, MD  
Strong Memorial Hospital  
601 Elmwood Ave Box 704  
Rochester, NY 14642  
716 338-4020

*Length:* 2 Year(s)  
**Program ID:** 147-35-11-167

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*  
Jonathan Wright, MD  
Dept of Medicine  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-4353

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 147-35-21-093

**Valhalla****New York Medical College at Westchester County and Medical Center Program\***

New York Medical College  
Westchester County Medical Center

*Program Director:*  
Tauseef Ahmed, MD  
New York Medical College  
Dept of Medicine  
Valhalla, NY 10595  
914 993-4400

*Length:* 2 Year(s)  
**Program ID:** 147-35-11-011

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*  
Louis E Schroder, MD  
Barrett Cancer Center/University Hospital  
234 Goodman Ave  
Cincinnati, OH 45267-0501  
513 558-3830

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 147-38-21-073

**Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland  
MetroHealth Medical Center

*Program Director:*  
Clark W Distelhorst, MD  
Case Western Reserve University  
Hematology/Oncology Division  
10900 Euclid Ave (BRE)  
Cleveland, OH 44106-4937  
216 368-1176

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 147-38-21-146

**Toledo****Medical College of Ohio at Toledo Program\***

Medical College of Ohio Hospital  
St Vincent Medical Center

*Program Director:*  
Roland T Skeel, MD  
Medical College of Ohio at Toledo  
PO Box 10008  
Dept of Medicine  
Toledo, OH 43699-0008  
419 381-3727

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 147-38-21-013

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*  
Gerald M Segal, MD  
Bruce W Dana, MD  
Oregon Health Sciences University - L580  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-8534

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 147-40-31-149

**Pennsylvania****Philadelphia****MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital

*Program Director:*  
Rosaline R Joseph, MD  
Medical College of Pennsylvania Hospital  
Div of Med Oncology  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6980

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 147-41-21-107

**Presbyterian Medical Center of Philadelphia Program**

Presbyterian Medical Center of Philadelphia

*Program Director:*  
Rene Rothstein-Rubin, MD  
Presbyterian Med Ctr of Philadelphia  
51 N 39th St  
Philadelphia, PA 19104-2640  
215 662-8947

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 147-41-21-182

**Temple University Program**

Temple University Hospital  
Fox Chase Cancer Center

*Program Director:*  
Rita S Axelrod, MD  
Temple University Cancer Center  
3322 N Broad St  
PO Box 38346  
Philadelphia, PA 19140  
215 707-2777

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 147-41-21-028

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*  
Gary E Fishbein, MD  
Thomas Jefferson University Hospital  
11th & Walnut St  
Philadelphia, PA 19107  
215 955-8875

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 147-41-21-029

\* Updated information not provided.

## University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Stephen G Emerson, MD PhD  
Hematology-Oncology Section  
Hosp of the Univ of Pennsylvania  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 662-3910

*Length:* 2 Year(s) *Total Positions:* 13

*Program ID:* 147-41-21-019

## Pittsburgh

### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Bernard L Zidar, MD  
Div of Med Oncology  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-3630

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 147-41-11-036

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

David C Smith, MD  
University of Pittsburgh Medical Center  
Div of Med Oncology  
200 Lothrop St  
Pittsburgh, PA 15213-2592  
412 648-6576

*Length:* 2 Year(s) *Total Positions:* 18

*Program ID:* 147-41-21-037

## Puerto Rico

### Rio Piedras

#### San Juan City Hospital Program\*

San Juan City Hospital  
One Gonzalez Martinez Oncologic Hospital  
University Hospital Ramon Ruiz Arnau  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Luis Baez, MD  
Dept of Medicine  
San Juan City Hospital  
Box 21405  
Rio Piedras, PR 00928  
809 758-7348

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 147-42-11-088

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Enrique Velez-Garcia, MD  
University Hospital Puerto Rico Medical Center  
Box 5067  
San Juan, PR 00935  
809 754-3896

*Length:* 2 Year(s)

*Program ID:* 147-42-21-109

## Rhode Island

### Providence

#### Brown University (Roger Williams) Program

Roger Williams Medical Center  
Memorial Hospital of Rhode Island  
Miriam Hospital  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Alan B Weitberg, MD  
Brown University  
Roger Williams Hospital  
Box G  
Providence, RI 02912  
401 456-2072

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 147-43-31-038

## South Carolina

### Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program

Richland Memorial Hospital-Univ of South Carolina Sch of Med  
Williams Jennings Bryan Dorn Veterans Hospital

*Program Director:*

James A McFarland, MD  
Center for Cancer Treatment and Research  
Seven Richland Medical Park  
Ste 202  
Columbia, SC 29203  
803 434-4532

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 147-45-21-080

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Alvin M Mauer, MD  
The University of Tennessee Memphis  
3 N Dunlap Rm 327  
Memphis, TN 38163  
901 448-5717

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 147-47-21-129

## Texas

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center

*Program Director:*

Marvin J Stone, MD  
Baylor University Medical Center  
3500 Gaston Ave  
Dallas, TX 75246  
214 820-3445

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 147-48-31-076

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

James T Lin, MD  
University of Texas Medical Branch  
4.164 John Sealy Hospital R-0565  
Galveston, TX 77555-0565  
409 772-1164

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 147-48-21-053

### Houston

#### Baylor College of Medicine Program\*

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital

Veterans Affairs Medical Center (Houston)

*Program Director:*

Garrett R Lynch, MD  
Baylor College of Medicine-Texas Medical Center  
6550 Fannin Ste 1053  
Houston, TX 77030  
713 798-4461

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 147-48-21-077

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
University of Texas M D Anderson Cancer Center

*Program Director:*

Richard Pazdur, MD  
Univ of Texas-M D Anderson Cancer Center Box 92  
1515 Holcombe Blvd  
Houston, TX 77030  
713 792-7246

*Length:* 2 Year(s) *Total Positions:* 30

*Program ID:* 147-48-31-039

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

Geoffrey R Weiss, MD  
University of Texas Health Science Center  
Div of Medical Oncology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7884  
210 617-5186

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 147-48-21-062

\* Updated information not provided.

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital

*Program Director:*

John J Rinehart, MD  
Graduate Med Educ  
Scott and White Hospital  
2401 S 31st St  
Temple, TX 76508  
800 299-4463

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 147-48-21-186

**Utah****Salt Lake City****University of Utah Program**University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)*Program Director:*

James P Kushner, MD  
Div of Hematology-Oncology  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-6734

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 147-49-21-150

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Charles E Myers Jr, MD  
University of Virginia Hospitals Dept of Medicine  
MR4 Box 1131  
Charlottesville, VA 22908  
804 982-4190

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 147-51-21-017

**Washington****Seattle****University of Washington Program**University of Washington School of Medicine  
Fred Hutchinson Cancer Research Center  
University of Washington Medical Center*Program Director:*

Robert B Livingston, MD  
University of Washington Hospital Medical Center  
1959 NE Pacific St RC-08  
Seattle, WA 98195  
206 548-4125

*Length:* 2 Year(s) *Total Positions:* 18  
**Program ID:** 147-54-21-175

**West Virginia****Morgantown****West Virginia University Program**

West Virginia University Hospitals

*Program Director:*

Edward B Crowell, MD  
West Virginia University Health Sciences Center  
Dept of Medicine  
PO Box 9162  
Morgantown, WV 26506-9162  
304 293-4229

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 147-55-21-187

**Wisconsin****Madison****University of Wisconsin Program**University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital*Program Director:*

James A Stewart, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave Rm K4/630  
UW Comprehensive Cancer Center  
Madison, WI 53792-0001  
608 263-1399

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 147-56-21-111

**Milwaukee****Medical College of Wisconsin Program**Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyno Hospital*Program Director:*

Tom Anderson, MD  
Medical College of Wisconsin  
8700 W Wisconsin Ave  
Box 133  
Milwaukee, WI 53226  
414 257-4559

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 147-56-31-040

**Ophthalmology****Alabama****Birmingham****University of Alabama Medical Center Program**University of Alabama Hospital  
Cooper Green Hospital  
Eye Foundation Hospital  
Veterans Affairs Medical Center (Birmingham)*Program Director:*

Harold W Skalka, MD  
Eye Foundation Hospital  
700 S 18th St  
Ste 300  
Birmingham, AL 35233  
205 325-8507

*Length:* 3 Year(s) *Total Positions:* 18  
**Program ID:** 240-01-21-015

**Arizona****Tucson****University of Arizona Program**University of Arizona College of Medicine.  
Kino Community Hospital  
University Medical Center  
Veterans Affairs Medical Center (Tucson)*Program Director:*

Joseph M Miller, MD  
University of Arizona College of Medicine  
Dept of Ophthalmology  
1801 N Campbell Ave  
Tucson, AZ 85719-3758  
602 321-3677

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 240-03-21-171

**Arkansas****Little Rock****University of Arkansas for Medical Sciences Program**University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas*Program Director:*

Charles D Rice, MD  
Univ of Arkansas for Medical Sciences Dept of  
Ophthalmology  
4301 W Markham St  
Mail Slot 523  
Little Rock, AR 72205-7199  
501 686-5150

*Length:* 4 Year(s) *Total Positions:* 12  
**Program ID:** 240-04-21-018

\* Updated information not provided.

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital  
Riverside General Hospital-University Medical Center

*Program Director:*

David L Wilkins, MD  
Dept of Ophthalmology  
11370 Anderson St #1800  
Loma Linda, CA 92354  
909 799-8414

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 240-05-21-023

### Los Angeles

#### Charles R Drew University Program

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*

Richard Casey, MD  
Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
310 668-4531

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 240-05-21-026

#### UCLA Medical Center Program

UCLA School of Medicine  
Los Angeles County-Harbor-UCLA Medical Center  
UCLA Medical Center-Jules Stein Eye Institute  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Bartly J Mondino, MD  
Jules Stein Eye Institute  
-100 Stein Plaza UCLA  
Los Angeles, CA 90024-7000  
310 825-5053

*Length:* 3 Year(s) *Total Positions:* 24  
**Program ID:** 240-05-21-027

#### University of Southern California Program\*

Los Angeles County-USC Medical Center

*Program Director:*

Alfredo A Sadun, MD PhD  
Los Angeles County-USC Medical Center  
1200 N State St Box 664  
Los Angeles, CA 90033  
213 342-6417

*Length:* 3 Year(s) *Total Positions:* 24  
**Program ID:** 240-05-21-025

#### White Memorial Medical Center Program

White Memorial Medical Center

*Program Director:*

David J Fuerst, MD  
White Memorial Medical Center  
414 N Boyle Ave  
Los Angeles, CA 90033  
213 269-0644

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 240-05-21-029

## Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Baruch D Kuppermann, MD  
University of California (Irvine) College of Medicine  
Dept of Ophthalmology  
Centerpointe  
Irvine, CA 92717-4375  
714 856-6256

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 240-05-21-022

## Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

John L Keltner, MD  
University of California (Davis) School of Medicine  
Dept of Ophthalmology  
1603 Alhambra Blvd  
Sacramento, CA 95816  
916 734-6967

*Length:* 4 Year(s) *Total Positions:* 2  
**Program ID:** 240-05-21-020

## San Diego

#### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

*Program Director:*

Neil T Choplin, MD  
Dept of Ophthalmology  
Naval Medical Center  
34800 Bob Wilson Dr  
San Diego, CA 92134-5000  
619 532-6702

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 240-05-32-008

#### University of California (San Diego) Program\*

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Don Kikkawa, MD  
University of California (San Diego)  
Dept of Ophthalmology  
UCSD Eye Ctr/0618  
La Jolla, CA 92093  
619 534-2238

*Length:* 3 Year(s)  
**Program ID:** 240-05-21-030

## San Francisco

#### California Pacific Medical Center Program

California Pacific Medical Center  
California Pacific Medical Center (Pacific Campus)  
Highland General Hospital

*Program Director:*

Barrett Katz, MD  
Dept of Ophthalmology  
California Pacific Medical Center  
2340 Clay St  
San Francisco, CA 94115  
415 923-3900

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 240-05-22-031

#### University of California (San Francisco) Program\*

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Creig S Hoyt, MD  
Univ of California (San Francisco) School of Medicine  
Dept of Ophthalmology K-301  
10 Kirkham St  
San Francisco, CA 94143-0730  
415 476-1921

*Length:* 3 Year(s) *Total Positions:* 15  
**Program ID:** 240-05-21-032

## Stanford

#### Stanford University Program

Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Michael Marmor, MD  
Stanford University Hospital  
Rm A157 Dept of Ophthalmology  
Stanford, CA 94305-5308  
415 723-5517

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 240-05-21-033

## Colorado

### Aurora

#### Fitzsimons Army Medical Center Program

Fitzsimons Army Medical Center

*Program Director:*

Maj Eric A Sieck, MD  
Ophthalmology Service  
Fitzsimons Army Medical Center  
Aurora, CO 80045-5001  
303 361-3770

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 240-07-12-003

## Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Philip P Ellis, MD  
Univ of Colorado Health Sciences Ctr Dept of Ophthalmology  
4200 E Ninth Ave Container #B-204  
Denver, CO 80262  
303 270-8635

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 240-07-21-035

\* Updated information not provided.

**Connecticut****New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Joseph Caprioli, MD  
Yale Univ Dept of Ophthalmology & Visual Sci &  
the Yale Eye Ctr for Clin Research  
PO Box 208061  
New Haven, CT 06520-8061  
203 785-7233

*Length:* 3 Year(s) *Total Positions:* 12

**Program ID:** 240-08-21-036

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital  
Veterans Affairs Medical Center (Martinsburg)

*Program Director:*

Mansour F Armaly, MD  
George Washington University  
2150 Pennsylvania Ave NW  
Fl 2A-422  
Washington, DC 20037  
202 994-4048

*Length:* 3 Year(s) *Total Positions:* 12

**Program ID:** 240-10-21-039

**Georgetown University Program\***

Georgetown University Hospital  
District of Columbia General Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Georgia A Chrousos, MD  
Georgetown University Medical Center  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 625-7665

*Length:* 3 Year(s)

**Program ID:** 240-10-21-038

**Howard University Program\***

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

Nancy E Williams, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-6100

*Length:* 3 Year(s) *Total Positions:* 8

**Program ID:** 240-10-21-040

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

William P Madigan Jr, MD  
Ophthalmology Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-2960

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 240-10-12-004

**Washington Hospital Center Program**

Washington Hospital Center

*Program Director:*

William B Glew, MD  
Washington Hospital Center  
110 Irving St NW  
Ste 1A-19  
Washington, DC 20010-2975  
202 877-6982

*Length:* 3 Year(s) *Total Positions:* 14

**Program ID:** 240-10-32-041

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
University Medical Center (UFHSC/J)  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

George A Stern, MD  
Box 100284 JHMHC  
Dept of Ophthalmology  
University of Florida  
Gainesville, FL 32610-0284  
904 392-3451

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID:** 240-11-21-042

**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center  
Bascom Palmer Eye Institute-Anne Bates Leach Eye  
Hospital  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Richard Parrish, MD  
Bascom Palmer Eye Institute  
PO Box 016880  
Miami, FL 33101-6880  
305 326-6389

*Length:* 3 Year(s) *Total Positions:* 33

**Program ID:** 240-11-11-043

**Tampa****University of South Florida Program**

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Curtis Margo, MD  
University of South Florida  
Dept of Ophthalmology  
Box 21 12901 B Downs Blvd  
Tampa, FL 33612-4799  
813 978-5915

*Length:* 3 Year(s) *Total Positions:* 15

**Program ID:** 240-11-21-044

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Geoffrey Broecker, MD  
Emory University School of Medicine Dept of  
Ophthalmology  
1327 Clifton Rd NE  
Atlanta, GA 30322  
404 248-4630

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID:** 240-12-21-045

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Malcolm N Luxenberg, MD  
Medical College of Georgia  
Department of Ophthalmology  
Augusta, GA 30912-3400  
706 721-4237

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 240-12-21-046

**Illinois****Chicago****Cook County Hospital Program**

Cook County Hospital

*Program Director:*

Alan J Axelrod, MD  
Cook County Hospital Div of Ophthalmology  
1835 W Harrison St  
Chicago, IL 60612-9985  
312 633-6383

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 240-16-22-047

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Children's Memorial Medical Center  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Michael Rosenberg, MD  
Northwestern University Medical School  
Dept of Ophthalmology  
645 N Michigan Ave Ste 440  
Chicago, IL 60611  
312 908-8152

*Length:* 3 Year(s) *Total Positions:* 19

**Program ID:** 240-16-21-049

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Thomas A Deutsch, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Ste 906-Professional Bldg  
Chicago, IL 60612-3864  
312 942-5370

*Length:* 3 Year(s) *Total Positions:* 8

**Program ID:** 240-16-11-050

\* Updated information not provided.

## Accredited Programs in Ophthalmology

### University of Chicago Program

University of Chicago Hospitals  
Oak Forest Hospital of Cook County

*Program Director:*

Samir C Patel, MD  
University of Chicago Visual Sciences Center  
939 E 57th St MC2114  
Chicago, IL 60637-1470  
312 702-1985

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 240-16-21-174

### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*

John W Chandler, MD  
Jacob T Wilensky, MD  
University of Illinois Eye and Ear Infirmary  
1855 W Taylor M/C 648  
Chicago, IL 60612  
312 996-6590

*Length:* 3 Year(s) *Total Positions:* 29

**Program ID:** 240-16-21-052

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Charles S Bouchard, MD  
Loyola University Chicago Stritch School of Medicine  
Foster G McGaw Hospital  
2160 S First Ave  
Maywood, IL 60153  
708 216-3408

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 240-16-21-054

### Springfield

#### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

Joseph M Feder, MD  
Southern Illinois University  
520 N Fourth St  
PO Box 10230  
Springfield, IL 62794-9230  
217 524-8666

*Length:* 3 Year(s) *Total Positions:* 4

**Program ID:** 240-16-31-176

### Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Methodist Hospital of Indiana  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Robert D Yee, MD  
Indiana University Hospitals  
702 Rotary Circle  
Indianapolis, IN 46202-5175  
317 274-7101

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID:** 240-17-21-055

### Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Keith D Carter, MD  
University of Iowa Hospitals and Clinics  
Dept of Ophthalmology  
Iowa City, IA 52242-1009  
319 356-7997

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID:** 240-18-11-056

### Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

John D Hunkeler, MD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7379  
913 588-6605

*Length:* 4 Year(s) *Total Positions:* 10

**Program ID:** 240-19-21-057

### Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Robert S Baker, MD  
University of Kentucky/Kentucky Clinic  
Dept of Ophthalmology  
E 304 Kentucky Clinic  
Lexington, KY 40536-0284  
606 323-5867

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID:** 240-20-21-058

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

John W Gamel, MD  
University of Louisville  
Dept of Ophthalmology  
301 E Muhammad Ali Blvd  
Louisville, KY 40292  
502 852-5466

*Length:* 3 Year(s) *Total Positions:* 11

**Program ID:** 240-20-21-059

### Louisiana

### New Orleans

#### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation  
Eye Ear Nose and Throat Hospital  
Leonard J Chabert Medical Center  
University of South Alabama Medical Center

*Program Director:*

H Sprague Eustis, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-3995

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID:** 240-21-22-061

#### Louisiana State University Program

Louisiana State University School of Medicine  
Louisiana State University Eye Center  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Donald R Bergsma, MD  
Louisiana State University Med Ctr Dept of Ophthalmology  
2020 Gravier St Ste B  
New Orleans, LA 70112  
504 568-6700

*Length:* 4 Year(s) *Total Positions:* 20

**Program ID:** 240-21-21-060

#### Tulane University Program

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

Zeynel A Karcioğlu, MD  
Tulane University School of Medicine  
Dept of Ophthalmology  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5804

*Length:* 3 Year(s) *Total Positions:* 28

**Program ID:** 240-21-21-062

### Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*

James P Ganley, MD PhD  
Louisiana State University Medical Center Hospital  
Medical Education - Ophthalmology  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-5012

*Length:* 3 Year(s) *Total Positions:* 12

**Program ID:** 240-21-21-063

\* Updated information not provided.

## Maryland

### Baltimore

#### Greater Baltimore Medical Center Program

Greater Baltimore Medical Center

*Program Director:*

Charles P Wilkinson, MD  
Greater Baltimore Medical Center  
Dept of Ophthalmology  
6569 N Charles St Pavilion 505 W  
Baltimore, MD 21204  
410 828-2196

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID: 240-23-12-064**

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Terrence P O'Brien, MD  
The Wilmer Institute Woods 255  
600 N Wolfe St  
Baltimore, MD 21287-9121  
410 955-1871

*Length:* 3 Year(s) *Total Positions:* 15

**Program ID: 240-23-21-065**

#### Maryland General Hospital Program\*

Maryland General Hospital

*Program Director:*

Samuel D Friedel, MD  
Maryland General Hospital  
827 Linden Ave  
Baltimore, MD 21201  
301 225-8077

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID: 240-23-12-066**

#### Sinai Hospital of Baltimore Program

Sinai Hospital of Baltimore

*Program Director:*

Harold R Katz, MD  
Krieger Eye Institute  
Sinai Hospital of Baltimore  
2411 W Belvedere Ave  
Baltimore, MD 21215-5271  
410 578-5522

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID: 240-23-21-067**

#### University of Maryland Program\*

University of Maryland Medical System

*Program Director:*

Mark W Preslan, MD  
University of Maryland  
Dept of Ophthalmology  
22 S Greene St  
Baltimore, MD 21201-1590  
410 328-5746

*Length:* 3 Year(s) *Total Positions:* 9

**Program ID: 240-23-21-068**

### Bethesda

#### National Naval Medical Center (Bethesda) Program\*

National Naval Medical Center (Bethesda)

*Program Director:*

Cdr Gordon A Byrnes, MD  
National Naval Medical Center  
Dept of Ophthalmology  
8901 Wisconsin Ave  
Bethesda, MD 20889-5000\*  
301 295-0542

*Length:* 3 Year(s) *Total Positions:* 12

**Program ID: 240-23-21-009**

## Massachusetts

### Boston

#### Boston University Program

Boston University Medical Center-University Hospital  
Boston City Hospital  
Brigham and Women's Hospital

*Program Director:*

Howard M Leibowitz, MD  
Dept of Ophthalmology  
80 E Concord St L907  
Boston, MA 02118-2394  
617 638-4550

*Length:* 3 Year(s) *Total Positions:* 13

**Program ID: 240-24-21-069**

#### Massachusetts Eye and Ear Infirmary Program

Massachusetts Eye and Ear Infirmary

*Program Director:*

Anthony P Adamis, MD  
Massachusetts Eye and Ear Infirmary  
243 Charles St  
Boston, MA 02114-3096  
617 573-3529

*Length:* 3 Year(s) *Total Positions:* 24

**Program ID: 240-24-21-070**

#### Tufts University Program

New England Medical Center Hospitals  
Veterans Affairs Medical Center (Boston)

*Program Director:*

Joel S Schuman, MD  
New England Eye Center  
New England Medical Center Hospital  
750 Washington St Box 450  
Boston, MA 02111  
617 636-7950

*Length:* 3 Year(s) *Total Positions:* 12

**Program ID: 240-24-21-071**

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Terry J Bergstrom, MD  
Univ of Michigan Medical School  
W K Kellogg Eye Ctr Box 0714  
1000 Wall St  
Ann Arbor, MI 48105  
313 764-5208

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID: 240-25-11-072**

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

J David Carey, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-3239

*Length:* 3 Year(s) *Total Positions:* 15

**Program ID: 240-25-12-073**

### Sinai Hospital Program

Sinai Hospital

*Program Director:*

Hugh Beckman, MD  
Sinai Hospital of Detroit  
6767 W Outer Dr  
Detroit, MI 48235-2899  
313 493-5157

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID: 240-25-31-074**

### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Hutzel Hospital

*Program Director:*

Robert S Jampel, MD  
Kresge Eye Institute  
4717 St Antoine  
Detroit, MI 48201  
313 577-1320

*Length:* 3 Year(s) *Total Positions:* 18

**Program ID: 240-25-21-075**

### Royal Oak

#### William Beaumont Hospital Program

William Beaumont Hospital

*Program Director:*

Raymond R Margherio, MD  
William Beaumont Hospital  
3601 W Thirteen Mile Rd  
Royal Oak, MI 48073  
810 551-2175

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID: 240-25-21-165**

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Martha M Wright, MD  
University of Minnesota Dept of Ophthalmology  
UMHC Box 493  
420 Delaware St SE  
Minneapolis, MN 55455-0501  
612 625-4400

*Length:* 3 Year(s) *Total Positions:* 17

**Program ID: 240-26-21-077**

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

David C Herman, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-4339

*Length:* 3 Year(s) *Total Positions:* 15

**Program ID: 240-26-21-078**

\* Updated information not provided.



## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Samuel B Johnson, MD  
University of Mississippi Medical Center  
2500 N State St McBryde Bldg  
Jackson, MS 39216  
601 984-5020

*Length:* 3 Year(s) *Total Positions:* 10  
**Program ID:** 240-27-21-079

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital

*Program Director:*

John W Cowden, MD  
Univ of Missouri-Columbia Hospital and Clinics  
One Hospital Dr  
Columbia, MO 65212  
314 882-1029

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 240-28-22-080

### Kansas City

#### University of Missouri at Kansas City Program

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital  
Truman Medical Center-West

*Program Director:*

Nelson R Sabates, MD  
University of Missouri at Kansas City School of Medicine  
2300 Holmes St  
Kansas City, MO 64108  
816 881-6154

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 240-28-21-081

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Anheuser-Busch Eye Institute

*Program Director:*

David J Schanzlin, MD  
Anheuser-Busch Eye Inst  
1755 S Grand Blvd  
St Louis, MO 63104  
314 865-8330

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 240-28-21-083

## Washington University Program

Barnes Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Anthony Lubniewski, MD  
William J Dinning, MD  
Washington University School of Medicine  
Dept of Ophthalmology  
660 S Euclid Box 8096  
St Louis, MO 63110  
314 362-3744

*Length:* 3 Year(s) *Total Positions:* 18  
**Program ID:** 240-28-21-084

## Nebraska

### Omaha

#### University of Nebraska Program

University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

David M Chacko, MD PhD  
University of Nebraska Medical Center  
600 S 42nd St  
Omaha, NE 68198-5540  
402 559-4276

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 240-30-21-085

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center  
Frankford Hospital (Torresdale Campus)  
Medical College Hospitals-Elkins Park Campus

*Program Director:*

David B Soll, MD  
Div of Ophthalmology  
3 Cooper Plaza  
Ste 510  
Camden, NJ 08103  
609 342-7200

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 240-33-21-172

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Jersey City Medical Center

Newark Eye and Ear Infirmary (United Hospitals Med Ctr)

UMDNJ-University Hospital

*Program Director:*

Christopher M Seery, MD  
UMD-New Jersey Medical School  
Dept of Ophthalmology  
90 Bergen St Doc-6th Fl  
Newark, NJ 07103-2499  
201 982-2036

*Length:* 3 Year(s) *Total Positions:* 15  
**Program ID:** 240-33-21-086

## New York

### Albany

#### Albany Medical Center Program\*

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Michael W Belin, MD  
Dept of Ophthalmology A-77  
Albany Medical College  
New Scotland Ave  
Albany, NY 12208-3479  
518 459-0744

*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID:** 240-35-21-087

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Harry Engel, MD  
Montefiore Med Ctr Dept of Ophthalmology  
Centennial Bldg Rm 306  
111 E 210th St  
Bronx, NY 10467  
718 920-4286

*Length:* 3 Year(s) *Total Positions:* 18  
**Program ID:** 240-35-21-093

#### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center

*Program Director:*

Peter S Hersh, MD  
Bronx-Lebanon Hospital Center  
1650 Selwyn Ave Apt 10G  
Bronx, NY 10457  
718 960-2041

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 240-35-21-095

### Brooklyn

#### Brookdale Hospital Medical Center Program\*

Brookdale Hospital Medical Center

*Program Director:*

George F Hyman, MD  
Linden Blvd at Brookdale Plaza  
Brooklyn, NY 11212  
718 240-5827

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 240-35-11-096

#### Interfaith Medical Center Program

Interfaith Medical Center

*Program Director:*

Wally Kopelowitz, MD  
Interfaith Medical Center  
Dept of Ophthalmology  
555 Prospect Pl  
Brooklyn, NY 11238  
718 935-7293

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 240-35-11-100

\* Updated information not provided.

**SUNY Health Science Center at Brooklyn Program\***

SUNY HSC at Brooklyn College of Medicine  
Brooklyn Hospital Center  
Coney Island Hospital  
Kings County Hospital Center  
Long Island College Hospital  
Maimonides Medical Center  
University Hospital-SUNY Health Science Center at Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*  
Arthur Wolintz, MD  
SUNY Downstate Med Ctr  
450 Clarkson Ave  
Brooklyn, NY 11203  
718 270-1961  
*Length:* 3 Year(s)  
*Program ID:* 240-35-21-113

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Children's Hospital of Buffalo  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*  
William H Coles, MD  
Erie County Medical Center  
462 Grider St  
Buffalo, NY 14215-8110  
716 898-3316  
*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 240-35-11-170

**East Meadow****Nassau County Medical Center Program**

Nassau County Medical Center  
Veterans Affairs Medical Center (Northport)

*Program Director:*  
Elsa K Rahn, MD  
Nassau County Medical Center  
2201 Hempstead Trnpl  
East Meadow, NY 11554-5400  
516 572-6706  
*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 240-35-31-091

**Jamaica****Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
Catholic Medical Center (Mary Immaculate Hospital)

*Program Director:*  
Cono M Grasso, MD  
Andrew W Danyluk, MD  
Catholic Medical Center of Brooklyn and Queens  
88-25 153rd St  
Jamaica, NY 11432  
718 380-8050  
*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-35-21-098

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*  
Steven Rubin, MD  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030-1111  
516 562-4503  
*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-35-11-092

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Queens Hospital Center

*Program Director:*  
Michael L Slavin, MD  
Long Island Jewish Medical Center  
Dept of Ophthalmology  
New Hyde Park, NY 11040  
718 470-7141  
*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 240-35-21-102

**New York****Harlem Hospital Center Program**

Harlem Hospital Center  
Presbyterian Hospital in the City of New York

*Program Director:*  
R Linsy Farris, MD  
Harlem Hospital Center  
506 Lenox Ave  
New York, NY 10037  
212 939-3500  
*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-35-11-099

**Lenox Hill Hospital Program**

Lenox Hill Hospital  
North General Hospital

*Program Director:*  
Stephen A Obstbaum, MD  
100 E 77th St  
New York, NY 10021-1883  
212 434-2385  
*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-35-11-101

**Manhattan Eye Ear and Throat Hospital Program\***

Manhattan Eye Ear and Throat Hospital

*Program Director:*  
James S Schutz, MD  
Manhattan Eye Ear and Throat Hospital  
210 E 64th St  
New York, NY 10021  
212 605-3722  
*Length:* 3 Year(s) *Total Positions:* 28  
*Program ID:* 240-35-21-168

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Beth Israel Medical Center  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*  
Janet B Serle, MD  
Mount Sinai School of Medicine  
One Gustave L Levy Pl  
Box 1183  
New York, NY 10029  
212 241-0939  
*Length:* 3 Year(s) *Total Positions:* 21  
*Program ID:* 240-35-21-104

**New York Eye and Ear Infirmary Program**

New York Eye and Ear Infirmary

*Program Director:*  
Richard B Rosen, MD  
New York Eye and Ear Infirmary  
310 E 14th St  
New York, NY 10003  
212 978-4495  
*Length:* 3 Year(s) *Total Positions:* 21  
*Program ID:* 240-35-22-105

**New York Hospital/Cornell Medical Center Program\***

New York Hospital

*Program Director:*  
D Jackson Coleman, MD  
New York Hospital  
525 E 68th St  
New York, NY 10021  
212 472-5293  
*Length:* 3 Year(s)  
*Program ID:* 240-35-21-169

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*  
Kenneth G Noble, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6433  
*Length:* 3 Year(s) *Total Positions:* 15  
*Program ID:* 240-35-21-108

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*  
Anthony Donn, MD  
Presbyterian Hospital in the City of New York  
635 W 165th St  
New York, NY 10032  
212 305-2725  
*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 240-35-11-109

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
James C Newton, MD  
St Luke's-Roosevelt Hospital Center  
114th St & Amsterdam Ave  
New York, NY 10025  
212 523-2562  
*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-35-31-111

\* Updated information not provided.

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester  
Rochester General Hospital  
St Mary's Hospital

*Program Director:*

George H Bresnick, MD  
University of Rochester Medical Center  
PO Box 659  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-3256

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 240-85-21-115

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at Syracuse  
Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

John A Hoepner, MD  
SUNY Health Science Center at Syracuse  
University Hospital  
750 E Adams St  
Syracuse, NY 13210  
315 464-5253

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-85-21-116

## Valhalla

### New York Medical College at St Vincent's Hospital and Medical Center of New York Program

New York Medical College  
St Vincent's Hospital and Medical Center of New York  
Bayley Seton Hospital  
Cabrini Medical Center

*Program Director:*

Robert A D'Amico, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St  
New York, NY 10011  
212 604-8041

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 240-85-22-112

### New York Medical College at Westchester County Medical Center Program

New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
Our Lady of Mercy Medical Center  
Westchester County Medical Center

*Program Director:*

Steven B Zabin, MD  
New York Medical College  
Westchester County Medical Center  
Valhalla, NY 10595  
914 285-7671

*Length:* 3 Year(s) *Total Positions:* 18  
*Program ID:* 240-85-21-107

## North Carolina

### Chapel Hill

### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

Baird S Grimson, MD  
Univ of North Carolina  
Dept of Ophthalmology  
617 Burnett-Womack Bldg CB 7040  
Chapel Hill, NC 27599-7040  
919 966-5296

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 240-86-31-119

## Durham

### Duke University Program

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Stephen C Pollock, MD  
Duke University Medical Center  
Box 3802  
Durham, NC 27710  
919 684-4417

*Length:* 3 Year(s) *Total Positions:* 15  
*Program ID:* 240-86-31-118

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

M Madison Slusher, MD  
Wake Forest University Eye Center  
Medical Center Blvd  
Winston-Salem, NC 27157-1033  
910 716-3971

*Length:* 3 Year(s) *Total Positions:* 7  
*Program ID:* 240-86-11-120

## Ohio

## Akron

### Akron City Hospital (Summa Health System)/NEOUCOM Program

Akron City Hospital (Summa Health System)  
Children's Hospital Medical Center of Akron

*Program Director:*

James H Bates, MD  
Akron City Hospital  
525 Market St  
Akron, OH 44309  
216 535-2621

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-88-21-121

## Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Joshua J Sands, MD  
Section RP  
Hlth Professions Bldg #358  
Eden & Bethesda Ave  
Cincinnati, OH 45267-0527  
513 558-5151

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 240-88-21-122

## Cleveland

### Case Western Reserve University Program

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Jonathan Lass, MD  
University Hospitals of Cleveland  
11100 Euclid Ave  
Cleveland, OH 44106  
216 844-8577

*Length:* 3 Year(s) *Total Positions:* 15  
*Program ID:* 240-88-21-123

### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation  
St Vincent Charity Hospital and Health Center

*Program Director:*

Roger H S Langston, MD  
Cleveland Clinic Foundation  
Dept of Ophthalmology  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 240-88-22-124

### Mount Sinai Medical Center of Cleveland Program

Mount Sinai Medical Center of Cleveland

*Program Director:*

Mark Levine, MD  
Mt Sinai Medical Center of Cleveland  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
216 421-4585

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-88-11-125

### St Luke's Medical Center Program

St Luke's Medical Center

*Program Director:*

Howard D Kohn, MD  
Saint Luke's Medical Center  
11311 Shaker Blvd  
Cleveland, OH 44104  
216 368-7146

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-88-11-126

\* Updated information not provided.

**Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*

Paul A Weber, MD  
Dept of Ophthalmology  
5024-B Univ Hosp Clinic  
456 W Tenth Ave  
Columbus, OH 43210-1228  
614 293-8159

*Length:* 3 Year(s) *Total Positions:* 15**Program ID:** 240-38-21-127**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City

Children's Hospital of Oklahoma

McGee Eye Institute

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

James M Richard, MD  
Dean A McGee Eye Institute  
608 Stanton L Young Blvd  
Oklahoma City, OK 73104  
405 271-4066

*Length:* 3 Year(s) *Total Positions:* 13**Program ID:** 240-39-21-129**Oregon****Portland****Oregon Health Sciences University Program**Oregon Health Sciences University Hospital  
Good Samaritan Hospital and Medical Center  
Veterans Affairs Medical Center (Portland)*Program Director:*

Joseph E Robertson Jr, MD  
Casey Eye Institute  
Oregon Health Sciences University  
3375 SW Terwilliger Blvd  
Portland, OR 97201-4197  
503 494-3056

*Length:* 4 Year(s) *Total Positions:* 10**Program ID:** 240-40-21-131**Pennsylvania****Danville****Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*

Herbert J Ingraham, MD  
Geisinger Medical Center  
Dept of Ophthalmology  
N Academy Ave  
Danville, PA 17822-2120  
717 271-6531

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 240-41-21-132**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**Penn State University Hospital-Milton S Hershey Med Ctr  
Veterans Affairs Medical Center (Lebanon)*Program Director:*

Stuart H Goldberg, MD  
Milton S Hershey Medical Center  
Dept of Ophthalmology  
PO Box 850  
Hershey, PA 17033  
717 531-6051

*Length:* 3 Year(s) *Total Positions:* 9**Program ID:** 240-41-11-133**Philadelphia****MCPHU/Hahnemann University Hospital Program**Hahnemann University Hospital  
Veterans Affairs Medical Center (Wilkes-Barre)*Program Director:*

Elliot B Werner, MD  
Hahnemann University  
Broad & Vine Sts  
Mail Stop 209  
Philadelphia, PA 19102-1192  
215 448-1863

*Length:* 3 Year(s) *Total Positions:* 9**Program ID:** 240-41-21-134**Temple University Program**Temple University Hospital  
Lankenau Hospital  
The Medical Center of Delaware*Program Director:*

Stephen Wong, MD  
Department of Ophthalmology  
Temple University School of Med  
Broad & Tioga Sts 6PP  
Philadelphia, PA 19140  
215 707-4998

*Length:* 3 Year(s) *Total Positions:* 9**Program ID:** 240-41-21-164**Thomas Jefferson University Program**

Wills Eye Hospital

*Program Director:*

John B Jeffers, MD  
Wills Eye Hospital  
900 Walnut St  
Philadelphia, PA 19107-5598  
215 440-3167

*Length:* 3 Year(s) *Total Positions:* 32**Program ID:** 240-41-11-137**University of Pennsylvania Program**Hospital of the University of Pennsylvania  
Presbyterian Medical Center of Philadelphia  
Scheie Eye Institute  
University of Pennsylvania School of Medicine  
Veterans Affairs Medical Center (Philadelphia)*Program Director:*

Stuart L Fine, MD  
Scheie Eye Institute  
51 N 39th St  
Philadelphia, PA 19104  
215 662-8657

*Length:* 3 Year(s) *Total Positions:* 15**Program ID:** 240-41-21-136**Pittsburgh****St Francis Medical Center Program**St Francis Medical Center  
Allegheny General Hospital*Program Director:*

John C Barber, MD  
St Francis Medical Center  
Medical Education Office  
400 45th St  
Pittsburgh, PA 15201  
412 622-4489

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 240-41-21-139**University Health Center of Pittsburgh Program**University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Veterans Affairs Medical Center (Pittsburgh)*Program Director:*

Jerold S Gordon, MD  
The Eye & Ear Institute  
203 Lothrop St 9th Fl  
Pittsburgh, PA 15213  
412 647-2256

*Length:* 3 Year(s) *Total Positions:* 18**Program ID:** 240-41-21-138**Puerto Rico****San Juan****University of Puerto Rico Program**University of Puerto Rico School of Medicine  
San Juan City Hospital  
University Hospital  
Veterans Affairs Medical Center (San Juan)*Program Director:*

William Townsend, MD  
University of Puerto Rico School of Medicine  
GPO Box 5067  
San Juan, PR 00936  
809 756-7090

*Length:* 3 Year(s) *Total Positions:* 15**Program ID:** 240-42-21-141**Rhode Island****Providence****Rhode Island Hospital Program**Rhode Island Hospital  
Veterans Affairs Medical Center (Providence)*Program Director:*

King W To, MD  
Rhode Island Hospital  
593 Eddy St APC-744  
Providence, RI 02903  
401 444-8987

*Length:* 3 Year(s) *Total Positions:* 6**Program ID:** 240-43-11-142

\* Updated information not provided.

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

M Edward Wilson, MD  
Dept of Ophthalmology  
Medical Univ of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-2236  
803 782-8864

*Length:* 3 Year(s) *Total Positions:* 16  
*Program ID:* 240-45-21-143

### Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program

Richland Memorial Hospital-Univ of South Carolina Sch of Med  
Williams Jennings Bryan Dorn Veterans Hospital

*Program Director:*

Leslie A Olsakovsky, MD  
Richland Memorial Hospital University of South Carolina  
Dept of Ophthalmology  
4 Richland Med Pk Ste 100  
Columbia, SC 29203  
803 254-4398

*Length:* 4 Year(s) *Total Positions:* 9  
*Program ID:* 240-45-21-163

## Tennessee

### Chattanooga

#### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga  
Erlanger Medical Center  
T C Thompson Children's Hospital Medical Center  
Willie D Miller Eye Center

*Program Director:*

H M Lawrence, MD  
Chattanooga Unit-Univ of Tennessee College of Medicine  
Dept of Ophthalmology  
975 E Third St  
Chattanooga, TN 37403  
615 778-6163

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-47-11-144

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Methodist Hospital-Central Unit  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Richard D Drewry Jr, MD  
Univ of Tennessee Memphis  
Dept of Ophthalmology  
956 Court Ave Ste D228  
Memphis, TN 38163  
901 448-5883

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 240-47-21-145

## Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Denis M O'Day, MD  
Vanderbilt University School of Medicine  
Dept of Ophthalmology & Vis Sci  
8000 Medical Center E  
Nashville, TN 37232-8808  
615 936-1451

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 240-47-31-147

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

Veterans Affairs Medical Center (Dallas)

*Program Director:*

David R Weakley Jr, MD  
Univ of Texas Southwestern Medical School  
5323 Harry Hines Blvd  
Dallas, TX 75235-9057  
214 648-3837

*Length:* 3 Year(s) *Total Positions:* 23  
*Program ID:* 240-48-21-148

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

Benjamin Chacko, MD  
Brooke Army Medical Center  
HSHE-SDO Bldg 2376  
1950 Stanley Rd  
Fort Sam Houston, TX 78234-6351  
210 916-9245

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 240-48-21-006

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Stefan D Trocme, MD  
University of Texas Medical Branch  
301 University Blvd  
Galveston, TX 77555-0787  
409 772-2103

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 240-48-21-149

## Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Douglas D Koch, MD  
Baylor College of Medicine Dept of Ophthalmology  
6501 Fannin NC 200  
Houston, TX 77030  
713 798-5945

*Length:* 3 Year(s) *Total Positions:* 18  
*Program ID:* 240-48-21-150

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital

*Program Director:*

Richard S Ruiz, MD  
Hermann Eye Center  
6411 Fannin 7th Floor  
Houston, TX 77030-1697  
713 704-1777

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 240-48-21-151

### Lackland AFB

#### Wilford Hall USAF Medical Center Program\*

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Joseph S Weisman, MD  
Wilford Hall Medical Center  
Dept of Ophthalmology/PSSSE  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-6815

*Length:* 3 Year(s) *Total Positions:* 9  
*Program ID:* 240-48-11-001

### Lubbock

#### Texas Tech University (Lubbock) Program

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center  
Veterans Affairs Medical Center (Big Spring)

*Program Director:*

David L McCartney, MD  
Thompson Hall  
Dept of Ophthalmology  
Texas Tech Health Science Center  
Lubbock, TX 79430  
806 743-2400

*Length:* 3 Year(s) *Total Positions:* 11  
*Program ID:* 240-48-21-152

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

University Health Center-Downtown  
University Hospital-South Texas Medical Center

*Program Director:*

Richard J van Heuven, MD  
University of Texas Health Science Center  
Dept of Ophthalmology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-6230  
210 567-8406

*Length:* 3 Year(s) *Total Positions:* 13  
*Program ID:* 240-48-21-153

\* Updated information not provided.

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital  
Olin E Teague Veterans Center

*Program Director:*

J Paul Dieckert, MD  
Texas A&M-Scott and White  
Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 240-48-21-154

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Randall J Olson, MD  
John A Moran Eye Center  
Department of Ophthalmology  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-6384

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 240-49-21-155

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Stephen V Scoper, MD  
University of Virginia Health Sciences Center  
Dept of Ophthalmology  
Box 475  
Charlottesville, VA 22908  
804 924-5653

*Length:* 3 Year(s) *Total Positions:* 9

*Program ID:* 240-51-21-156

**Norfolk****Eastern Virginia Graduate School of Medicine Program**

Eastern Virginia Graduate School of Medicine  
Sentara Norfolk General Hospital  
Veterans Affairs Medical Center (Hampton)

*Program Director:*

Earl R Crouch Jr, MD  
Eastern Virginia Medical School  
880 Kempsville Rd Ste 2500  
Norfolk, VA 23502-3931  
804 461-0050

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 240-51-21-157

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Robert S Weinberg, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980262  
Richmond, VA 23298-0262  
804 828-9679

*Length:* 3 Year(s) *Total Positions:* 12

*Program ID:* 240-51-21-158

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Robert E Kalina, MD  
University of Washington School of Medicine  
Dept of Ophthalmology R J-10  
Seattle, WA 98195-0001  
206 543-3883

*Length:* 3 Year(s) *Total Positions:* 11

*Program ID:* 240-54-21-159

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center

*Program Director:*

Thomas H Mader, MD  
Madigan Army Medical Center  
Attn: HSHJ-SOU  
Ophthalmology Service  
Tacoma, WA 98431-5000  
206 968-1770

*Length:* 3 Year(s) *Total Positions:* 2

*Program ID:* 240-54-21-175

**West Virginia****Morgantown****West Virginia University Program**

West Virginia University Hospitals  
Louis A Johnson Veterans Affairs Medical Center

*Program Director:*

Judie P Charlton, MD  
West Virginia University Hospital  
Dept of Ophthalmology  
Morgantown, WV 26506  
304 293-3757

*Length:* 4 Year(s) *Total Positions:* 6

*Program ID:* 240-55-21-160

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Todd W Perkins, MD  
University of Wisconsin  
Ophthalmology Dept  
2880 University Ave Rm 342  
Madison, WI 53705-3631  
608 263-5279

*Length:* 3 Year(s) *Total Positions:* 20

*Program ID:* 240-56-21-161

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyne Hospital

*Program Director:*

Kenneth Simons, MD  
Milwaukee County Medical Complex  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 257-5561

*Length:* 3 Year(s) *Total Positions:* 22

*Program ID:* 240-56-21-162

\* Updated information not provided.

# Orthopaedic Surgery

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama  
Cooper Green Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

John Cuckler, MD  
Division of Orthopedic Surgery  
1813 6th Ave S  
MEB 604  
Birmingham, AL 35233-3295  
205 934-4668

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* HSO, OSM

*Program ID:* 260-01-21-044

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center  
Children's Hospital of Alabama  
USA Doctors Hospital

*Program Director:*

Angus M McBryde Jr, MD  
Univ of South Alabama Med Ctr  
2451 Fillingim St  
Mobile, AL 36617  
205 471-7937

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 2)

*Program ID:* 260-01-11-182

## Arizona

### Phoenix

#### Maricopa Medical Center Program

Maricopa Medical Center  
Carl T Hayden Veterans Affairs Medical Center (Phoenix)  
Children's Rehabilitative Services  
Harrington Arthritis Research Center

*Program Director:*

Robert R Karpman, MD MBA  
Maricopa Medical Center  
Orthopedics Dept  
2601 E Roosevelt  
Phoenix, AZ 85008  
602 267-5402

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 3)

*Subspecialties:* HSO

*Program ID:* 260-03-22-073

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
Tucson Medical Center  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

James B Benjamin, MD  
Arizona Health Sciences Center  
Section of Orthopedic Surgery  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-4024

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 260-03-31-054

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Carl L Nelson, MD  
University of Arkansas for Medical Sciences  
4301 W Markham  
Mail Slot #531  
Little Rock, AR 72205  
501 686-5251

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 4)

*Program ID:* 260-04-21-094

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital  
San Bernardino County Medical Center

*Program Director:*

William P Bunnell, MD  
Loma Linda University Medical Center  
Dept of Orthopaedic Surgery RmA525  
11234 Anderson St  
Loma Linda, CA 92354  
909 824-4413

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* HSO

*Program ID:* 260-05-21-063

### Los Angeles

#### Charles R Drew University Program\*

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center  
LAC-Rancho Los Amigos Medical Center  
Orthopaedic Hospital

*Program Director:*

Clarence Woods, MD  
Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
213 603-4534

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 260-05-22-069

#### UCLA Medical Center Program

UCLA School of Medicine  
Shriners Hospital for Crippled Children (Los Angeles)  
UCLA Medical Center  
Veterans Affairs Medical Center (Sepulveda)  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Joseph M Lane, MD  
UCLA School of Medicine  
Dept of Orthopaedic Surgery  
Rm 76-134  
Los Angeles, CA 90024-6902  
310 825-6986

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 6)

*Program ID:* 260-05-21-078

### University of Southern California Program

Los Angeles County-USC Medical Center  
Childrens Hospital of Los Angeles  
LAC-Rancho Los Amigos Medical Center  
Orthopaedic Hospital  
USC University Hospital

*Program Director:*

Michael J Patzakis, MD  
USC Orthopaedic Residency Program  
2025 Zonal Ave COH 3900  
Los Angeles, CA 90033  
213 226-7210

*Length:* 5 Year(s) *Total Positions:* 62 (GYI: 12)

*Subspecialties:* HSO

*Program ID:* 260-05-21-193

## Oakland

### Naval Hospital (Oakland) Program

Naval Hospital (Oakland)  
Shriners Hospital for Crippled Children (San Francisco)

*Program Director:*

Capt A Herbert Alexander, MD  
Naval Hospital Oakland  
Dept of Orthopaedic Surgery  
Oakland, CA 94627-5000  
510 633-5047

*Length:* 4 Year(s) (GYI: 0)

*Program ID:* 260-05-11-020

## Orange

### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Children's Hospital of Orange County  
LAC-Rancho Los Amigos Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Harry B Skinner, MD  
University of California (Irvine) Medical Center  
Dept of Orthopaedic Surgery  
101 City Dr S  
Orange, CA 92668  
714 456-5754

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Program ID:* 260-05-21-064

## Sacramento

### University of California (Davis) Program

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (Sacramento)

*Program Director:*

Michael W Chapman, MD  
University of California (Davis) Medical Center  
Dept of Orthopaedics  
2230 Stockton Blvd  
Sacramento, CA 95817  
916 734-2709

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 4)

*Subspecialties:* HSO

*Program ID:* 260-05-21-133

## San Diego

### Naval Medical Center (San Diego) Program\*

Naval Medical Center (San Diego)

*Program Director:*

Gregory R Mack, MD  
Naval Hospital  
Dept of Orthopedic Surgery  
San Diego, CA 92134  
619 532-8426

*Length:* 4 Year(s)

*Subspecialties:* HSO

*Program ID:* 260-05-31-079

\* Updated information not provided.

**University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Children's Hospital and Health Center  
Veterans Affairs Medical Center (San Diego)

**Program Director:**

Wayne H Akesson, MD  
Univ of California San Diego Dept of Orthopedics  
Business Office  
9500 Gilman Dr #0022  
La Jolla, CA 92093-0022  
619 534-8112

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* HSO

**Program ID:** 260-05-21-109

**San Francisco****San Francisco Program\***

St Mary's Hospital and Medical Center  
Highland General Hospital  
Kaiser Foundation Hospital (San Francisco)  
Seton Medical Center

**Program Director:**

Garnet F Wynne, MD  
St Mary's Hospital and Medical Center  
450 Stanyan St  
San Francisco, CA 94117-4160  
415 750-5782

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)

**Program ID:** 260-05-22-108

**University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
California Pacific Medical Center (Pacific Campus)  
Children's Hospital Medical Center of Northern California  
Highland General Hospital  
San Francisco General Hospital Medical Center  
Shriners Hospital for Crippled Children (San Francisco)  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

**Program Director:**

David S Bradford, MD  
University of California San Francisco  
Dept of Orthopaedic Surgery  
500 Parnassus MU320W  
San Francisco, CA 94143-0728  
415 476-2280

*Length:* 5 Year(s) *Total Positions:* 36 (GYI: 6)

*Subspecialties:* HSO

**Program ID:** 260-05-21-002

**Stanford****Stanford University Program**

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

**Program Director:**

Stuart B Goodman, MD  
Stanford University Medical Center  
Div of Orthopaedic Surgery  
300 Pasteur Dr Rm R171  
Stanford, CA 94305-5326  
415 725-5903

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 3)

*Subspecialties:* HSO, OAR

**Program ID:** 260-05-21-098

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

**Program Director:**

Daniel M Zinar, MD  
Los Angeles County-Harbor-UCLA Medical Center  
1000 W Carson St  
Torrance, CA 90509  
310 222-2716

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

**Program ID:** 260-05-31-122

**Colorado****Aurora****Fitzsimons Army Medical Center Program**

Fitzsimons Army Medical Center  
Children's Hospital

**Program Director:**

Edward J Lisecki Jr, MD  
Fitzsimons Army Medical Center  
Orthopaedic Surgery Service  
Aurora, CO 80045-5001  
303 361-8591

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID:** 260-07-22-091

**Denver****University of Colorado Program\***

University of Colorado Health Sciences Center  
Children's Hospital  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

**Program Director:**

R C Fisher, MD  
University of Colorado Health Science Center  
4200 E 9th Ave  
UCHSC Container B202  
Denver, CO 80262  
303 270-7647

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* OSM

**Program ID:** 260-07-21-004

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
Newington Children's Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital

**Program Director:**

Bruce Browner, MD  
University of Connecticut Health Center  
Dept of Orthopaedics  
10 Talcott Notch Rd PO Box 4037  
Farmington, CT 06034-4037  
203 679-6640

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* HSO, OSM

**Program ID:** 260-08-21-172

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Hospital of St Raphael  
Veterans Affairs Medical Center (West Haven)

**Program Director:**

Gary E Friedlaender, MD  
Yale University School of Medicine  
Dept of Orthopaedics & Rehab  
PO Box 208071  
New Haven, CT 06520-8071  
203 785-2582

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)

**Program ID:** 260-08-21-005

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
Fairfax Hospital  
George Washington University Hospital  
Washington Hospital Center

**Program Director:**

Robert J Neviasser, MD  
George Washington University Dept of Orthopedic Surgery  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-4386

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* OP

**Program ID:** 260-10-21-083

**Georgetown University Program**

Georgetown University Hospital  
Arlington Hospital  
Sibley Memorial Hospital

**Program Director:**

Sam W Wiesel, MD  
Georgetown University Hospital  
Dept of Orthopaedic Surgery  
3800 Reservoir Rd NW  
Washington, DC 20007-2197  
202 687-8766

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

*Subspecialties:* OSM

**Program ID:** 260-10-21-014

**Howard University Program\***

Howard University Hospital  
Children's National Medical Center  
District of Columbia General Hospital  
Providence Hospital  
Veterans Affairs Medical Center (Washington DC)

**Program Director:**

Richard E Grant, MD  
Howard University Hospital  
Div of Orthopaedic Surgery  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1182

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 0)

**Program ID:** 260-10-21-115

\* Updated information not provided.



### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center  
Alfred I. DuPont Institute of the Nemours Foundation

*Program Director:*  
Kathleen A McHale, MD  
Walter Reed Army Medical Center  
Div of Orthopedics  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-6666

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)  
*Specialties:* OSM  
*Program ID:* 260-10-11-075

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*  
William Petty, MD  
University of Florida College of Medicine  
Department of Orthopaedics  
PO Box 100246 JHMHC  
Gainesville, FL 32610-0246  
904 392-4251

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)  
*Specialties:* OAR, OMO, OSS  
*Program ID:* 260-11-21-123

### Jacksonville

#### University of Florida Health Science Center/ Jacksonville Program

University Medical Center (UFHSC/J)  
Nemours Children's Clinic (UFHSC/J)

*Program Director:*  
James M Perry, MD  
University of Florida Health Science Center/Jacksonville  
653-11 W 8th St  
Jacksonville, FL 32209  
904 549-3965

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Specialties:* OP  
*Program ID:* 260-11-21-062

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Doctor's Hospital  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
Frank J Eismont, MD  
University of Miami School of Medicine  
Dept of Orthopaedic & Rehab  
PO Box 016960 D-27  
Miami, FL 33101  
305 585-7138

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 6)  
*Specialties:* OSS  
*Program ID:* 260-11-21-076

## Orlando

### Orlando Regional Healthcare System Program

Orlando Regional Medical Center  
Florida Elks Children's Hospital

*Program Director:*  
John F Connolly, MD  
Orlando Regional Healthcare System  
1414 Kuhl Ave  
Orlando, FL 32806  
407 649-6885

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 2)  
*Program ID:* 260-11-22-184

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children  
Scottish Rite Children's Medical Center  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*  
John Gray Seiler III, MD  
Grady Memorial Hospital  
69 Butler St SW Ste 402  
Atlanta, GA 30303  
404 616-4475

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 5)  
*Program ID:* 260-12-21-039

#### Georgia Baptist Medical Center Program

Georgia Baptist Medical Center  
Scottish Rite Children's Medical Center

*Program Director:*  
John A Ogden, MD  
Dept of Medical Education  
303 Parkway Dr NE  
PO Box 423  
Atlanta, GA 30312  
404 265-4600

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)  
*Program ID:* 260-12-22-113

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*  
Monroe I Levine, MD  
Medical College of Georgia  
Orthopaedic Surgery  
Augusta, GA 30912-4030  
706 721-2846

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 260-12-21-114

### Fort Gordon

#### Dwight David Eisenhower Army Medical Center Program

Dwight David Eisenhower Army Medical Center  
Scottish Rite Children's Medical Center

*Program Director:*  
Joseph M Erpelding, MD  
Dwight David Eisenhower Army Medical Center  
Orthopaedic Surgery Serv  
Fort Gordon, GA 30905-5650  
706 791-8130

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 260-12-21-192

## Hawaii

### Honolulu

#### University of Hawaii Program

University of Hawaii John A Burns School of Medicine  
LAC-Rancho Los Amigos Medical Center  
Queen's Medical Center  
Shriners Hospital for Crippled Children (Honolulu)  
Tripler Army Medical Center

*Program Director:*  
James R Doyle, MD  
Univ of Hawaii John A Burns School of Medicine  
1356 Lusitana Sts Rm 614  
Honolulu, HI 96813-2478  
808 547-4561

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Specialties:* OP  
*Program ID:* 260-14-21-068

### Tripler AMC

#### Tripler Army Medical Center Program

Tripler Army Medical Center

*Program Director:*  
Gregg W Taylor, MD  
Tripler Army Medical Center  
Orthopaedic Surgery Service  
Honolulu, HI 96859-5000  
808 433-6727

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 260-14-31-086

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center  
Cook County Hospital  
Evanston Hospital  
Lutheran General Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*  
Michael F Schafer, MD  
Northwestern University Medical School  
Dept of Orthopaedics  
303 E Chicago Ave #9-084  
Chicago, IL 60611-3008  
312 908-7937

*Length:* 5 Year(s) *Total Positions:* 45 (GYI: 9)  
*Program ID:* 260-16-21-007

#### Rush Medical College Program

Rush-Presbyterian-St Luke's Medical Center  
Cook County Hospital  
Shriners Hospital for Crippled Children (Chicago)

*Program Director:*  
Ken N Kuo, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-5850

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 4)  
*Specialties:* OSM, OSS  
*Program ID:* 260-16-31-174

\* Updated information not provided.

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

Michael A Simon, MD  
University of Chicago Hospitals  
5841 S Maryland Ave MC3079  
Chicago, IL 60637-1470  
312 702-6144

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)*Subspecialties:* HSO, OSM**Program ID:** 260-16-21-136**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
Cook County Hospital  
Michael Reese Hospital and Medical Center  
Ravenswood Hospital Medical Center  
Shriners Hospital for Crippled Children (Chicago)  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Riad Barmada, MD  
University of Illinois Hospital  
Dept of Orthopaedics  
Ortho 209 Box 6998 M/C 844  
Chicago, IL 60680  
312 996-7160

*Length:* 5 Year(s) *Total Positions:* 35 (GYI: 7)**Program ID:** 260-16-21-047**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital  
Shriners Hospital for Crippled Children (Chicago)

*Program Director:*

Terry R Light, MD  
Loyola University Medical Center  
2160 S First Ave  
Bldg 54  
Maywood, IL 60153  
708 216-4570

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 4)**Program ID:** 260-16-21-050**Springfield****Southern Illinois University Program**

Southern Illinois University School of Medicine  
LAC-Rancho Los Amigos Medical Center  
Memorial Medical Center  
St John's Hospital

*Program Director:*

E Shannon Stauffer, MD  
Southern Illinois University School of Medicine  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-8864

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)*Subspecialties:* OSS**Program ID:** 260-16-21-110**Indiana****Fort Wayne****Fort Wayne Medical Education Program**

Lutheran Hospital of Indiana  
Fort Wayne State Development Center  
Parkview Memorial Hospital  
St Joseph's Medical Center

*Program Director:*

James G Buchholz, MD  
Lutheran Hospital of Indiana Inc  
7950 W Jefferson Blvd  
Fort Wayne, IN 46804  
219 435-7494

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)**Program ID:** 260-17-22-138**Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
Methodist Hospital of Indiana  
Richard L Roudebush Veterans Affairs Medical Center  
St Vincent Hospital and Health Care Center  
William N Wishard Memorial Hospital

*Program Director:*

G Paul De Rosa, MD  
Indiana University Medical Center  
541 Clinical Dr Rm 600  
Indianapolis, IN 46202-5111  
317 274-5650

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 5)*Subspecialties:* HSO**Program ID:** 260-17-21-008**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Reginald R Cooper, MD  
University of Iowa Hospitals and Clinics  
Dept of Orthopaedic Surgery  
Iowa City, IA 52242-1009  
319 356-3470

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 5)*Subspecialties:* HSO, OP**Program ID:** 260-18-21-139**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

Brad Olney, MD  
University of Kansas Medical Center  
39th & Rainbow Blvd  
Kansas City, KS 66160-7387  
913 588-6138

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)**Program ID:** 260-19-21-140**Wichita****University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
Shriners Hospital for Crippled Children (St Louis)  
St Francis Regional Medical Center  
Veterans Affairs Medical Center (Wichita)  
Wesley Medical Center

*Program Director:*

George L Lucas, MD  
University of Kansas School of Medicine (Wichita)  
1010 N Kansas  
Wichita, KS 67214-3199  
316 268-5988

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 4)**Program ID:** 260-19-31-106**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Shriners Hospital for Crippled Children (Lexington)  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Herbert Kaufer, MD  
University Hospital-Albert B Chandler Medical Center  
Kentucky Clinic  
Dept of Orthopedic Surgery  
Lexington, KY 40536-0284  
606 323-5535

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 260-20-21-059**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Jewish Hospital  
Kosair Children's Hospital (Alliant Health System)  
Methodist Evangelical Hospital  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

John R Johnson, MD  
University of Louisville School of Medicine  
Dept of Orthopaedic Surgery  
Louisville, KY 40292  
502 852-5319

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)**Program ID:** 260-20-21-009**Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation  
Leonard J Chabert Medical Center  
Shriners Hospital for Crippled Children (Shreveport)

*Program Director:*

Michael R Wilson, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Medical Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-3970

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)**Program ID:** 260-21-22-056

\* Updated information not provided.

**Louisiana State University Program**

Louisiana State University School of Medicine  
Childrens Hospital  
Earl K Long Medical Center  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus  
University Medical Center (Lafayette)

*Program Director:*  
Robert D D'Ambrosia, MD  
Louisiana State University Medical Center  
2025 Gravier St  
New Orleans, LA 70112-2822  
504 568-4680

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
*Subspecialties:* OP,OSM  
*Program ID:* 260-21-21-141

**Tulane University Program**

Tulane University School of Medicine  
Childrens Hospital  
Huey P Long Regional Medical Center  
Hughston Sports Medicine Hospital  
Medical Center of Louisiana at New Orleans-Tulane  
Division  
Shriners Hospital for Crippled Children (Tampa)  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center (Alexandria)  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*  
Robert L Barrack, MD  
Tulane University School of Medicine  
1430 Tulane Ave  
Dept of Orthopaedic Surgery  
New Orleans, LA 70112  
504 587-2016

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 0)  
*Subspecialties:* OSM  
*Program ID:* 260-21-31-010

**Shreveport**

**Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center  
Shriners Hospital for Crippled Children (Shreveport)

*Program Director:*  
James A Albright, MD  
Louisiana State University Medical Center Hospital  
Medical Education - Orthopaedics  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-6180

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)  
*Program ID:* 260-21-21-043

**Maryland**

**Baltimore**

**Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Children's Hospital and Center for Reconstructive  
Surgery  
Good Samaritan Hospital of Maryland  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*  
Richard N Stauffer, MD  
Johns Hopkins Hospital Dept of Orthopaedic Surgery  
5th Fl Outpatient Center  
601 N Caroline St  
Baltimore, MD 21287-0882  
410 955-9300

*Length:* 5 Year(s) *Total Positions:* 26 (GYI: 5)  
*Subspecialties:* OSM  
*Program ID:* 260-23-21-057

**Union Memorial Hospital Program**

Union Memorial Hospital  
Children's Hospital and Center for Reconstructive  
Surgery  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*  
Leslie S Matthews, MD  
The Union Memorial Hospital  
Dept of Orthopaedics  
3333 N Calvert St Ste 400  
Baltimore, MD 21218  
410 554-2857

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Subspecialties:* OSM  
*Program ID:* 260-23-31-087

**University of Maryland Program\***

University of Maryland Medical System  
James Lawrence Kernan Hospital  
St Agnes Hospital of the City of Baltimore

*Program Director:*  
John E Kenzora, MD  
University of Maryland Medical System  
Div of Orthopaedic Surgery  
22 S Greene St  
Baltimore, MD 21201  
410 328-6040

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 260-23-31-088

**Bethesda**

**National Naval Medical Center (Bethesda) Program**

National Naval Medical Center (Bethesda)

*Program Director:*  
Frederick G Lippert, MD  
Frederick B Shannon, MD  
National Naval Medical Center  
Dept of Orthopaedics  
Bethesda, MD 20889-5000  
301 295-4315

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 0)  
*Program ID:* 260-23-21-183

**Massachusetts**

**Boston**

**Boston University Program**

Boston University Medical Center-University Hospital  
Baystate Medical Center  
Boston City Hospital  
Lahey Clinic  
Shriners Hospital for Crippled Children (Springfield)

*Program Director:*  
Isadore G Yablon, MD  
Boston University Medical Center Dept of Orthopedic  
Surgery  
88 E Newton St  
Boston, MA 02118  
617 638-5633

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
*Program ID:* 260-24-31-066

**Harvard Medical School Program**

Massachusetts General Hospital  
Beth Israel Hospital  
Brigham and Women's Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center  
Children's Hospital

*Program Director:*  
Henry J Mankin, MD  
Massachusetts General Hospital  
Dept Orthopaedic Surgery  
Gray Bldg 606  
Boston, MA 02114  
617 726-2943

*Length:* 5 Year(s) *Total Positions:* 50 (GYI: 10)  
*Subspecialties:* HSO,OMO,OP,OSM  
*Program ID:* 260-24-21-011

**Tufts University Program**

New England Medical Center Hospitals  
New England Baptist Hospital  
Newton-Wellesley Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*  
Michael J Goldberg, MD  
New England Medical Center  
Department of Orthopaedics  
750 Washington St Box 202  
Boston, MA 02111  
617 956-5180

*Length:* 5 Year(s) *Total Positions:* 24 (GYI: 0)  
*Subspecialties:* HSO,OSM  
*Program ID:* 260-24-21-013

**Worcester**

**University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
Medical Center of Central Massachusetts  
St Vincent Hospital

*Program Director:*  
Arthur M Pappas, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-2171

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
*Subspecialties:* OSM  
*Program ID:* 260-24-21-170

**Michigan**

**Ann Arbor**

**University of Michigan Program**

University of Michigan Hospitals  
St Joseph Mercy Hospital (Catherine McAuley Health  
System)  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
Larry S Matthews, MD  
University of Michigan Hospitals 2912-D Trauma Center  
1500 E Medical Center Dr  
PO Box 0328  
Ann Arbor, MI 48109-0328  
313 936-5685

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 6)  
*Program ID:* 260-25-21-074

\* Updated information not provided.

**Detroit****Grace Hospital Program**

Grace Hospital  
Providence Hospital  
Shriners Hospital for Crippled Children (Erie)  
Sinai Hospital

*Program Director:*

Maurice E Castle, MD  
Metropolitan NW Detroit Hospitals  
Grace Hospital Orthopedics Dept  
6071 W Outer Dr  
Detroit, MI 48235  
313 966-4750

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

**Program ID: 260-25-21-177**

**Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Eric L Radin, MD  
Henry Ford Hospital  
Orthopedic Surgery  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-3879

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 6)

*Subspecialties:* OTR

**Program ID: 260-25-11-142**

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Hutzel Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Robert H Fitzgerald Jr, MD  
Hutzel Hospital 1 South  
4707 St Antoine  
Detroit, MI 48201  
313 745-8248

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 6)

*Subspecialties:* OAR, OMO, OSM

**Program ID: 260-25-21-012**

**Flint****McLaren Regional Medical Center Program**

McLaren Regional Medical Center  
Hurley Medical Center  
Michigan State University Clinical Center

*Program Director:*

Melvyn D Wolf, MD  
McLaren Regional Medical Center  
401 Ballenger Hwy  
Flint, MI 48532-3685  
313 762-2111

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 260-25-12-089**

**Grand Rapids****Blodgett Memorial Medical Center Program**

Blodgett Memorial Medical Center  
Butterworth Hospital  
St Mary's Health Services

*Program Director:*

Alfred B Swanson, MD  
Grand Rapids Orthopaedic Residency Program  
Medical Education Office  
1840 Wealthy SE  
Grand Rapids, MI 49506  
616 774-7426

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* HSO

**Program ID: 260-25-21-195**

**Kalamazoo****Kalamazoo Center for Medical Studies/Michigan State University Program**

Kalamazoo Center for Medical Studies  
Borgess Medical Center  
Bronson Methodist Hospital

*Program Director:*

E Dennis Lyne, MD  
Kalamazoo Center for Medical Studies/MSU  
1000 Oakland Dr  
Kalamazoo, MI 49008  
616 337-6250

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 260-25-21-126**

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Harry N Herkowitz, MD  
William Beaumont Hospital-MOB  
3535 W Thirteen Mile Rd  
Ste 604  
Royal Oak, MI 48073  
810 551-0426

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 260-25-12-173**

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
Abbott-Northwestern Hospital  
Gillette Children's Hospital  
Hennepin County Medical Center  
Shriners Hospital for Crippled Children (Twin Cities Unit)

University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Roby C Thompson Jr, MD  
University of Minnesota Hospital and Clinics  
420 Delaware St SE  
PO Box 492  
Minneapolis, MN 55455  
612 625-1177

*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 0)

*Subspecialties:* HSO, OSS

**Program ID: 260-28-21-080**

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Robert H Cofield, MD  
Mayo Graduate School of Medicine  
MGSM Application Processing Center  
200 First St SW  
Rochester, MN 55905  
507 284-4331

*Length:* 5 Year(s) *Total Positions:* 60 (GYI: 12)

*Subspecialties:* OAR

**Program ID: 260-26-21-121**

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

James L Hughes, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5135

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

*Subspecialties:* HSO

**Program ID: 260-27-21-006**

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
AMI Columbia Regional Hospital  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Jeffrey O Anglen, MD  
University of Missouri-Columbia Program  
One Hospital Dr  
Columbia, MO 65212  
314 882-7189

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID: 260-28-21-148**

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital  
St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

James J Hamilton, MD  
Truman Medical Center  
Dept of Orthopaedic Surgery  
2301 Holmes St  
Kansas City, MO 64108  
816 556-3561

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 0)

*Subspecialties:* OSM

**Program ID: 260-28-21-018**

\* Updated information not provided.

## St Louis

### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital  
St Mary's Health Center

*Program Director:*

Robert E Burdge, MD  
St Louis University School of Medicine  
3635 Vista at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8850

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
*Program ID:* 260-28-21-046

### Washington University Program

Barnes Hospital  
Shriners Hospital for Crippled Children (St Louis)  
St Louis Children's Hospital  
St Louis Regional Medical Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Paul R Manske, MD  
Barnes Hospital  
One Barnes Hospital Plaza  
Suite 11300  
St Louis, MO 63110  
314 362-4080

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Subspecialties:* OSS  
*Program ID:* 260-28-21-060

## Nebraska

### Omaha

#### University of Nebraska/Creighton University Program

University of Nebraska Medical Center  
AMI St Joseph Hospital at Creighton Univ Medical Center  
Veterans Affairs Medical Center (Lincoln)  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

James R Neff, MD  
University of Nebraska Medical Center  
Dept Orthopaedic Surgery  
600 S 42nd St PO Box 981080  
Omaha, NE 68198-1080  
402 559-8000

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 4)  
*Program ID:* 260-30-21-001

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
Newington Children's Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Philip M Bernini, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-5970

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
*Program ID:* 260-32-21-082

## New Jersey

### Long Branch

#### Monmouth Medical Center Program

Monmouth Medical Center  
Children's Hospital of Philadelphia

*Program Director:*

Angelo J Lopano, MD  
Monmouth Medical Center  
300 Second Ave  
Room 231 Stanley Wing  
Long Branch, NJ 07740-9998  
908 870-5451

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 1)  
*Program ID:* 260-33-11-146

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Hackensack Medical Center  
Hospital Center at Orange  
Jersey City Medical Center  
Orthopedic Center (United Hospitals Medical Center)  
UMDNJ-University Hospital

*Program Director:*

Fred F Behrens, MD  
UMDNJ-New Jersey Medical School  
Department of Orthopaedics  
185 S Orange Ave MSB G574  
Newark, NJ 07103-2757  
201 982-5350

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 0)  
*Program ID:* 260-33-31-102

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Children's Hospital of Philadelphia  
Raritan Bay Medical Center-Perth Amboy Division  
St Peter's Medical Center

*Program Director:*

Joseph P Zawadzky, MD  
UMDNJ-Robert Wood Johnson Medical School  
One Robert Wood Johnson Pl CN19  
New Brunswick, NJ 08903-0019  
908 235-7869

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 260-33-21-149

### South Orange

#### Seton Hall University School of Graduate Medical Education Program

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center

*Program Director:*

Vincent K McInerney, MD  
St Joseph Hospital & Medical Center  
703 Main St  
Paterson, NJ 07503  
201 977-2411

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 1)  
*Program ID:* 260-33-12-147

## New Mexico

### Albuquerque

#### University of New Mexico Program\*

University of New Mexico School of Medicine  
Carrie Tingley Hospital  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Moheb S Moneim, MD  
University of New Mexico Medical Center  
Dept of Orthopaedic Surgery  
Ambulatory Care Center 2 W  
Albuquerque, NM 87131-5296  
505 272-4107

*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 4)  
*Subspecialties:* HSO  
*Program ID:* 260-34-31-093

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital  
Ellis Hospital  
St Peter's Hospital

*Program Director:*

Richard L Jacobs, MD  
Albany Medical Center  
Dept of Orthopaedic Surgery A-61  
47 New Scotland Ave Rm A300A  
Albany, NY 12208-3478  
518 262-5219

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 0)  
*Program ID:* 260-35-21-055

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses Division

Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Edward T Habermann, MD  
Montefiore Medical Center  
Gold Zone  
111 E 210th St  
Bronx, NY 10467  
718 920-4961

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 8)  
*Program ID:* 260-35-21-187

#### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center

*Program Director:*

Harvey P Insler, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 960-1300

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 260-35-11-134

\* Updated information not provided.

**Brooklyn****Kingsbrook Jewish Medical Center Program**

Kingsbrook Jewish Medical Center  
Beth Israel Medical Center

*Program Director:*

Eli Bryk, MD  
Kingsbrook Jewish Medical Center  
585 Schenectady Ave  
Brooklyn, NY 11203  
718 604-5483

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID:** 260-35-31-185

**Maimonides Medical Center Program**

Maimonides Medical Center  
Coney Island Hospital  
Shriners Hospital for Crippled Children (Twin Cities Unit)

*Program Director:*

Hershel Samuels, MD  
Maimonides Medical Center  
4802 10th Ave  
Brooklyn, NY 11219  
718 283-7694

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID:** 260-35-21-107

**SUNY Health Science Center at Brooklyn Program\***

SUNY HSC at Brooklyn College of Medicine  
Brookdale Hospital Medical Center  
Kings County Hospital Center  
Long Island College Hospital  
University Hospital-SUNY Health Science Center at Brooklyn

Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Stanley L Gordon, MD  
Dept of Orthopaedics & Rehabilitation Medicine  
450 Clarkson Ave  
PO Box 30  
Brooklyn, NY 11203-2098  
718 270-2179

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 6)

**Program ID:** 260-35-21-144

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\***

SUNY at Buffalo Grad Medical-Dental Education Consortium

Buffalo General Hospital  
Children's Hospital of Buffalo  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Robert Gillespie, MD  
Children's Hospital of Buffalo  
Dept of Orthopaedics  
82 Hodge St  
Buffalo, NY 14222-2016  
716 878-7722

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

**Program ID:** 260-35-21-024

**Jamaica****Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
Catholic Medical Center (Mary Immaculate Hospital)  
Catholic Medical Center (St John's Queens Hospital)  
Catholic Medical Center (St Mary's Hospital)

*Program Director:*

John R Denton, MD  
Catholic Medical Center of Brooklyn and Queens Inc  
88-25 153rd St  
Jamaica, NY 11432  
718 568-7241

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)

**Program ID:** 260-35-21-124

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Jamaica Hospital  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

John E Handelsman, MD  
Department of Orthopaedic Surgery  
Long Island Jewish Medical Center  
270-05 76th Ave Rm 258  
New Hyde Park, NY 11040  
718 470-7023

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID:** 260-35-21-152

**New York****Columbia University Program**

Presbyterian Hospital in the City of New York  
Harlem Hospital Center  
Helen Hayes Hospital

*Program Director:*

Harold M Dick, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St PH 5-129  
New York, NY 10032  
212 305-5974

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 0)

*Subspecialties:* OAR

**Program ID:** 260-35-31-128

**Hospital for Joint Diseases Orthopaedic Institute Program**

Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Joseph D Zuckerman, MD  
Hospital for Joint Diseases Orthopaedic Institute  
301 E 17th St  
New York, NY 10003  
212 598-6498

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 0)

*Subspecialties:* HSO,OP,OSM,OSS

**Program ID:** 260-35-12-125

**Hospital for Special Surgery/Cornell Medical Center Program**

Hospital for Special Surgery  
New York Hospital

*Program Director:*

Russell F Warren, MD  
Hospital for Special Surgery  
535 E 70th St  
New York, NY 10021  
212 606-1468

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 0)

*Subspecialties:* HSO,OAR,OP,OSM

**Program ID:** 260-35-21-022

**Lenox Hill Hospital Program**

Lenox Hill Hospital  
Children's Hospital  
Shriners Hospital for Crippled Children (Philadelphia)

*Program Director:*

Chitranjan S Ranawat, MD  
Lenox Hill Hospital  
Department of Orthopaedic Surgery  
100 E 77th St  
New York, NY 10021-1883  
212 434-2710

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID:** 260-35-11-175

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*

Richard I Ulin, MD  
Mount Sinai School of Medicine  
Dept of Orthopaedics Box 1188  
5 E 98th St  
New York, NY 10029-6574  
212 241-6144

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)

**Program ID:** 260-35-21-065

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Theodore R Waugh, MD PhD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6391

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 6)

**Program ID:** 260-35-21-061

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
Alfred I DuPont Institute of the Nemours Foundation  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Andrew H Patterson, MD  
St Luke's Roosevelt Hospital Center-St Luke's Division  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-2650

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

*Subspecialties:* HSO

**Program ID:** 260-35-11-041

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Highland Hospital of Rochester  
Rochester General Hospital

*Program Director:*

Richard I Burton, MD  
Department of Orthopaedic Surgery  
601 Elmwood Ave  
PO Box 665  
Rochester, NY 14642  
716 275-5168

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 0)

*Subspecialties:* HSO,OSM

**Program ID:** 260-35-21-031

\* Updated information not provided.

## Stony Brook

### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook  
Nassau County Medical Center

*Program Director:*

Lawrence C Hurst, MD  
Steven Sampson, MD  
SUNY at Stony Brook Health Science Center  
T-18 Rm 020  
Stony Brook, NY 11794-8181  
516 444-8061

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 0)

*Subspecialties:* HSO

*Program ID:* 260-35-21-181

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at  
Syracuse

Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

David G Murray, MD  
SUNY Health Science Center at Syracuse  
Dept of Orthopedic Surgery  
750 E Adams St  
Syracuse, NY 13210  
315 464-5226

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* HSO, OSS

*Program ID:* 260-35-21-048

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
Wake Medical Center

*Program Director:*

Frank C Wilson, MD  
University of North Carolina School of Medicine  
236 Burnett-Womack Bldg 229 H  
CB# 7055  
Chapel Hill, NC 27599-7055  
919 966-3359

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 4)

*Program ID:* 260-36-21-081

### Charlotte

#### Carolinas Medical Center Program

Carolinas Medical Center  
Shriners Hospital for Crippled Children (Greenville)

*Program Director:*

Edward N Hanley Jr, MD  
PO Box 32861  
Charlotte, NC 28232-2861  
704 355-3184

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 3)

*Subspecialties:* OTR

*Program ID:* 260-36-22-104

## Durham

### Duke University Program

Duke University Medical Center  
Durham Regional Hospital  
Shriners Hospital for Crippled Children (Greenville)  
Veterans Affairs Medical Center (Asheville)  
Veterans Affairs Medical Center (Durham)

*Program Director:*

James R Urbaniak, MD  
Duke University Medical Center  
Div of Orthopaedic Surgery  
Box 2912  
Durham, NC 27710  
919 684-3170

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 0)

*Subspecialties:* HSO

*Program ID:* 260-36-31-019

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Gary G Poehling, MD  
Dept of Orthopedic Surgery  
Bowman Gray School of Medicine  
Medical Center Blvd Box 1070  
Winston-Salem, NC 27157-1070  
910 716-3946

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

*Program ID:* 260-36-21-077

## Ohio

### Akron

#### Akron City Hospital (Summa Health System)/NEOUCOM Program

Akron City Hospital (Summa Health System)  
Children's Hospital Medical Center of Akron

*Program Director:*

J Patrick Flanagan, MD  
St Thomas Hospital  
444 N Main  
Akron, OH 44310  
216 378-5681

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

*Program ID:* 260-38-21-015

#### Akron General Medical Center/NEOUCOM Program

Akron General Medical Center  
Children's Hospital Medical Center of Akron

*Program Director:*

Mark C Leeson, MD  
Akron General Medical Center  
400 Wabash Ave  
PO Box 438  
Akron, OH 44307  
216 384-1980

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

*Program ID:* 260-38-21-058

## Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Bethesda Hospital Inc  
Children's Hospital Medical Center  
Good Samaritan Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Peter J Stern, MD  
University of Cincinnati Medical Center  
231 Bethesda Ave  
Mail Location 212  
Cincinnati, OH 45267-0212  
513 558-4592

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 4)

*Subspecialties:* HSO

*Program ID:* 260-38-21-017

## Cleveland

### Case Western Reserve University Program

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Victor M Goldberg, MD  
University Hospital of Cleveland  
11100 Euclid Ave  
Cleveland, OH 44106  
216 844-3046

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 6)

*Subspecialties:* OMO

*Program ID:* 260-38-21-027

### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation  
MetroHealth Medical Center

*Program Director:*

Kenneth E Marks, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Orthopaedic Surgery  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* HSO, OSS

*Program ID:* 260-38-22-042

### Mount Sinai Medical Center of Cleveland Program\*

Mount Sinai Medical Center of Cleveland  
MetroHealth Medical Center  
University Hospitals of Cleveland

*Program Director:*

Avrum I Froimson, MD  
Mt Sinai Medical Center of Cleveland  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
216 421-3775

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 260-38-21-101

### St Luke's Medical Center Program

St Luke's Medical Center  
MetroHealth Medical Center  
University Hospitals of Cleveland

*Program Director:*

Clyde L Nash Jr, MD  
St Luke's Medical Center  
11311 Shaker Blvd  
Cleveland, OH 44104  
216 368-8184

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 260-38-11-153

\* Updated information not provided.

**Columbus****Mount Carmel Health Program**

Mount Carmel Medical Center  
Children's Hospital

*Program Director:*

Richard A Fankhauser, MD  
Mount Carmel Health  
793 W State St  
Columbus, OH 43222  
614 225-5178

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 260-38-32-025

**Ohio State University Program**

Ohio State University Medical Center  
Children's Hospital  
Riverside Methodist Hospitals

*Program Director:*

Sheldon R Simon, MD  
Ohio State University Hospital  
410 W 10th Ave  
Rm N-839 Doan Hall  
Columbus, OH 43210  
614 293-4709

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Subspecialties:* HSO,OSM

*Program ID:* 260-38-21-099

**Dayton****Wright State University Program**

Wright State University School of Medicine  
Children's Medical Center  
Miami Valley Hospital  
Veterans Affairs Medical Center (Dayton)

*Program Director:*

Hjalmar F Pompe Van Meerdervoort, MD  
Miami Valley Hospital  
30 Apple St Ste L-200  
Dayton, OH 45409  
513 220-2091

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 260-38-21-105

**Toledo****Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Hospital

*Program Director:*

Nabil A Ebraheim, MD  
Medical College of Ohio Dept of Orthopedic Surgery  
3000 Arlington Ave  
PO Box 10008  
Toledo, OH 43699  
419 381-3590

*Length:* 5 Year(s) *Total Positions:* 16 (GYI: 3)

*Subspecialties:* OAR

*Program ID:* 260-38-31-176

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
Bone and Joint Hospital  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

J Andy Sullivan, MD  
Dept of Orthopaedic Surgery and Rehabilitation OUHSC  
College of Medicine  
PO Box 26307 Ste 3B300  
Oklahoma City, OK 73126  
405 271-5902

*Length:* 5 Year(s) *Total Positions:* 26 (GYI: 4)

*Subspecialties:* OSM

*Program ID:* 260-39-21-053

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
Emanuel Hospital and Health Center  
Shriners Hospital for Crippled Children (Portland)  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Mark R Colville, MD  
Oregon Health Sciences University Hospital-L477  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-6406

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)

*Program ID:* 260-40-21-028

**Pennsylvania****Danville****Geisinger Medical Center Program**

Geisinger Medical Center  
Alfred I DuPont Institute of the Nemours Foundation

*Program Director:*

John Parenti, MD  
Geisinger Medical Center  
Dept of Orthopedic Surgery  
Danville, PA 17821  
717 271-6541

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 260-41-22-155

**Erie****Hamot Medical Center Program**

Hamot Medical Center  
Shriners Hospital for Crippled Children (Erie)

*Program Director:*

John D Lubahn, MD  
Hamot Medical Center  
201 State St  
Erie, PA 16550-0001  
814 877-8257

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 260-41-22-156

**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr  
Harrisburg Hospital

*Program Director:*

Vincent D Pellegrini Jr, MD  
Milton S Hershey Medical Center of Pennsylvania State Univ  
Dept of Orthopaedics  
PO Box 850  
Hershey, PA 17033  
717 531-4800

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

*Program ID:* 260-41-21-151

**Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center  
Moss Rehabilitation Hospital  
Shriners Hospital for Crippled Children (Philadelphia)

*Program Director:*

Mary Ann E Keenan, MD  
Albert Einstein Medical Center-Northern Division  
5501 Old York Rd  
Willowcrest 4  
Philadelphia, PA 19141-3098  
215 456-6051

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 2)

*Program ID:* 260-41-11-157

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital  
Atlantic City Medical Center  
Shriners Hospital for Crippled Children (Philadelphia)

*Program Director:*

Arnold T Berman, MD  
Hahnemann University Hospital  
Broad & Vine Sts  
Mail Stop 420  
Philadelphia, PA 19102-1192  
215 762-8168

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 260-41-21-092

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital  
Shriners Hospital for Crippled Children (Philadelphia)

*Program Director:*

Arnold T Berman, MD  
Medical College of Pennsylvania and Hospital  
c/o Orthopedic Surgery  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6440

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 1)

*Program ID:* 260-41-21-026

**Temple University Program**

Temple University Hospital  
Abington Memorial Hospital  
Shriners Hospital for Crippled Children (Philadelphia)  
St Christopher's Hospital for Children

*Program Director:*

Michael Clancy, MD  
Temple University Hospital  
Broad & Ontario Sts  
Philadelphia, PA 19140  
215 707-7987

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* OPOSM

*Program ID:* 260-41-21-029

\* Updated information not provided.



### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
Alfred I DuPont Institute of the Nemours Foundation  
Bryn Mawr Hospital  
Lankenau Hospital  
Methodist Hospital  
Pennsylvania Hospital

*Program Director:*

Richard H Rothman, MD PhD  
Jefferson Medical College  
Dept of Orthopaedic Surgery  
838 Walnut St  
Philadelphia, PA 19107  
215 955-6212

*Length:* 4 Year(s) *Total Positions:* 30 (*GYI:* 6)

*Subspecialties:* OAR,OP,OSM

**Program ID: 260-41-21-021**

### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Joseph P Iannotti, MD PhD  
Hospital of the University of Pennsylvania  
3400 Spruce St  
2 Silverstein  
Philadelphia, PA 19104-4283  
215 662-3350

*Length:* 5 Year(s) *Total Positions:* 40 (*GYI:* 8)

**Program ID: 260-41-21-023**

### Pittsburgh

#### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital  
Shriners Hospital for Crippled Children (Tampa)

*Program Director:*

James H McMaster, MD  
Allegheny General Hospital  
Dept of Orthopaedic Surgery  
320 E North Ave  
Pittsburgh, PA 15212-4772  
412 359-6501

*Length:* 4 Year(s) *Total Positions:* 8 (*GYI:* 0)

*Subspecialties:* HSO

**Program ID: 260-41-21-201**

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Mercy Hospital of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
St Margaret Memorial Hospital  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

James H Herndon, MD  
Dept of Orthopedic Surgery  
Liliane S Kaufmann Bldg Ste 1010  
3471 Fifth Ave  
Pittsburgh, PA 15213  
412 687-3900

*Length:* 4 Year(s) *Total Positions:* 32 (*GYI:* 8)

*Subspecialties:* HSO,OAR,OSM

**Program ID: 260-41-21-030**

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
San Juan City Hospital  
University Hospital  
University Pediatric Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Rafael Fernandez-Feliberti, MD  
University of Puerto Rico Medical Science Campus  
GPO Box 5067  
San Juan, PR 00936  
809 764-5095

*Length:* 4 Year(s) *Total Positions:* 16 (*GYI:* 0)

**Program ID: 260-42-21-161**

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Michael G Ehrlich, MD  
Rhode Island Hospital  
Dept of Orthopaedics  
593 Eddy St  
Providence, RI 02903  
401 444-5895

*Length:* 4 Year(s) *Total Positions:* 23 (*GYI:* 4)

*Subspecialties:* OP

**Program ID: 260-43-11-162**

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Naval Hospital (Charleston)  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Paul P Griffin, MD  
Medical University of South Carolina  
Dept of Orthopaedic Surgery  
171 Ashley Ave  
Charleston, SC 29425  
803 792-3856

*Length:* 4 Year(s) *Total Positions:* 15 (*GYI:* 3)

**Program ID: 260-45-21-052**

## Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program\*

Richland Memorial Hospital-Univ of South Carolina Sch of Med  
Shriners Hospital for Crippled Children (Greenville)  
Williams Jennings Bryan Dorn Veterans Hospital

*Program Director:*

Director Residency Training  
Richland Memorial Hospital  
Two Richland Medical Pk  
Ste 404  
Columbia, SC 29203  
803 765-6879

*Length:* 5 Year(s) *Total Positions:* 11 (*GYI:* 0)

**Program ID: 260-45-31-163**

## Greenville

#### Greenville Hospital System Program

Greenville Hospital System  
Shriners Hospital for Crippled Children (Greenville)

*Program Director:*

C Dayton Riddle Jr, MD  
Greenville Hospital System  
701 Grove Rd  
Greenville, SC 29605  
803 455-7878

*Length:* 5 Year(s) *Total Positions:* 15 (*GYI:* 3)

**Program ID: 260-45-21-033**

## Tennessee

### Chattanooga

#### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga  
Erlanger Medical Center  
T C Thompson Children's Hospital Medical Center

*Program Director:*

Robert C Coddington, MD  
317 Doctors Bldg  
744 McCallie Ave  
Chattanooga, TN 37403-2509  
615 267-1888

*Length:* 5 Year(s) *Total Positions:* 10 (*GYI:* 0)

*Subspecialties:* OSM

**Program ID: 260-47-11-164**

## Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Campbell Foundation-University of Tennessee  
LeBonheur Children's Medical Center  
Regional Medical Center at Memphis

*Program Director:*

James H Beaty, MD  
University of Tennessee-Campbell Clinic  
Dept of Orthopaedic Surgery  
869 Madison Ave  
Memphis, TN 38103-3433  
901 759-3274

*Length:* 4 Year(s) *Total Positions:* 32 (*GYI:* 0)

*Subspecialties:* HSO,OP

**Program ID: 260-47-21-061**

\* Updated information not provided.

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
Veterans Affairs Medical Center (Nashville)

*Program Director:*  
Dan M Spengler, MD  
Vanderbilt University  
Dept of Orthopaedic & Rehab  
137 A Medical Center S  
Nashville, TN 37232-2550  
615 343-6364

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 0)  
*Program ID:* 260-47-11-116

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Baylor University Medical Center  
Dallas County Hospital District-Parkland Memorial Hospital  
Texas Scottish Rite Hospital for Children  
Veterans Affairs Medical Center (Dallas)

*Program Director:*  
Robert W Bucholz, MD  
University of Texas Southwestern Medical Center  
Dept of Orthopaedic Surgery  
5323 Harry Hines Blvd  
Dallas, TX 75235-8883  
214 648-4712

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Subspecialties:* OMO,OP  
*Program ID:* 260-48-21-032

**El Paso****William Beaumont Army Medical Center/Texas Tech University (El Paso) Program**

William Beaumont Army Medical Center  
R E Thomason General Hospital  
Shriners Hospitals for Crippled Children (Spokane)  
Texas Tech University Health Sciences Center at El Paso

*Program Director:*  
Thomas J Scully, MD  
William Beaumont Army Medical Center  
El Paso, TX 79920-5001  
915 569-2288

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Program ID:* 260-48-21-198

**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center  
Children's Hospital  
Santa Rosa Health Care Corporation

*Program Director:*  
Col Allan L Bucknell, MD  
Brooke Army Medical Center Orthopaedic Surgery Service  
HSHE-SDR  
Fort Sam Houston  
San Antonio, TX 78234-6353  
210 916-9666

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
*Program ID:* 260-48-32-117

**Fort Worth****Fort Worth Hospitals Program**

John Peter Smith Hospital (Tarrant County Hospital District)  
Cook-Fort Worth Children's Medical Center  
Harris Methodist Fort Worth

*Program Director:*  
Robert R Protzman, MD  
John Peter Smith Hospital  
1500 S Main St  
Fort Worth, TX 76104  
817 927-1370

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)  
*Program ID:* 260-48-22-100

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*  
Jason H Calhoun, MD  
6.136 McCullough Bldg G-92  
University of Texas Medical Branch  
Div of Orthopaedic Surgery  
Galveston, TX 77555-0792  
409 772-2565

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 4)  
*Program ID:* 260-48-21-165

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Shriners Hospital for Crippled Children (Houston)  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*  
Stephen I Esses, MD  
Baylor College of Medicine  
6550 Fannin  
Ste 2625  
Houston, TX 77030  
713 790-3709

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 5)  
*Subspecialties:* HSO,OP,OSM,OTR  
*Program ID:* 260-48-31-049

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
Shriners Hospital for Crippled Children (Houston)  
St Joseph Hospital

*Program Director:*  
Jeffrey D Reuben, MD PhD  
University of Texas Medical School at Houston  
Dept of Orthopaedic Surgery  
6431 Fannin Rm 6.144  
Houston, TX 77030  
713 792-5636

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 0)  
*Subspecialties:* OSM  
*Program ID:* 260-48-21-166

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*  
Thomas E Kuvila, MD  
59 Medical Wing/PSSB  
2200 Bergquist Dr Ste 1  
Lackland AFB  
San Antonio, TX 78236-5300  
210 670-5840

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Program ID:* 260-48-31-120

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
St Mary of the Plains Hospital

*Program Director:*  
Eugene J Dabiezis, MD  
Texas Tech University Health Science Center  
Dept of Orthopedic Surgery  
3601 4th St  
Lubbock, TX 79430  
806 743-2465

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 2)  
*Program ID:* 260-48-31-160

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
Santa Rosa Health Care Corporation  
University Hospital-South Texas Medical Center

*Program Director:*  
James D Heckman, MD  
University of Texas Health Science Center  
Dept of Orthopaedics  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7774  
210 567-5125

*Length:* 5 Year(s) *Total Positions:* 34 (GYI: 6)  
*Subspecialties:* HSO,OAR,OSM  
*Program ID:* 260-48-31-095

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital  
Olin E Teague Veterans Center  
Shriners Hospital for Crippled Children (Houston)

*Program Director:*  
Haries H Brindley Jr, MD  
Texas A&M-Scott and White  
Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)  
*Program ID:* 260-48-21-171

\* Updated information not provided.

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Holy Cross Hospital  
LDS Hospital  
Primary Children's Medical Center  
Shriners Hospital for Crippled Children (Intermountain Unit)  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Harold K Dunn, MD  
University of Utah Medical Center  
50 N Medical Dr 3B165  
Salt Lake City, UT 84132  
801 581-7601

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Subspecialties:* HSO,OSM,OSS

*Program ID:* 260-49-31-034

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont

*Program Director:*

James G Howe, MD  
Thomas K. Kristiansen MD  
University of Vermont  
Dept of Orthopaedic & Rehab  
Stafford Hall  
Burlington, VT 05405-0084  
802 656-2250

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 260-50-11-167

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center  
Roanoke Memorial Hospitals  
Veterans Affairs Medical Center (Salem)

*Program Director:*

Gwo-Jaw Wang, MD  
University of Virginia Health Science Center  
Dept of Orthopaedics  
Box 159  
Charlottesville, VA 22908  
804 924-8578

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)

*Subspecialties:* OAR

*Program ID:* 260-51-21-129

### Portsmouth

#### Naval Medical Center (Portsmouth) Program

Naval Medical Center (Portsmouth)

*Program Director:*

Martin K Deafenbaugh, MD  
Naval Hospital  
Orthopaedic Surgery Department  
Portsmouth, VA 23708-5000  
804 398-5134

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 260-51-12-130

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University  
Children's Hospital  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

John A Cardea, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980153  
Richmond, VA 23298-0153  
804 786-9295

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 4)

*Program ID:* 260-51-21-035

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Roger V Larson, MD  
University Hospital Dept of Orthopaedics  
1959 NE Pacific Ave  
Mail Stop RK-10  
Seattle, WA 98195  
206 543-3690

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 5)

*Subspecialties:* HSO

*Program ID:* 260-54-21-036

### Tacoma

#### Madigan Army Medical Center Program

Madigan Army Medical Center  
Children's Hospital and Medical Center  
Shriners Hospitals for Crippled Children (Spokane)  
Swedish Medical Center-Seattle

*Program Director:*

LTC D E Casey Jones, MD  
Madigan Army Medical Center  
Commander  
Attn: HSHJ-SOP  
Tacoma, WA 98431  
206 968-3121

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 260-54-32-178

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals  
Monongalia General Hospital

*Program Director:*

J David Blaha, MD  
West Virginia University Medical School  
Dept of Orthopedics  
RC Byrd Hlth Sci Ctr PO Box 9196  
Morgantown, WV 26506-9196  
304 293-3908

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

*Program ID:* 260-55-21-169

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
Meriter Hospital  
St Marys Hospital Medical Center  
William S Middleton Veterans Hospital

*Program Director:*

Andrew A McBeath, MD  
University of Wisconsin Hospital & Clinics  
600 Highland Ave  
Rm G5 361  
Madison, WI 53792-3228  
608 263-1348

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Program ID:* 260-56-21-097

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyno Hospital

*Program Director:*

John S Gould, MD  
Medical College of Wisconsin  
Dept of Orthopaedic Surgery  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 257-7389

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 5)

*Subspecialties:* OP

*Program ID:* 260-56-21-037

# Orthopaedic Surgery of the Spine (Orthopaedic Surgery)

## Florida

### Gainesville

#### University of Florida Program\*

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

Michael MacMillan, MD  
Richard G Fessler, MD  
University of Florida  
Dept of Orthopaedics  
Box 100246  
Gainesville, FL 32610  
904 392-4251

*Length:* 1 Year(s)

**Program ID:** 267-11-31-005

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Frank J Eismont, MD  
University of Miami School of Medicine  
Dept of Orthopaedics and Rehab  
PO Box 016960 (D-27)  
Miami, FL 33101  
305 585-7138

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 267-11-21-004

## Illinois

### Chicago

#### Rush Medical College Program

Rush-Presbyterian-St Luke's Medical Center  
Shriners Hospital for Crippled Children (Chicago)

*Program Director:*

Ronald L DeWald, MD  
Rush-Presbyterian-St Luke's Medical Center  
1725 W Harrison  
Ste 440  
Chicago, IL 60612  
312 738-2903

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 267-16-21-015

## Springfield

#### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

E Shannon Stauffer, MD  
Southern Illinois University School of Medicine  
Dept of Orthopaedic Surgery  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-8864

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 267-16-21-001

## Minnesota

### Minneapolis

#### Minnesota Spine Center Program

Minnesota Spine Center

*Program Director:*

Robert B Winter, MD  
Minnesota Spine Center  
606 24th Ave S  
Ste 606  
Minneapolis, MN 55454  
612 672-6685

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 3)

**Program ID:** 267-26-21-010

#### University of Minnesota Program

University of Minnesota Medical School  
Twin Cities Scoliosis Spine Center  
University of Minnesota Hospital and Clinic

*Program Director:*

Ensor E Transfeldt, MD  
Abbott Northwestern Hospital  
Twin Cities Scoliosis Spine Center  
2737 Chicago Ave S LL#200  
Minneapolis, MN 55407-3707  
612 863-4775

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 267-26-21-002

## Missouri

### St Louis

#### Washington University Program

Barnes Hospital  
Shriners Hospital for Crippled Children (St Louis)  
St Louis Children's Hospital

*Program Director:*

Keith H Bridwell, MD  
One Barnes Hosp Plaza  
Ste 11300 W Pavilion  
St Louis, MO 63110  
314 362-4080

*Length:* 1 Year(s)

**Program ID:** 267-28-21-016

## New York

### New York

#### Hospital for Joint Diseases Orthopaedic Institute Program\*

Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Michael G Neuwirth, MD  
301 E 17th St Ste 415  
New York, NY 10003  
212 598-6623

*Length:* 1 Year(s)

**Program ID:** 267-35-21-011

## Syracuse

#### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at  
Syracuse

Crouse-Irving Memorial Hospital

*Program Director:*

Bruce E Frederickson, MD  
SUNY Health Science Center at Syracuse  
550 Harrison Ctr Ste 138  
Syracuse, NY 13202  
315 472-2225

*Length:* Year(s) *Total Positions:* 1

**Program ID:** 267-35-11-019

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

John D Schlegel, MD  
University of Utah Medical Center  
Div of Orthopaedics & Spine Surgery  
Rm 3B165  
Salt Lake City, UT 84132  
801 581-7601

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 267-49-21-008



\* Updated information not provided.

## Orthopaedic Trauma (Orthopaedic Surgery)

### Michigan

#### Detroit

##### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Berton R Moed, MD  
Henry Ford Hospital  
Dept of Orthopaedic Surgery  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-7960

*Length:* Year(s) *Total Positions:* 1

*Program ID:* 269-25-21-005

### North Carolina

#### Charlotte

##### Carolinas Medical Center Program

Carolinas Medical Center

*Program Director:*

James F Kellam, MD  
Carolinas Medical Center  
Dept of Orthopaedic Surgery-Trauma  
PO Box 32861  
Charlotte, NC 28232-2861  
704 355-3184

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 269-36-21-001

### Texas

#### Houston

##### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General  
Hospital  
Methodist Hospital

*Program Director:*

Ronald W Lindsey, MD  
Baylor College of Medicine  
Dept of Orthopaedic Surgery  
6550 Fannin Ste 2625  
Houston, TX 77030  
713 790-3711

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 269-48-21-004

## Otolaryngology

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program

University of Alabama Hospital  
Cooper Green Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Glenn E Peters, MD  
University of Alabama Medical Center  
Otolaryngol Div/Head & Neck Surgery  
1501 5th Ave S  
Birmingham, AL 35233-6889  
205 934-9766

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 280-01-21-010

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Scott J Stern, MD  
University of Arkansas Medical Sciences  
4301 W Markham Slot 543  
Little Rock, AR 72205-7199  
501 686-5140

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)

*Program ID:* 280-04-21-012

### California

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital  
Riverside General Hospital-University Medical Center

*Program Director:*

George D Chonkich, MD  
Loma Linda University  
11234 Anderson St Ste 2587A  
Loma Linda, CA 92354  
909 824-0800

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 280-05-21-117

#### Los Angeles

##### Charles R Drew University Program

Charles R Drew University of Medicine and Science  
Childrens Hospital of Los Angeles  
LAC-King/Drew Medical Center  
San Bernardino County Medical Center

*Program Director:*

Gus Gill, MD  
Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
310 668-4536

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 280-05-11-016

#### UCLA Medical Center Program

UCLA School of Medicine  
LAC-Olive View Medical Center  
Los Angeles County-Harbor-UCLA Medical Center  
UCLA Medical Center  
Veterans Affairs Medical Center (Sepulveda)

*Program Director:*

Gerald S Berke, MD  
Univ of California Los Angeles Medical Center  
Div of Head & Neck Surgery  
Los Angeles, CA 90024-1624  
310 825-5179

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)

*Program ID:* 280-05-21-017

#### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Dale H Rice, MD  
Los Angeles County-USC Medical Center  
PO Box 795  
1200 N State St  
Los Angeles, CA 90033-1084  
213 226-7315

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Program ID:* 280-05-21-015

### Oakland

#### Kaiser Permanente Medical Group (Northern California) Program

Kaiser Permanente Medical Group (Northern California)  
Kaiser Foundation Hospital (San Francisco)  
Kaiser Permanente Medical Center (Oakland)  
Kaiser-Permanente Medical Center (Redwood City)

*Program Director:*

Raymond L Hilsinger Jr, MD  
Kaiser Permanente Medical Center  
Dept of Head and Neck Surgery  
280 W MacArthur Blvd  
Oakland, CA 94611-5693  
510 596-6126

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 280-05-22-020

### Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Roger Crumley, MD  
University of California Irvine-UCI Medical Center  
Dept of Otolaryngology-5386  
101 The City Dr Rt 81/BL 25  
Orange, CA 92668-3298  
714 456-5753

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)

*Program ID:* 280-05-21-014

### Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

Richard A Chole, MD PhD  
University of California Davis  
Dept of Otolaryngology  
2500 Stockton Blvd  
Sacramento, CA 95817  
916 734-2801

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 280-05-21-013

**San Diego****Naval Medical Center (San Diego) Program**

Naval Medical Center (San Diego)

*Program Director:*

Capt Darrell H Hunsaker, MD

Naval Hospital

Dept of Otolaryngology

San Diego, CA 92134-5000

619 532-9604

*Length:* 3 Year(s) *Total Positions:* 12 (*GYI:* 3)**Program ID:** 280-05-11-007**University of California (San Diego) Program**

University of California (San Diego) Medical Center

Kaiser Foundation Hospital (San Diego)

Veterans Affairs Medical Center (San Diego)

*Program Director:*

Jeffrey P Harris, MD PhD

University of California San Diego Medical Center

Div of Head and Neck Surgery

200 W Arbor Dr

San Diego, CA 92103-8895

619 543-5910

*Length:* 4 Year(s) *Total Positions:* 9 (*GYI:* 0)**Program ID:** 280-05-21-021**San Francisco****University of California (San Francisco) Program\***

University of California (San Francisco) School of Medicine

San Francisco General Hospital Medical Center

University of California (San Francisco) Medical Center

Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Kelvin C Lee, MD

University of California (San Francisco)

350 Parnassus Ave

San Francisco, CA 94143-0958

415 476-4952

*Length:* 4 Year(s) *Total Positions:* 12 (*GYI:* 0)**Program ID:** 280-05-21-022**Stanford****Stanford University Program**

Stanford University Hospital

Santa Clara Valley Medical Center

Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Willard E Fee Jr, MD

Stanford University Medical Center

Div of Otolaryngology

Stanford, CA 94305-5328

415 725-6500

*Length:* 4 Year(s) *Total Positions:* 15 (*GYI:* 3)**Program ID:** 280-05-21-023**Colorado****Denver****University of Colorado Program\***

University of Colorado Health Sciences Center

Denver Health and Hospitals

Fitzsimons Army Medical Center

Veterans Affairs Medical Center (Denver)

*Program Director:*

Michael Leo Lepore, MD

Glen Y Yoshida, MD

University of Colorado Health Sciences Center

4200 E 9th Ave B-210

Denver, CO 80262-0205

303 270-7988

*Length:* 4 Year(s) *Total Positions:* 18 (*GYI:* 4)**Program ID:** 280-07-21-024**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine

Hartford Hospital

New Britain General Hospital

St Francis Hospital and Medical Center

Univ of Connecticut Health Center/John Dempsey

Hospital

*Program Director:*

Gerald Leonard, MD

University of Connecticut School of Medicine

Dept of Otolaryngology

263 Farmington Ave

Farmington, CT 06030-3955

203 679-3372

*Length:* 4 Year(s) *Total Positions:* 8 (*GYI:* 2)**Program ID:** 280-08-21-025**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital

Hospital of St Raphael

Veterans Affairs Medical Center (West Haven)

*Program Director:*

Clarence T Sasaki, MD

Yale School of Medicine Section of Otolaryngology

333 Cedar St

PO Box 208041

New Haven, CT 06510-8041

203 785-2593

*Length:* 4 Year(s) *Total Positions:* 10 (*GYI:* 0)**Program ID:** 280-08-21-026**District of Columbia****Washington****Georgetown University Program**

Georgetown University Hospital

Veterans Affairs Medical Center (Washington DC)

Washington Hospital Center

*Program Director:*

Roy B Sessions, MD

Georgetown University Hospital

Dept of Otol-Head &amp; Neck Surgery

3800 Reservoir Rd NW

Washington, DC 20007

202 687-8186

*Length:* 4 Year(s) *Total Positions:* 12 (*GYI:* 3)**Program ID:** 280-10-32-027**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

Col Kweon I Stambaugh, MD

Walter Reed Army Medical Center

Otolaryngology Head &amp; Neck Service

6825 16th St NW

Washington, DC 20307-5001

202 782-3166

*Length:* 3 Year(s) *Total Positions:* 8 (*GYI:* 0)**Program ID:** 280-10-21-003**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine

Shands Hospital at the University of Florida

University Medical Center (UFHSC/J)

Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Scott P Stringer, MD

J Hillis Miller Health Center

Box 100264

Gainesville, FL 32610-0264

904 392-4461

*Length:* 4 Year(s) *Total Positions:* 10 (*GYI:* 0)**Program ID:** 280-11-21-028**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

Veterans Affairs Medical Center (Miami)

*Program Director:*

Thomas J Balkany, MD

University of Miami Dept of Otolaryngology (D-48)

PO Box 016960

Miami, FL 33101

305 585-7127

*Length:* 4 Year(s) *Total Positions:* 18 (*GYI:* 3)**Program ID:** 280-11-21-029**Tampa****University of South Florida Program**

University of South Florida College of Medicine

H Lee Moffitt Cancer Center

James A Haley Veterans Hospital

Tampa General Healthcare

*Program Director:*

James N Endicott, MD

H Lee Moffitt Cancer Center

12902 Magnolia Dr

Tampa, FL 33612

813 972-8463

*Length:* 4 Year(s) *Total Positions:* 8 (*GYI:* 0)**Program ID:** 280-11-31-030

\* Updated information not provided.

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*  
John S Turner Jr, MD  
Emory Clinic  
1365 Clifton Rd NE  
Atlanta, GA 30322  
404 248-3384

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 280-12-21-031

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*  
Edward S Porubsky, MD  
Medical College of Georgia Hospital and Clinics  
BP 4109  
Section of Otolaryngology  
Augusta, GA 30912-4060  
706 721-2047

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 280-12-21-032

## Hawaii

### Tripler AMC

#### Tripler Army Medical Center Program

Tripler Army Medical Center  
*Program Director:*  
LTC Lawrence P A Burgess, MD  
Tripler Army Medical Center  
Dept of Surgery  
Attn: HSHK-DSH  
Tripler AMC, HI 96859-5000  
808 433-5334

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 280-14-11-116

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Cook County Hospital  
McGaw Medical Center of Northwestern University  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*  
David G Hanson, MD  
Northwestern University Medical School  
303 E Chicago Ave  
Chicago, IL 60611-3008  
312 908-8920

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)  
**Program ID:** 280-16-21-033

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center  
*Program Director:*  
David D Caldarelli, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612-3864  
312 942-6303

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 1)  
**Program ID:** 280-16-21-034

#### University of Chicago Program

University of Chicago Hospitals  
Louis A Weiss Memorial Hospital

*Program Director:*  
Robert M Naclerio, MD  
University of Chicago Medical Center  
5841 S Maryland Ave MC1035  
Chicago, IL 60637-1470  
312 702-6143

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)  
**Program ID:** 280-16-21-035

#### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago  
Cook County Hospital  
Michael Reese Hospital and Medical Center  
University of Illinois Hosp-Illinois Eye and Ear Infirmary  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*  
Edward L Applebaum, MD  
Illinois Eye and Ear Infirmary  
1855 W Taylor St M/C 648  
Chicago, IL 60612  
312 996-6582

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 5)  
**Program ID:** 280-16-21-036

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*  
Gregory J Matz, MD  
Loyola University Medical Center  
Bldg 105 Rm 1870  
2160 S First Ave  
Maywood, IL 60153  
708 216-9183

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
**Program ID:** 280-16-31-037

### Springfield

#### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*  
Horst R Konrad, MD  
Southern Illinois University School of Medicine  
301 N Eighth St  
Springfield, IL 62794-9230  
217 785-3833

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 1)  
**Program ID:** 280-16-21-118

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*  
Richard T Miyamoto, MD  
Indiana University Medical Center  
702 Barnhill Dr  
Rm 0860  
Indianapolis, IN 46202-5230  
317 630-8966

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 280-17-21-038

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*  
Bruce J Gantz, MD  
University of Iowa Hospital & Clinic  
Dept of Otolaryngology-Head & Neck  
E230 GH  
Iowa City, IA 52242-1009  
319 356-2173

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
**Program ID:** 280-18-21-039

## Kansas

### Kansas City

#### University of Kansas Medical Center Program\*

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*  
Larry A Hoover, MD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7380  
913 588-6720

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 280-19-31-040

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*  
Raleigh O Jones, MD  
University of Kentucky Medical Center  
Room C236  
Lexington, KY 40536-0084  
606 257-5097

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 2)  
**Program ID:** 280-20-21-127

\* Updated information not provided.

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*  
Toni M Ganzel, MD  
University of Louisville Health Science Center  
Div of Otolaryngology  
Louisville, KY 40292  
502 852-6994  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 280-20-21-041

**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Eye Ear Nose and Throat Hospital  
Medical Center of Louisiana at New Orleans-LSU Division  
University Medical Center (Lafayette)  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*  
Daniel W Nuss, MD  
Louisiana State University School of Medicine  
Dept of Otolaryngology  
2020 Gravier St Ste A  
New Orleans, LA 70112-2234  
504 568-4785  
*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)  
**Program ID:** 280-21-31-042

**Tulane University Program**

Tulane University School of Medicine  
Alton Ochsner Medical Foundation  
Eye Ear Nose and Throat Hospital  
Medical Center of Louisiana at New Orleans-Tulane Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center (Biloxi)

*Program Director:*  
Robert H Miller, MD  
Tulane University Medical Center  
1430 Tulane Ave SL 59  
New Orleans, LA 70112-2699  
504 587-7566  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 280-21-21-043

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*  
Frederick J Stucker Jr, MD  
Louisiana State University Medical Center Hospital  
Medical Education Otolaryngology  
1501 Kings Hwy/PO Box 33932  
Shreveport, LA 71130-3932  
318 675-6262  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)  
**Program ID:** 280-21-21-121

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Greater Baltimore Medical Center  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*  
Wayne M Koch, MD  
The Johns Hopkins Hospital  
Dept of Otolaryngology  
PO Box 41402  
Baltimore, MD 21203-6402  
410 955-4906  
*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 0)  
**Program ID:** 280-23-21-047

**University of Maryland Program**

University of Maryland Medical System  
Maryland General Hospital

*Program Director:*  
Douglas E Mattox, MD  
University of Maryland Medical System  
22 S Greene St  
Rm N4W79  
Baltimore, MD 21201-1595  
410 328-5828  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)  
**Program ID:** 280-23-21-048

**Bethesda****National Naval Medical Center (Bethesda) Program**

National Naval Medical Center (Bethesda)

*Program Director:*  
Capt David H Thompson, MD  
Dept of Otolaryngology Head and Neck Surgery  
National Naval Medical Center  
Code 0307  
Bethesda, MD 20889-5600  
301 295-4670  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 280-23-11-008

**Massachusetts****Boston****Boston University Program**

Boston University Medical Center-University Hospital  
Boston City Hospital  
Lahey Clinic  
New England Medical Center Hospitals  
Veterans Affairs Medical Center (Boston)

*Program Director:*  
Charles W Vaughan, MD  
University Hospital  
88 E Newton St  
Boston, MA 02118  
617 638-7933  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 280-24-31-051

**Massachusetts Eye and Ear Infirmary/Harvard Medical School Program**

Massachusetts Eye and Ear Infirmary  
Beth Israel Hospital

*Program Director:*  
Joseph B Nadol Jr, MD  
243 Charles St  
Boston, MA 02114  
617 573-3654  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
**Program ID:** 280-24-21-049

**Tufts University Program**

New England Medical Center Hospitals  
Boston City Hospital  
Boston University Medical Center-University Hospital  
Lahey Clinic  
Veterans Affairs Medical Center (Boston)

*Program Director:*  
Stanley M Shapshay, MD  
New England Medical Center  
750 Washington St  
PO Box 850  
Boston, MA 02111  
617 956-1662  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 280-24-31-050

**Michigan****Ann Arbor****University of Michigan Program\***

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
Gregory T Wolf, MD  
University of Michigan Hospitals  
Dept of Otolaryngology  
1500 E Medical Center Dr T C1904  
Ann Arbor, MI 48109-0312  
313 936-8029  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 280-25-21-052

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*  
Samuel A Mickelson, MD  
Henry Ford Hospital  
Dept of Otolaryngology  
2799 W Grand Blvd  
Detroit, MI 48202-2689  
313 876-2761  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)  
**Program ID:** 280-25-12-053

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*  
Robert H Mathog, MD  
Wayne State University Dept of Otolaryngology  
4201 St Antoine 5E UHC  
Detroit, MI 48201  
313 577-0804  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 280-25-21-054

\* Updated information not provided.



## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

George L Adams, MD  
Dept of Otolaryngology  
Box 396 University Hospital  
420 Delaware St SE  
Minneapolis, MN 55455  
612 625-3200

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 0)

*Program ID:* 280-26-31-055

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Jacksonville)  
Mayo Clinic (Rochester)  
Mayo Clinic (Scottsdale)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Charles W Beatty, MD  
Mayo Graduate School of Medicine  
MGSM Application Processing Center  
200 First St SW  
Rochester, MN 55905  
507 284-3521

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Program ID:* 280-26-21-056

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Vinod Kumar Anand, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5162

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 280-27-21-122

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

William E Davis, MD  
University of Missouri Medical Center  
Otolaryngology MA314  
One Hospital Dr  
Columbia, MO 65212  
314 882-8173

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 280-28-21-058

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
Deaconess Hospital  
St John's Mercy Medical Center  
St Louis University Hospital

*Program Director:*

Gregory H Branham, MD  
St Louis University Medical Center  
Dept of Oto-Head & Neck Surgery  
3635 Vista at Grand  
St Louis, MO 63110-0250  
314 577-8884

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 280-28-21-059

#### Washington University Program

Barnes Hospital  
Jewish Hospital of St Louis  
St Louis Children's Hospital  
St Louis Regional Medical Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Joel A Goebel, MD  
Attn: Pat Bryan  
517 S Euclid  
Campus Box 8115  
St Louis, MO 63110  
314 362-5373

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 5)

*Program ID:* 280-28-21-060

## Nebraska

### Omaha

#### University of Nebraska Program

University of Nebraska Medical Center  
Boys Town National Research Hospital  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

Anthony J Yonkers, MD  
University of Nebraska Medical Center  
600 S 42nd St  
Omaha, NE 68198-1225  
402 559-8007

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 280-30-21-061

## New Jersey

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Newark Eye and Ear Infirmary (United Hospitals Med Ctr)  
St Barnabas Medical Center  
UMDNJ-University Hospital

*Program Director:*

Soly Baredes, MD  
UMDNJ-New Jersey Medical School Section of  
Otolaryngology  
185 S Orange Ave Rm H-592  
Newark, NJ 07103-2714  
201 982-4588

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 280-33-31-062

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
Lovelace Medical Center  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Fred S Herzon, MD  
University Hospital  
2211 Lomas Blvd NE  
Box 280  
Albuquerque, NM 87106-2745  
505 272-6452

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 1)

*Program ID:* 280-34-21-126

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital  
Child's Hospital  
St Peter's Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Steven M Parnes, MD  
Albany Medical College (A-41)  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 262-5897

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 280-35-21-063

\* Updated information not provided.

**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

Montefiore Medical Center-Weiler Hospital

*Program Director:*

Robert J Ruben, MD  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467  
718 920-2991

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 280-35-21-065

**Brooklyn****SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Long Island College Hospital  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Frank E Lucente, MD  
Long Island College Hospitals  
Dept of Otolaryngology  
340 Henry St  
Brooklyn, NY 11201  
718 780-1281

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
**Program ID:** 280-35-21-123

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Sisters of Charity Hospital

*Program Director:*

George T Simpson, MD  
130 LeBrun Rd  
Buffalo, NY 14215  
716 829-2420

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 280-35-21-064

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Queens Hospital Center

*Program Director:*

Allan L Abramson, MD  
Long Island Jewish Medical Center  
270-05 76th Ave  
New Hyde Park, NY 11040  
718 470-7555

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)  
**Program ID:** 280-35-21-067

**New York****Columbia University Program**

Presbyterian Hospital in the City of New York  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Lanny G Close, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032  
212 305-5820

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)  
**Program ID:** 280-35-11-074

**Manhattan Eye Ear and Throat Hospital Program**

Manhattan Eye Ear and Throat Hospital  
Memorial Sloan-Kettering Cancer Center  
New York Hospital

*Program Director:*

Simon C Parisier, MD  
Manhattan Eye Ear and Throat Hospital  
Dept of Otolaryngology  
210 E 64th St  
New York, NY 10021  
212 838-9200

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 280-35-21-068

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*

Hugh F Biller, MD  
Mount Sinai Hospital Dept of Otolaryngology  
One Gustave L Levy Pl  
Box #1189  
New York, NY 10029  
212 241-5930

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 0)  
**Program ID:** 280-35-21-069

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Noel L Cohen, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6344

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)  
**Program ID:** 280-35-21-073

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Rochester General Hospital

*Program Director:*

Arthur S Hengerer, MD  
University of Rochester Medical Center  
601 Elmwood Ave  
Box 8629  
Rochester, NY 14642-8629  
716 275-1061

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 3)  
**Program ID:** 280-35-21-078

**Stony Brook****SUNY at Stony Brook Program\***

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Arnold E Katz, MD  
SUNY at Stony Brook  
Div of Otolaryngology  
33 Research Way  
East Setauket, NY 11733  
516 444-4122

*Length:* 4 Year(s)  
**Program ID:** 280-35-31-128

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse  
Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Robert M Kellman, MD  
SUNY Upstate Medical Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-4636

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)  
**Program ID:** 280-35-21-079

**Valhalla****New York Medical College (Manhattan) Program**

New York Medical College  
New York Eye and Ear Infirmary  
Lincoln Medical and Mental Health Center  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

Steven D Schaefer, MD  
New York Eye and Ear Infirmary  
310 E 14th St  
New York, NY 10003  
212 978-4071

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 280-35-21-072

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals  
Wake Medical Center

*Program Director:*

Harold C Pillsbury III, MD  
University of North Carolina School of Medicine  
Div of Otolaryn-Head & Neck Surgery  
610 Burnett-Womack Bldg CB #7070  
Chapel Hill, NC 27599-7070  
918 966-3341

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)  
**Program ID:** 280-36-21-080

\* Updated information not provided.

## Durham

### Duke University Program

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

William J Richtsmeier, MD PhD  
Duke University Medical Center  
PO Box 3805  
Durham, NC 27710  
919 681-6820

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

**Program ID:** 280-36-21-081

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Robert I Kohut, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1034  
910 716-3648

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 2)

**Program ID:** 280-36-11-082

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Children's Hospital Medical Center  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Myles L Pensak, MD  
University of Cincinnati Medical Center  
PO Box 670528  
231 Bethesda Ave  
Cincinnati, OH 45267-0528  
513 558-4188

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 0)

**Program ID:** 280-38-21-083

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

David W Stepnick, MD  
University Hospitals of Cleveland  
Dept of Oto-Head & Neck Surgery  
11100 Euclid Ave  
Cleveland, OH 44106-5045  
216 844-5004

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 0)

**Program ID:** 280-38-21-124

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Gordon B Hughes, MD  
Cleveland Clinic Foundation  
Dept of Otolaryngology  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 3)

**Program ID:** 280-38-22-085

## Columbus

### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital

*Program Director:*

David E Schuller, MD  
Ohio State University Hospital  
Rm 4100/Univ Hosp Clinic  
456 W 10th Ave  
Columbus, OH 43210-1282  
614 293-8150

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID:** 280-38-31-087

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

Baptist Medical Center of Oklahoma

Children's Hospital of Oklahoma

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Jesus E Medina, MD  
University of Oklahoma Health Science Center 3SP410  
PO Box 26901  
Oklahoma City, OK 73190-3048  
405 271-5504

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 2)

**Program ID:** 280-39-21-088

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Alexander J Schleuning, MD  
Oregon Health Sciences University  
3181 SW Sam Jackson Park Rd  
Dept of Otolaryngology PV-01  
Portland, OR 97201-3098  
503 494-5674

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID:** 280-40-21-089

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

Donald P Vrabec, MD  
Geisinger Medical Center  
100 N Academy Ave  
Danville, PA 17822  
717 271-6428

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID:** 280-41-12-090

## Hershey

### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

David A Wiegand, MD  
Milton S Hershey Medical Center of Penn State Univ  
Dept of Otolaryngology  
PO Box 850  
Hershey, PA 17033-0850  
717 531-8946

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 1)

**Program ID:** 280-41-11-091

## Philadelphia

### Temple University Program

Temple University Hospital  
Hahnemann University Hospital  
St Christopher's Hospital for Children

*Program Director:*

Max L Ronis, MD  
Temple University Hospital  
3400 N Broad St  
Philadelphia, PA 19140-5104  
215 707-3665

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID:** 280-41-21-092

### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
Pennsylvania Hospital  
Veterans Affairs Medical Center (Wilmington)

*Program Director:*

William M Keane, MD  
Louis D Lowry, MD  
Thomas Jefferson University Dept of Otolaryngology  
Clinical Office Bldg  
909 Walnut St 3rd Fl  
Philadelphia, PA 19107-5083  
215 955-6784

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

**Program ID:** 280-41-21-093

### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Graduate Hospital  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

David W Kennedy, MD  
University of Pennsylvania Medical Center Dept of Oto  
3400 Spruce St  
5 Ravidin  
Philadelphia, PA 19104  
215 662-2653

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

**Program ID:** 280-41-21-095

## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Allegheny General Hospital  
Children's Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Eugene N Myers, MD  
The Eye & Ear Institute Building  
203 Lothrop St  
Suite 500  
Pittsburgh, PA 15213  
412 647-2110

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 0)

**Program ID:** 280-41-21-096

\* Updated information not provided.

**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
San Juan City Hospital  
University Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Juan Trinidad-Pinedo, MD  
University of Puerto Rico School of Medicine  
Dept of Otolaryngology  
GPO Box 5867  
San Juan, PR 00936  
809 765-0240

*Length:* 4 Year(s) *Total Positions:* 9  
*Program ID:* 280-42-31-098

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
Charleston Memorial Hospital  
MUSC Medical Center  
Naval Hospital (Charleston)  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Warren Y Adkins, MD  
Medical University of South Carolina  
Dept of Oto & Communicative Science  
171 Ashley Ave  
Charleston, SC 29425-2242  
803 792-7161

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 280-45-21-100

**Tennessee****Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
Baptist Hospital  
Methodist Hospital-Central Unit  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Frank S Wong, MD  
University of Tennessee Medical Center  
Dept of Otolaryngology  
956 Court Ave Rm B226 Coleman  
Memphis, TN 38163  
901 528-5886

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 280-47-21-101

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Robert H Ossoff, DMD MD  
Vanderbilt University Medical School  
Dept of Otolaryngology S2100 MCN  
Nashville, TN 37232-2559  
615 322-7267

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 3)  
*Program ID:* 280-47-21-125

\* Updated information not provided.

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital  
John Peter Smith Hospital (Tarrant County Hospital District)  
St Paul Medical Center  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

William L Meyerhoff, MD PhD  
Univ of Texas Southwestern Medical Center  
5323 Harry Hines Blvd  
Dallas, TX 75235-9035  
214 648-2432

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 4)  
*Program ID:* 280-48-21-102

**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center

*Program Director:*

Sylvester G Ramirez, MD  
Brooke Army Medical Center Otolaryngology Service  
Fort Sam Houston  
San Antonio, TX 78234-6200  
210 916-9510

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 280-48-22-004

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Byron J Bailey, MD  
University of Texas Medical Branch Hospitals  
301 University Rt 0521  
Dept of Otolaryngology  
Galveston, TX 77555-0521  
409 772-9932

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)  
*Program ID:* 280-48-11-103

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Bobby R Alford, MD  
Baylor College of Medicine  
Dept of Otorhinolaryngology  
Houston, TX 77030  
713 798-5906

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
*Program ID:* 280-48-31-104

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Charles M Stiernberg, MD  
Dept of Otolaryngology/HNS  
Univ of Texas Medical School  
6431 Fannin MSB 6.132  
Houston, TX 77030  
713 792-5866

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)  
*Program ID:* 280-48-21-105

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Lt Col Charles S Johnson, USAF MC  
Wilford Hall Medical Center/PSSO  
Otolaryngology-Head & Neck Surgery  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-5623

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 2)  
*Program ID:* 280-48-11-001

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

Robert A Dobie, MD  
University of Texas Health Science Center  
Dept of Otolaryngology-H&N Surgery  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7777  
210 567-5655

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
*Program ID:* 280-48-21-106

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Holy Cross Hospital  
Primary Children's Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Kim R Davis, MD  
University of Utah School of Medicine  
Div of Otolaryngology - HNS  
50 N Medical Dr Rm 3C120  
Salt Lake City, UT 84132  
801 581-7514

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 280-49-21-107

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont  
Dartmouth-Hitchcock Medical Center

*Program Director:*

Robert A Sofferan, MD  
Medical Center Hospital of Vermont  
1 S Prospect St  
Burlington, VT 05401  
802 656-4535

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 1)  
*Program ID:* 280-50-11-108

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Robert W Cantrell, MD  
University of Virginia Medical Staff/Residency Office  
Attn: Dottie Hackworth  
Medical Center Box 136  
Charlottesville, VA 22908  
804 924-5594

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 280-51-21-109

### Norfolk

#### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
Naval Medical Center (Portsmouth)  
Sentara Norfolk General Hospital

*Program Director:*

Michael F Pratt, MD  
Eastern Virginia Medical School  
Dept of Otolaryn-Head & Neck Surg  
825 Fairfax Ave Ste 510  
Norfolk Virginia, VA 23507-1912  
804 446-5934

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 280-51-21-110

### Portsmouth

#### Naval Medical Center (Portsmouth) Program

Naval Medical Center (Portsmouth)

*Program Director:*

Lorenz F Lassen, MD  
Otolaryngology-Head and Neck Surgery Dept  
Naval Medical Center  
620 John Paul Jones Circle  
Portsmouth, VA 23708-5100  
804 398-5980

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 280-51-21-120

## Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Aristides Sismanis, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980146  
Richmond, VA 23298-0146  
804 786-3965

*Length:* 4 Year(s)  
*Program ID:* 280-51-21-111

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Ernest A Weymuller Jr, MD  
Dept of Otolaryngology-Head and Neck Surgery RL-30  
1959 NE Pacific Ave  
Seattle, WA 98195  
206 543-8383

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 0)  
*Program ID:* 280-54-21-112

### Tacoma

#### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*

David G Schall, MD MPH  
Madigan Army Medical Center  
Otolaryngology-Head and Neck Surg.  
Attn: HSHJ-SET  
Tacoma, WA 98431-5000  
206 968-1430

*Length:* 3 Year(s) *Total Positions:* 7 (GYI: 0)  
*Program ID:* 280-54-31-005

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals  
Louis A Johnson Veterans Affairs Medical Center

*Program Director:*

Stephen J Wetmore, MD  
West Virginia University Dept of Otolaryngology  
2222 Health Sciences S  
PO Box 9200  
Morgantown, WV 26506-9200  
304 293-3457

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 8)  
*Program ID:* 280-55-11-113

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
Meriter Hospital  
William S Middleton Veterans Hospital

*Program Director:*

Charles N Ford, MD  
University of Wisconsin Hospital  
Oto Head & Neck Surgery H4/310  
600 Highland Ave  
Madison, WI 53792-3236  
608 263-7064

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 280-56-21-114

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital

*Program Director:*

Bruce H Campbell, MD  
Medical College of Wisconsin Clinic at Froedtert Hospital  
Dept of Otolaryngology  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5583

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
*Program ID:* 280-56-21-115

\* Updated information not provided.

# Pain Management (Anesthesiology)

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Monica Neumann, MD

Loma Linda University Medical Center

Dept of Anesthesiology

PO Box 933

Loma Linda, CA 92354

909 824-4475

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 048-05-21-001

### Orange

#### University of California (Irvine) Program\*

University of California (Irvine) Medical Center

*Program Director:*

Carl Anthony Hess, MD

University of California (Irvine) Medical Center

Dept of Anesthesiology

PO Box 14091

Orange, CA 92613-1491

714 456-6437

*Length:* 1 Year(s)

*Program ID:* 048-05-31-002

### San Diego

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Harvey M Shapiro, MD

Dept of Anesthesiology

UCSD Medical Center

200 W Arbor Dr

San Diego, CA 92103-0801

619 543-7336

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 048-05-21-047

### Stanford

#### Stanford University Program\*

Stanford University Hospital

*Program Director:*

William G Brose, MD

Dept of Anesthesiology Pain Management

Stanford Univ Schl of Medicine

S268-A Grant Bldg/300 Pasteur Dr

Stanford, CA 94305

415 725-5852

*Length:* 1 Year(s)

*Program ID:* 049-05-21-059

## Connecticut

### Hartford

#### Hartford Hospital Program\*

Hartford Hospital

Newington Children's Hospital

*Program Director:*

Jeffrey S Morrow, MD

Hartford Hospital

80 Seymour St

Hartford, CT 06102-5037

203 545-2117

*Length:* 1 Year(s)

*Program ID:* 048-08-21-057

## District of Columbia

### Washington

#### Georgetown University Program\*

Georgetown University Hospital

Fairfax Hospital

NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Charles A Buzzanell, MD

Georgetown Univ Med Ctr

S-CCC

3800 Reservoir Rd NW

Washington, DC 20007

202 784-2080

*Length:* 1 Year(s)

*Program ID:* 048-10-21-055

## Florida

### Gainesville

#### University of Florida Program\*

University of Florida College of Medicine

Shands Hospital at the University of Florida

Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Jerry J Berger, MD

Dept of Anesthesia

JHMHSC

PO Box 100254

Gainesville, FL 32610-0254

904 395-0077

*Length:* 1 Year(s)

*Program ID:* 048-11-21-046

### Miami

#### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Vincent Pallares, MD

Univ of Miami School of Medicine

Dept of Anesthesiology (R-370)

PO Box 016370

Miami, FL 33101

305 585-6283

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 048-11-21-003

## Tampa

#### University of South Florida Program

University of South Florida College of Medicine

H Lee Moffitt Cancer Center

James A Haley Veterans Hospital

*Program Director:*

Manjul D Derasari, MD

USF College of Medicine

12901 Bruce B Downs Blvd

MDC 59

Tampa, FL 33612-4799

813 251-7438

*Length:* 1 Year(s) *Total Positions:* 69 (GYI: 6)

*Program ID:* 048-11-21-050

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine

Crawford Long Hospital of Emory University

Emory University Hospital

*Program Director:*

Allen H Hord, MD

Emory University

Center for Pain Medicine

1365 Clifton Rd

Atlanta, GA 30322

404 248-3952

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 048-12-21-004

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School

Northwestern Memorial Hospital

*Program Director:*

Honorio T Benzon, MD

Northwestern Univ Medical School

Dept of Anesthesia

303 E Superior Rm 360

Chicago, IL 60611-3053

312 908-2500

*Total Positions:* 1

*Program ID:* 048-16-21-005

#### University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program\*

University of Illinois College of Medicine at Chicago

Michael Reese Hospital and Medical Center

*Program Director:*

Charles E Laurito, MD

Univ of Illinois at Chicago

Dept of Anesthesiology M/C-845

840 S Wood St

Chicago, IL 60612

312 996-7516

*Length:* 1 Year(s) (GYI: 0)

*Program ID:* 048-16-31-006

\* Updated information not provided.

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center

*Program Director:*

John B Ward, MD  
Indiana Univ Med Ctr  
1120 South Dr  
Fesler Hall 204  
Indianapolis, IN 46202-5115  
317 274-0265  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID: 048-17-21-039**

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Winston Barcellos, MD  
Univ of Iowa Hospitals and Clinics  
Dept of Anesthesiology  
Iowa City, IA 52242-1079  
319 356-2320  
*Length:* 1 Year(s)  
**Program ID: 048-18-21-007**

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center

*Program Director:*

William O Witt, MD  
University of Kentucky  
Albert B Chandler Med Ctr  
800 Rose St Rm N-202  
Lexington, KY 40536-0084  
606 323-5956  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID: 048-20-21-035**

## Maryland

### Baltimore

#### Johns Hopkins University Program\*

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Srinivasa N Raja, MD  
The Johns Hopkins University  
550 N Broadway  
Ste 201  
Baltimore, MD 21205  
410 614-0405  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID: 048-23-21-008**

#### University of Maryland Program\*

University of Maryland Medical System

*Program Director:*

Arthur Milholland, MD  
Univ of Maryland  
Dept of Anesthesiology  
22 S Greene St Ste S11C  
Baltimore, MD 21201  
410 328-5063  
*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID: 048-23-31-009**

## Massachusetts

### Boston

#### Beth Israel Hospital Program

Beth Israel Hospital  
Brigham and Women's Hospital  
Children's Hospital

*Program Director:*

Carol A Warfield, MD  
Beth Israel Hospital  
Pain Management Center  
330 Brookline Ave  
Boston, MA 02215  
617 735-5726  
*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID: 048-24-21-010**

#### Brigham and Women's Hospital Program\*

Brigham and Women's Hospital

*Program Director:*

F Michael Ferrante, MD  
Dept of Anesthesiology-Pain Management  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-6707  
*Length:* 1 Year(s)  
**Program ID: 048-24-31-043**

#### Massachusetts General Hospital Program\*

Massachusetts General Hospital

*Program Director:*

David Borsook, MD PhD  
Massachusetts General Hospital  
MGH Pain Center  
32 Fruit St  
Boston, MA 02114  
617 726-3332  
*Length:* 1 Year(s)  
**Program ID: 048-24-21-040**

## Springfield

#### Baystate Medical Center Program

Baystate Medical Center

*Program Director:*

Robert B Steinberg, PhD MD  
Baystate Medical Center  
Dept of Anesthesiology  
759 Chestnut St  
Springfield, MA 01199  
413 784-3520  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID: 048-24-31-011**

## Michigan

### Ann Arbor

#### University of Michigan Program\*

University of Michigan Hospitals

*Program Director:*

A Michael de Rosayro, MD  
C233 Med Inn Bldg  
Ann Arbor, MI 48109-0824  
313 763-5459  
*Length:* 1 Year(s)  
**Program ID: 048-25-31-065**

### Detroit

#### Henry Ford Hospital Program\*

Henry Ford Hospital

*Program Director:*

Jyotsna K Shah, MD  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-8078  
*Length:* 1 Year(s)  
**Program ID: 048-25-21-061**

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine (Jacksonville) Program\*

Mayo Graduate School of Medicine-Mayo Foundation

Mayo Clinic (Jacksonville)  
St Luke's Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Tim J Lamer, MD  
Mayo Clinic  
4500 San Pablo Rd  
Jacksonville, FL 32224  
904 296-5288  
*Length:* 1 Year(s)  
**Program ID: 048-11-31-054**

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation

Mayo Clinic (Jacksonville)  
Mayo Clinic (Rochester)  
Mayo Clinic (Scottsdale)  
Rochester Methodist Hospital  
Scottsdale Memorial Hospital  
St Luke's Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Joseph M Messick Jr, MD  
Mayo Anesthesiology Residency Program  
Mayo Clinic  
St Mary's Mary Brigh Rm 2-500  
Rochester, MN 55905  
507 255-4240  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID: 048-26-21-012**

\* Updated information not provided.

**Missouri****St Louis****Washington University Program**

Barnes Hospital  
St Louis Children's Hospital

*Program Director:*  
Robert A Swarm, MD  
Washington Univ School of Medicine  
Dept of Anesthesiology  
Campus Box 8054 660 S Euclid Ave  
St Louis, MO 63110-1093  
314 362-8820

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 048-28-21-013

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Dartmouth-Hitchcock Medical Center

*Program Director:*  
Dennis W Coombs, MD  
Dept of Anesthesiology  
Dartmouth-Hitchcock Med Ctr  
One Medical Ctr Dr  
Lebanon, NH 03756-0001  
603 650-8690

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 048-32-21-044

**New Jersey****Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
UMDNJ-University Hospital

*Program Director:*  
Wen-Hsien Wu, MD  
UMDNJ-New Jersey Med Schl  
Dept of Anesthesiology  
90 Bergen St Ste 3400  
Newark, NJ 07103-2757  
201 982-2080

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 048-33-21-014

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program\***

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital

*Program Director:*  
Young Choi, MD  
CN19  
One Robert Wood Johnson Pl  
New Brunswick, NJ 08903  
908 937-8751

*Length:* 1 Year(s)  
*Program ID:* 048-33-21-063

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*  
Nabil M K Ali, MD  
Univ of New Mexico School of Medicine  
Dept of Anesthesiology  
Pain Management Center  
Albuquerque, NM 87131-5216  
505 272-2733

*Length:* 1 Year(s) *Total Positions:* 8  
*Program ID:* 048-34-21-015

**New York****Albany****Albany Medical Center Program\***

Albany Medical Center Hospital

*Program Director:*  
David Richlin, MD  
Albany Medical Center Program  
Pain Management Center  
618 Central Ave  
Albany, NY 12206  
518 464-0039

*Length:* 1 Year(s)  
*Program ID:* 048-35-21-016

**Brooklyn****Brookdale Hospital Medical Center Program\***

Brookdale Hospital Medical Center

*Program Director:*  
Adel R Abadir, MD  
Dept of Anesthesiology Pain Management  
Brookdale Hosp Med Ctr  
#719 CHC/1275 Linden Blvd  
Brooklyn, NY 11212  
718 240-5356

*Length:* 1 Year(s)  
*Program ID:* 048-35-21-060

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Long Island College Hospital  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*  
Mathew Lefkowitz, MD  
SUNY Hlth Sci Ctr  
450 Clarkson Ave  
Box 6  
Brooklyn, NY 11203  
718 270-1525

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 048-35-31-056

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Roswell Park Cancer Institute

*Program Director:*  
Gerald L Peer, MD  
SUNY/Anesthesiology  
100 High St  
Buffalo, NY 14203  
716 843-4526

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 048-35-31-017

**New York****Mount Sinai School of Medicine Program\***

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*  
Joel M Kreitzer, MD  
Box 1192  
One Gustave L Levy Pl  
New York, NY 10028  
212 241-6372

*Length:* 1 Year(s)  
*Program ID:* 048-35-31-066

**New York Hospital/Cornell Medical Center Program\***

New York Hospital

*Program Director:*  
Howard L Rosner, MD  
Dept of Anesthesiology  
The New York Hosp  
525 E 68th St  
New York, NY 10021  
212 746-2960

*Length:* 1 Year(s)  
*Program ID:* 048-35-21-049

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center

*Program Director:*  
Ronny Hertz, MD  
St Luke's-Roosevelt Hospital Center  
Dept of Anesthesiology  
1000 Tenth Ave  
New York, NY 10019  
212 523-6357

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 048-35-11-018

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester  
Monroe Community Hospital

*Program Director:*  
Frederick M Perkins, MD  
Univ of Rochester Med Ctr  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-2141

*Length:* 1 Year(s)  
*Program ID:* 048-35-21-051

\* Updated information not provided.



## Stony Brook

### SUNY at Stonybrook Program\*

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Farrokh R Maneksha, MD  
Health Sciences Center L4-060  
Stony Brook, NY 11794-8480  
516 444-2975

*Length:* 1 Year(s)

*Program ID:* 048-35-11-067

## Syracuse

### St Joseph's Hospital Health Center Program\*

St Joseph's Hospital Health Center

*Program Director:*

Robert A Tiso, MD  
Suite 5D

5100 W Taft Rd  
Liverpool, NY 13088  
315 452-2054

*Length:* 1 Year(s)

*Program ID:* 048-35-22-068

## Valhalla

### New York Medical College at Westchester County Medical Center Program

New York Medical College  
Westchester County Medical Center

*Program Director:*

Gregory Kizelshteyn, MD  
New York Med Coll  
Dept of Anesthesiology  
Grasslands Rd Macy-West  
Valhalla, NY 10595  
914 285-7692

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 048-35-32-019

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Bruno J Urban, MD  
Duke Univ Medical Center  
Dept of Anesthesiology  
Box 3094  
Durham, NC 27710  
919 684-6542

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 048-36-21-020

### Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Richard L Rauck, MD  
Pain Control Center  
Medical Center Blvd  
Winston-Salem, NC 27157-1077  
910 716-5530

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 048-36-21-036

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Children's Hospital Medical Center

*Program Director:*

Richard V Gregg, MD  
Medical Arts Bldg Ste 8100  
222 Piedmont Ave  
Cincinnati, OH 45219  
513 475-8500

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 048-38-21-021

### Cleveland

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Nagy A Mekhail, MD PhD  
The Cleveland Clinic Foundation  
Dept of Gen Anest Pain Mngmt Ctr  
9500 Euclid Ave TT32  
Cleveland, OH 44195  
216 444-5690

*Length:* 1 Year(s) *Total Positions:* 10

*Program ID:* 048-38-31-022

## Oregon

### Portland

#### Oregon Health Sciences University Program\*

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Barbara M Fleming, MD  
Oregon Health Sciences Univ  
Dept of Anesthesiology  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201  
503 494-7641

*Length:* 1 Year(s)

*Program ID:* 048-40-21-023

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Wayne K Marshall, MD  
Hershey Med Ctr  
Dept of Anesthesia  
PO Box 850  
Hershey, PA 17033  
717 531-6128

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 048-41-21-024

## Philadelphia

### Albert Einstein Medical Center Program

Albert Einstein Medical Center

*Program Director:*

Robert A Hirsh, MD  
Dept of Anesthesiology  
5501 Old York Rd  
Tower Bldg 3rd Fl  
Philadelphia, PA 19141  
215 456-3815

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 048-41-21-037

### Temple University Program

Temple University Hospital

*Program Director:*

Timothy O'Grady, MD  
Temple Univ Hosp  
Dept of Anesthesiology  
Broad & Ontario Sts  
Philadelphia, PA 19140  
215 707-1407

*Length:* 1 Year(s) (GYI: 0)

*Program ID:* 048-41-31-025

### Thomas Jefferson University Program

Thomas Jefferson University Hospital

*Program Director:*

Evan D Frank, MD PhD  
Thomas Jefferson University  
834 Chestnut St Ste T-150  
Philadelphia, PA 19107-5127  
215 955-7246

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 048-41-21-041

### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Kathleen M Veloso, MD  
Univ of Pennsylvania  
Dept of Anesthesiology  
3400 Spruce St  
Philadelphia, PA 19104-4283  
215 662-3742

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 048-41-11-026

## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Brett R Stacey, MD  
Univ Hlth Ctr of Pittsburgh  
Pain Evaluation & Treatment Inst  
4601 Baum Blvd  
Pittsburgh, PA 15213  
412 578-3100

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 048-41-32-027

\* Updated information not provided.

**South Carolina****Columbia****Richland Memorial Hospital-University of South Carolina School of Medicine Program**

Richland Memorial Hospital-Univ of South Carolina Sch of Med

*Program Director:*

Rudolph H DeJong, MD FACPM

Richland Memorial Hosp-Univ of South Carolina Sch of Med

Dept of Anesthesiology

Five Richland Medical Pk

Columbia, SC 29203

803 434-6151

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID: 048-45-21-028**

**Tennessee****Nashville****Vanderbilt University Program\***

Vanderbilt University Medical Center

*Program Director:*

Winston C V Parris, MD

1211 21st Ave S

Medical Arts Bldg Ste 324

Nashville, TN 37232

615 343-7072

*Length:* 1 Year(s)

**Program ID: 048-47-21-038**

**Texas****Dallas****University of Texas Southwestern Medical School Program\***

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

Texas Scottish Rite Hospital for Children

Zale-Lipshy University Hospital

*Program Director:*

Darrell L Tanelian, MD

University of Texas Southwestern Medical Center

5323 Harry Hines Blvd

Dallas, TX 75235-9068

214 648-5498

*Length:* 1 Year(s)

**Program ID: 048-48-21-052**

**Houston****Baylor College of Medicine Program\***

Baylor College of Medicine  
Methodist Hospital

*Program Director:*

William F Childres, MD

Dept of Anesthesia Baylor Coll of Med

Smith Tower Ste 1003

6550 Fannin

Houston, TX 77030

713 798-7356

*Length:* 1 Year(s)

**Program ID: 048-48-21-045**

**University of Texas at Houston Program**

University of Texas Medical School at Houston

Hermann Hospital

*Program Director:*

Gordon A Irving, MD

Univ of Texas Medical School at Houston

Dept of Anesthesiology

6431 Fannin MSB 5.020

Houston, TX 77030

713 797-2732

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID: 048-48-21-029**

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock

University Medical Center

*Program Director:*

Gabor B Racz, MD

Texas Tech Univ (Lubbock)

Dept of Anesthesiology

3601 Fourth St

Lubbock, TX 79430

806 743-3112

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 048-48-21-030**

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio

Audie L Murphy Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Somayaji Ramamurthy, MD

Univ of Texas Health Science Center at San Antonio

Dept of Anesthesiology/Pain Mgmt

7703 Floyd Curl Dr

San Antonio, TX 78284-7838

210 567-4543

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 048-48-31-031**

**Vermont****Burlington****Medical Center Hospital of Vermont Program\***

Medical Center Hospital of Vermont

*Program Director:*

James S Rathmell, MD

111 Colchester Ave

Burlington, VT 05401

802 656-2415

*Length:* 1 Year(s)

**Program ID: 048-50-21-069**

**Virginia****Portsmouth****Naval Medical Center (Portsmouth) Program\***

Naval Medical Center (Portsmouth)

*Program Director:*

William L Little Jr, DO

Naval Hosp

Dept of Anesthesiology

Portsmouth, VA 23708-5100

804 398-7266

*Length:* 1 Year(s)

**Program ID: 048-51-21-032**

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program\***

Medical College of Virginia/Virginia Commonwealth University

Medical College of Virginia Hospitals

*Program Director:*

Amir Rafii, MD

MCV/Virginia Commonwealth Univ

PO Box 980516

Richmond, VA 23298-0516

804 786-9162

*Length:* 1 Year(s)

**Program ID: 048-51-31-033**

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine

University of Washington Medical Center

Veterans Affairs Medical Center (Seattle)

*Program Director:*

John D Loeser, MD

Univ of Washington

Multidisciplinary Pain Ctr RC-95

1959 NE Pacific

Seattle, WA 98195

206 548-4429

*Length:* 1 Year(s) *Total Positions:* 4

**Program ID: 048-54-21-034**

**Virginia Mason Medical Center Program**

Virginia Mason Medical Center

*Program Director:*

Gale E Thompson, MD

Virginia Mason Clinic

B2-AN

1100 Ninth Ave PO Box 900

Seattle, WA 98111

206 223-6980

*Length:* 1 Year(s) *Total Positions:* 32 (GYI: 4)

**Program ID: 048-54-21-053**

\* Updated information not provided.

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
John L Doyne Hospital

*Program Director:*

Stephen E Abram, MD  
Medical College of Wisconsin Affiliated Hospitals  
Dept of Anesthesiology  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 257-6259

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 048-56-21-042

## Pathology-Anatomic and Clinical

## Alabama

### Birmingham

#### Birmingham Baptist Medical Centers Program

Birmingham Baptist Medical Centers Inc.  
Birmingham Baptist Medical Center-Montclair  
Birmingham Baptist Medical Center-Princeton

*Program Director:*

Paul J Biggs, MD  
Baptist Medical Center-Princeton Dept of Pathology  
701 Princeton Ave SW  
Birmingham, AL 35211  
205 783-3240

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 300-01-21-017

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

C Bruce Alexander, MD  
University of Alabama at Birmingham  
Dept of Pathology WP P220  
University Station  
Birmingham, AL 35233-7331  
205 934-2492

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 4)

*Subspecialties:* BBK,PCP

*Program ID:* 300-01-31-018

## Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

J Allan Tucker, MD  
University of Alabama College of Medicine  
Dept of Pathology  
2451 Fillingim St  
Mobile, AL 36617  
205 471-7799

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 300-01-11-019

## Arizona

### Phoenix

#### St Joseph's Hospital and Medical Center Program

St Joseph's Hospital and Medical Center

*Program Director:*

William D Anderson, MD  
St Joseph's Hospital & Medical Center  
Dept of Pathology  
PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-3402

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 1)

*Program ID:* 300-03-12-022

## Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Richard E Sobonya, MD  
University of Arizona Health Sciences Center  
Dept of Pathology  
1501 N Campbell Ave  
Tucson, AZ 85724-0001  
602 626-3100

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)

*Program ID:* 300-03-21-023

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Aubrey J Hough Jr, MD  
University of Arkansas Medical Sciences Dept of  
Pathology  
4301 W Markham Slot 517  
Little Rock, AR 72205-7199  
501 686-5170

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 5)

*Subspecialties:* HMP,PCP

*Program ID:* 300-04-21-024

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Brian S Bull, MD  
Jeffrey D Cao, MD  
Loma Linda University Medical Center  
Dept of Pathology Rm 2516  
11234 Anderson St  
Loma Linda, CA 92354  
909 824-4400

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 4)

*Program ID:* 300-05-21-028

## Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Stephen A Geller, MD  
Cedars-Sinai Medical Center  
8700 Beverly Blvd  
Dept of Pathology & Lab Med  
Los Angeles, CA 90048  
310 855-6632

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 5)

*Subspecialties:* BBK,HMP,PIP

*Program ID:* 300-05-12-030

\* Updated information not provided.

**UCLA Medical Center Program**

UCLA School of Medicine  
LAC-Olive View Medical Center  
UCLA Medical Center

*Program Director:*

Dorothy L Rosenthal, MD  
Dept of Pathology A3-231T CHS  
405 Hilgard Ave  
Los Angeles, CA 90024-1732  
310 206-6508

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

*Subspecialties:* BBK,NP,PCP

**Program ID: 300-05-11-034**

**University of Southern California Program**

Los Angeles County-USC Medical Center

*Program Director:*

Clive R Taylor, MD PhD  
Los Angeles County & Univ of Southern California  
Medical Ctr  
1200 N State St Rm 2900  
Los Angeles, CA 90033  
213 226-7148

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 6)

*Subspecialties:* BBK,NP

**Program ID: 300-05-21-033**

**Veterans Affairs Medical Center (West Los Angeles) Program**

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Thomas M Stanley, MD  
West Los Angeles VA Medical Center  
Pathology & Laboratory Med (113)  
11301 W Wilshire Blvd  
Los Angeles, CA 90073-1005  
310 824-3121

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 300-05-31-035**

**Oakland****Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Foundation Hospital (San Francisco)  
Permanente Medical Group Regional Laboratory

*Program Director:*

Milton L Bassis, MD  
Kaiser Foundation Hospital  
Dept of Pathology  
350 St Joseph's St  
San Francisco, CA 94115-3395  
415 202-3870

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 3)

**Program ID: 300-05-12-041**

**Orange****University of California (Irvine) Program\***

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Ronald C Kim, MD  
UCIMC  
Bldg 10 Rm 101  
101 The City Dr  
Orange, CA 92668  
310 494-5513

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)

**Program ID: 300-05-21-407**

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

Robert D Cardiff, MD PhD  
University of California (Davis) Program  
Dept of Pathology  
2315 Stockton Blvd  
Sacramento, CA 95817-2283  
916 734-3330

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)

**Program ID: 300-05-11-025**

**San Diego****Naval Medical Center (San Diego) Program**

Naval Medical Center (San Diego)

*Program Director:*

Frank Wesley Hall, MD  
Naval Medical Center  
34800 Bob Wilson Dr  
San Diego, CA 92134-5000  
619 532-9200

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 300-05-12-011**

**University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

David N Bailey, MD  
University of California San Diego Medical Center  
200 W Arbor Dr  
San Diego, CA 92103-8320  
619 543-6386

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)

**Program ID: 300-05-21-040**

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of  
Medicine

San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Carolyn K Montgomery, MD  
C Diana Nicoll, MD PhD  
University of California (San Francisco)  
Dept of Pathology  
513 Parnassus Ave  
San Francisco, CA 94143-0506  
415 476-9192

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 4)

**Program ID: 300-05-21-044**

**San Jose****Santa Clara Valley Medical Center Program**

Santa Clara Valley Medical Center

*Program Director:*

Elisabeth A Mallhot, MD  
Santa Clara Valley Medical Center  
751 S Bascom Ave  
San Jose, CA 95128-2699  
408 885-6550

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 300-05-12-045**

**Stanford****Stanford University Program**

Stanford University Hospital  
California Pacific Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Klaus G Bensch, MD  
Stanford University School of Medicine  
Dept of Pathology L-235  
Stanford, CA 94305-5324  
415 723-7975

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 7)

**Program ID: 300-05-21-046**

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Samuel W French, MD  
Harbor-Univ of California Los Angeles Medical Center  
Dept of Pathology  
1000 W Carson St  
Torrance, CA 90509-2910  
310 222-2201

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

**Program ID: 300-05-11-047**

**Colorado****Colorado Springs****Penrose-St Francis Healthcare System Program**

Penrose-St Francis Healthcare System

*Program Director:*

Tobias Kircher, MD  
Donald L Dawson, MD  
Penrose Hospital  
Dept of Pathology  
PO Box 7021  
Colorado Springs, CO 80933  
719 630-5816

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 0)

**Program ID: 300-07-12-048**

**Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Janet K Stephens, MD PhD  
University of Colorado Health Sciences Center  
Dept of Pathology Box B 216  
4200 E Ninth Ave  
Denver, CO 80262  
303 270-5117

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 4)

**Program ID: 300-07-21-055**

\* Updated information not provided.

## Connecticut

### Danbury

#### Danbury Hospital Program

Danbury Hospital

*Program Director:*

Ramon N Kranwinkel, MD

Danbury Hospital

Dept of Pathology

24 Hospital Ave

Danbury, CT 06810

203 797-7338

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 0)

*Program ID:* 300-08-11-057

### Hartford

#### Hartford Hospital Program

Hartford Hospital

*Program Director:*

Raymond C Bartlett, MD

Hartford Hospital

80 Seymour St

PO Box 5037

Hartford, CT 06102-5037

203 545-2249

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 3)

*Subspecialties:* HMP

*Program ID:* 300-08-11-059

### New Haven

#### Yale-New Haven Medical Center Program\*

Yale-New Haven Hospital

Veterans Affairs Medical Center (West Haven)

*Program Director:*

Jose Costa, MD

Yale-New Haven Medical Center

Dept of Pathology

310 Cedar St

New Haven, CT 06510

203 785-3624

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 5)

*Program ID:* 300-08-21-062

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine

Children's National Medical Center

George Washington University Hospital

Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Herschel Sidransky, MD

George Washington University Hospital

2300 I St NW

Washington, DC 20037

202 994-3391

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 5)

*Subspecialties:* PCP

*Program ID:* 300-10-31-069

### Georgetown University Program

Georgetown University Hospital

*Program Director:*

David F Garvin, MD

David Lacher, MD

Georgetown University Hospitals

3900 Reservoir Rd NW

Washington, DC 20007-2197

202 687-2479

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 6)

*Subspecialties:* BBK

*Program ID:* 300-10-11-068

### Howard University Program

Howard University Hospital

*Program Director:*

Josephine J Marshalleck, MD

Howard University Hospital

Dept of Pathology

2041 Georgia Ave NW

Washington, DC 20060

202 806-6306

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 300-10-21-070

### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Thomas H Sprague, MD

Walter Reed Army Medical Center

Dept of Pathology & Area Lab Serv

6825 16th St NW

Washington, DC 20307-5001

202 782-6280

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 300-10-12-004

### Washington Hospital Center Program

Washington Hospital Center

*Program Director:*

Mary E Kass, MD

Washington Hospital Center

Dept of Pathology

110 Irving St NW

Washington, DC 20010-2975

202 877-6190

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 4)

*Program ID:* 300-10-12-071

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine

Shands Hospital at the University of Florida

Veterans Affairs Medical Center (Gainesville)

*Program Director:*

William Winter, MD

Univ of Florida College of Medicine Dept of Pathology

Box 100275 JHMHC

1600 SW Archer Rd

Gainesville, FL 32610-0275

904 392-4053

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 3)

*Subspecialties:* HMP,PCP

*Program ID:* 300-11-21-073

### Jacksonville

#### University of Florida Health Science Center/Jacksonville Program

University Medical Center (UFHSC/J)

*Program Director:*

Shahla Masood, MD

Ronald M Rhatigan, MD

Univ of Florida Health Sciences Center/Jacksonville

Dept of Pathology

655 W 8th St

Jacksonville, FL 32209-6511

904 549-4387

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 1)

*Subspecialties:* PCP

*Program ID:* 300-11-31-074

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center

Veterans Affairs Medical Center (Miami)

*Program Director:*

Gerald E Byrne Jr, MD

Mehrdad Nadji, MD

Department of Pathology

Jackson Memorial Hospital

1611 NW 12th Ave E Tower Rm 2053

Miami, FL 33136

305 585-7242

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 3)

*Subspecialties:* PCP,PIP

*Program ID:* 300-11-21-075

### Miami Beach

#### Mount Sinai Medical Center of Greater Miami Program

Mount Sinai Medical Center of Greater Miami

*Program Director:*

Morton J Robinson, MD

Mount Sinai Medical Center of Greater Miami

Dept of Pathology

4300 Alton Rd

Miami Beach, FL 33140

305 674-2277

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 300-11-31-076

### Orlando

#### Orlando Regional Healthcare System Program

Orlando Regional Medical Center

*Program Director:*

Gary S Pearl, MD PhD

Orlando Regional Healthcare System

Dept of Pathology

1414 Kuhl Ave

Orlando, FL 32806

407 841-5111

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 1)

*Program ID:* 300-11-12-077

\* Updated information not provided.

**Tampa****University of South Florida Program**

University of South Florida College of Medicine  
Bayfront Medical Center  
H Lee Moffitt Cancer Center  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Philip R Foulis, MD  
Paul Baekey MD

University of South Florida College of Medicine  
Dept of Pathology and Lab Medicine  
12901 Bruce B Downs Blvd Box 11  
Tampa, FL 33612-4799  
813 974-3133

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 4)  
**Program ID:** 300-11-31-078

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Robert R Pascal, MD  
Emory University Dept of Pathology & Lab Medicine  
Emory Univ Hospital Rm H-180A  
1364 Clifton Rd NE  
Atlanta, GA 30322-8110  
404 727-4283

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 8)  
*Subspecialties:* BBK,PCP  
**Program ID:** 300-12-21-080

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

A B Chandler, MD  
D Greer Falls III, MD  
Medical College of Georgia Dept of Pathology  
1120 15th St (BF-110)  
Augusta, GA 30912-3600  
706 721-2923

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
*Subspecialties:* BBK  
**Program ID:** 300-12-21-082

**Fort Gordon****Dwight David Eisenhower Army Medical Center Program**

Dwight David Eisenhower Army Medical Center

*Program Director:*

Dolatrai G Naik, MD  
Dwight David Eisenhower Army Medical Center  
Dept of Pathology & Lab Services  
Fort Gordon, GA 30905-5650  
706 791-6345

*Length:* 4 Year(s) (GYI: 0)  
**Program ID:** 300-12-31-005

**Hawaii****Honolulu****University of Hawaii Program**

University of Hawaii John A Burns School of Medicine  
Kaiser Foundation Hospital (Moanalua)  
Kuakini Medical Center  
Queen's Medical Center  
St Francis Medical Center

*Program Director:*

John M Hardman, MD  
John A Burns School of Medicine Dept of Pathology  
1960 East-West Rd  
Biomed Tower 512-B  
Honolulu, HI 96822  
808 956-8970

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 300-14-21-085

**Tripler AMC****Tripler Army Medical Center Program**

Tripler Army Medical Center

*Program Director:*

Robert B Hill, MD  
Tripler Army Med Ctr  
Dept of Pathology  
Attn: HSHK-DP  
Honolulu, HI 96859-5000  
808 433-6006

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)  
**Program ID:** 300-14-12-006

**Illinois****Chicago****Cook County Hospital Program\***

Cook County Hospital  
Mount Sinai Hospital Medical Center of Chicago

*Program Director:*

Marc G Reyes, MD  
Cook County Hospital  
Dept of Pathology  
627 S Wood St  
Chicago, IL 60612  
312 633-7166

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 300-16-21-088

**McGaw Medical Center of Northwestern University (Evanston) Program\***

Northwestern University Medical School  
Evanston Hospital

*Program Director:*

Arlen G Brodin, MD  
Evanston Hospital  
Dept of Pathology  
2650 Ridge Ave  
Evanston, IL 60201-1783  
708 570-2776

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 300-16-21-412

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Children's Memorial Medical Center  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

LoAnn C Peterson, MD  
Northwestern University Medical School  
Pathology Dept WARD 6-204  
303 E Chicago Ave  
Chicago, IL 60611-3008  
312 503-8144

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 4)  
*Subspecialties:* MM,PCP  
**Program ID:** 300-16-21-094

**Rush Medical College Program**

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Melvin M Schwartz, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Dept of Pathology  
Chicago, IL 60612-3833  
312 942-5262

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
**Program ID:** 300-16-11-095

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

Wendy Recant, MD  
Univ of Chicago Hospitals  
5841 S Maryland Ave MC3083  
Chicago, IL 60637-1470  
312 702-0967

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 5)  
*Subspecialties:* BBK,HMP,NP  
**Program ID:** 300-16-21-097

**University of Illinois College of Medicine at Chicago Metropolitan Group Hospitals Program**

University of Illinois College of Medicine at Chicago  
Illinois Masonic Medical Center  
Mercy Hospital and Medical Center

*Program Director:*

Douglas P Rhone, MD  
Metropolitan Group Hospitals Residency in Pathology  
836 W Wellington Ave  
Rm 4813  
Chicago, IL 60657-5193  
312 296-7093

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 5)  
**Program ID:** 300-16-21-409

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Wellington Jao, MD  
University of Illinois Hospital  
Dept of Pathology (M/C 847)  
1819 W Polk St  
Chicago, IL 60612-7335  
312 996-7312

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 6)  
*Subspecialties:* HMP  
**Program ID:** 300-16-21-098

\* Updated information not provided.

## Maywood

### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Ralph P Leischner, MD  
Loyola University Medical Center  
2160 S First Ave  
Maywood, IL 60153  
708 216-3249

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 4)

*Subspecialties:* PCP

**Program ID:** 300-16-21-394

## Park Ridge

### Lutheran General Hospital Program

Lutheran General Hospital

*Program Director:*

Jonas Valaitis, MD  
Lutheran General Hospital  
1775 Dempster Ave  
Park Ridge, IL 60068  
708 696-7548

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 1)

**Program ID:** 300-16-21-388

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Thomas E Davis, MD PhD  
Wishard Memorial Hospital  
Dept of Pathology  
1001 W 10th St  
Indianapolis, IN 46202-2879  
317 630-6331

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 3)

*Subspecialties:* BBK,HMP,PCP

**Program ID:** 300-17-21-111

#### Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Carol A Filomena, MD  
Methodist Hospital of Indiana  
I-65 at 21st St  
PO Box 1367  
Indianapolis, IN 46206-1367  
317 928-6092

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 2)

**Program ID:** 300-17-11-112

## Muncie

### Ball Memorial Hospital Program

Ball Memorial Hospital

*Program Director:*

Douglas A Triplett, MD  
Ball Memorial Hospital  
2401 University Ave  
Muncie, IN 47303-3499  
317 747-3246

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID:** 300-17-21-114

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Steven A Moore, MD PhD  
University of Iowa Hospitals and Clinics  
Dept of Pathology 119 ML  
Iowa City, IA 52242-1181  
319 335-8215

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* HMP,PCP

**Program ID:** 300-18-21-116

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

Ossama W Tawfik, MD PhD  
University of Kansas Medical Center  
Dept of Pathology & Laboratory Med  
3901 Rainbow Blvd  
Kansas City, KS 66160-7410  
913 588-1185

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 4)

**Program ID:** 300-19-21-117

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

William N O'Connor, MD  
University of Kentucky  
Dept of Pathology  
800 Rose St MCC Rm CC 452  
Lexington, KY 40536-0093  
606 323-6183

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

*Subspecialties:* PCP

**Program ID:** 300-20-21-120

## Louisville

### University of Louisville Program

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Walter L Broghamer Jr, MD  
University of Louisville School of Medicine  
Dept of Pathology  
University of Louisville  
Louisville, KY 40292  
502 862-5298

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 2)

*Subspecialties:* FOP,HMP,PCP

**Program ID:** 300-20-21-121

## Louisiana

### New Orleans

#### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation

*Program Director:*

Edwin N Beckman, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-3260

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)

**Program ID:** 300-21-12-124

#### Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*

Gary E Lipscomb, MD  
Louisiana State University School of Medicine  
Dept of Pathology  
1901 Perdido St  
New Orleans, LA 70112-1393  
504 568-6031

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 5)

*Subspecialties:* BBK

**Program ID:** 300-21-21-123

#### Tulane University Program

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane Division

*Program Director:*

John R Krause, MD  
Tulane University  
Dept of Pathology  
1430 Tulane Ave/Rm 6519  
New Orleans, LA 70112-2699  
504 588-5224

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)

*Subspecialties:* DMP

**Program ID:** 300-21-21-122

## Shreveport

### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*

Warren D Grafton, MD  
Louisiana State University Medical Center Hospital  
Medical Education Dept (Pathology)  
PO Box 33932 1501 Kings Hwy  
Shreveport, LA 71130-3932  
318 675-5865

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)

**Program ID:** 300-21-31-126

\* Updated information not provided.

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Risa B Mann, MD  
Robert E Miller, MD  
The Johns Hopkins Hospital  
Dept of Pathology  
600 N Wolfe St  
Baltimore, MD 21287-6417  
410 955-3439

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 7)

*Subspecialties:* BBK,NP,PIP

*Program ID:* 300-23-11-129

**University of Maryland Program**

University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Seena C Aisner, MD  
University of Maryland Medical System  
Dept of Pathology  
22 S Greene St  
Baltimore, MD 21201  
410 328-5655

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 2)

*Program ID:* 300-23-31-135

**Bethesda****National Institutes of Health Clinical Center Program\***

NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Lance A Liotta, MD PhD  
Elaine S Jaffe, MD  
National Institutes of Health Clinical Center  
Dept of Pathology NCI  
Bldg 10 Rm 2A33  
Bethesda, MD 20892  
301 496-3185

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 3)

*Program ID:* 300-23-12-015

**National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)

*Program Director:*

William D Wurzel, MD  
Laboratory Medicine Dept  
National Naval Medical Center  
Bethesda, MD 20889-5600  
301 295-1562

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* PCP

*Program ID:* 300-23-12-012

**Massachusetts****Boston****Beth Israel Hospital Program**

Beth Israel Hospital

*Program Director:*

Donald A Antonioli, MD  
Beth Israel Hospital  
330 Brookline Ave  
Boston, MA 02215-5491  
617 735-4343

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 5)

*Subspecialties:* HMPP,PCP

*Program ID:* 300-24-11-138

**Boston University Program\***

Boston City Hospital  
Boston University Medical Center-University Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*

Carl O'Hara, MD  
Mallory Institute of Pathology  
784 Massachusetts Ave  
Boston, MA 02118  
617 534-5309

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 5)

*Subspecialties:* PCP

*Program ID:* 300-24-21-139

**Brigham and Women's Hospital Program**

Brigham and Women's Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center

*Program Director:*

Ramzi S Cotran, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-7514

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 12)

*Subspecialties:* HMP,PCP

*Program ID:* 300-24-31-146

**Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*

E Tessa Hedley-Whyte, MD  
Massachusetts General Hospital  
Dept of Pathology  
14 Fruit St  
Boston, MA 02114-2696  
617 726-5154

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 4)

*Subspecialties:* BBK,PCP

*Program ID:* 300-24-31-143

**New England Deaconess Hospital Program**

New England Deaconess Hospital  
Lahey Clinic

*Program Director:*

Harvey Goldman, MD  
New England Deaconess Hospital  
185 Pilgrim Rd  
Boston, MA 02215  
617 632-9037

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 8)

*Subspecialties:* PCP

*Program ID:* 300-24-21-144

**New England Medical Center Hospitals Program\***

New England Medical Center Hospitals

*Program Director:*

Ronald A DeLellis, MD  
New England Medical Center  
Dept of Pathology  
750 Washington St/Box 802  
Boston, MA 02111  
617 956-5828

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

*Program ID:* 300-24-21-145

**Pittsfield****Berkshire Medical Center Program**

Berkshire Medical Center

*Program Director:*

Rebecca L Johnson, MD  
Berkshire Medical Center  
725 North St  
Pittsfield, MA 01201  
413 447-2565

*Length:* 4 Year(s) *Total Positions:* 2 (GYI: 2)

*Program ID:* 300-24-11-153

**Springfield****Baystate Medical Center Program**

Baystate Medical Center

*Program Director:*

Shirin V Nash, MD  
Baystate Medical Center  
Dept of Pathology  
759 Chestnut St  
Springfield, MA 01199  
413 784-5085

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 300-24-21-413

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
Medical Center of Central Massachusetts

*Program Director:*

Frank R Reale, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-6435

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 300-24-21-400

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Joseph C Fantone III, MD  
University of Michigan Hospitals  
1500 E Medical Center Dr  
2G 332/0054  
Ann Arbor, MI 48109-0054  
313 936-1888

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 7)

*Subspecialties:* NP,PCP

*Program ID:* 300-25-21-158

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Kenneth A Greenawald, MD PhD  
Henry Ford Hospital  
2799 W Grand Blvd  
Dept of Pathology  
Detroit, MI 48202  
313 876-3194

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 4)

*Subspecialties:* PCP

*Program ID:* 300-25-12-160

**St John Hospital and Medical Center Program**

St John Hospital and Medical Center

*Program Director:*

Bruce A Jones, MD  
St John Hospital and Medical Center  
Dept of Medical Education  
22101 Moross Rd  
Detroit, MI 48236  
313 343-3875

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 300-25-12-162

\* Updated information not provided.



**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Harper Hospital  
Hutzel Hospital

*Program Director:*  
Daniel Sheahan, MD

Wayne State University School of Medicine  
540 E Canfield  
Detroit, MI 48201  
313 745-5146

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 3)

*Subspecialties:* PCP

**Program ID:** 300-25-21-165

**Flint**

**Hurley Medical Center/Michigan State University Program**

Hurley Medical Center

*Program Director:*  
Willys F Mueller Jr, MD  
Hurley Medical Center  
One Hurley Plaza  
Flint, MI 48503-5993  
810 257-9131

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID:** 300-25-21-401

**Grand Rapids**

**Grand Rapids Area Medical Education Center/ Michigan State University Program**

Grand Rapids Area Medical Education Center  
Blodgett Memorial Medical Center  
Butterworth Hospital  
St Mary's Health Services

*Program Director:*

Robert H Knapp, MD  
Grand Rapids Area Medical Education Center  
240 Cherry St SE  
Grand Rapids, MI 49503  
616 732-6232

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID:** 300-25-21-168

**Royal Oak**

**William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Rebecca C Hankin, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-9060

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Subspecialties:* HMP,PCH,PCP

**Program ID:** 300-25-21-173

**Minnesota**

**Minneapolis**

**Hennepin County Medical Center Program**

Hennepin County Medical Center  
Abbott-Northwestern Hospital

*Program Director:*

John T Crosson, MD  
Hennepin County Medical Center  
701 Park Ave S  
Minneapolis, MN 55415  
612 347-3010

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 2)

*Subspecialties:* FOP

**Program ID:** 300-26-21-405

**University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Sue Bartow, MD  
University of Minnesota  
Box 198 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455-0385  
612 626-3176

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 8)

*Subspecialties:* HMP,PCP

**Program ID:** 300-26-31-178

**Rochester**

**Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Alvaro A Pineda, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-3989

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 5)

*Subspecialties:* MM,NP

**Program ID:** 300-26-21-179

**St Paul**

**St Paul-Ramsey Medical Center Program\***

St Paul-Ramsey Medical Center

*Program Director:*

Erhard Haus, MD PhD  
640 Jackson St  
St Paul, MN 55101  
612 221-8539

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 1)

**Program ID:** 300-26-21-180

**Mississippi**

**Jackson**

**University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Sherman Bloom, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4605  
601 984-1540

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 300-27-21-182

**Missouri**

**Columbia**

**University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

John F Townsend, MD  
University of Missouri Health Sciences Center  
One Hospital Dr  
M 263 Medical Science Bldg  
Columbia, MO 65212  
314 882-1201

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID:** 300-28-21-185

**Kansas City**

**University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital  
St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

Peter J Kragel, MD  
Truman Medical Center Dept of Pathology  
2301 Holmes St  
Kansas City, MO 64108  
816 556-3212

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID:** 300-28-21-408

**St Louis**

**St John's Mercy Medical Center Program**

St John's Mercy Medical Center

*Program Director:*

Frederick T Kraus, MD  
St John's Mercy Medical Center  
Dept of Pathology  
615 S New Ballas Rd  
St Louis, MO 63141-8221  
314 569-6243

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 1)

**Program ID:** 300-28-12-190

\* Updated information not provided.

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital  
St Mary's Health Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*  
Carole A Vogler, MD  
St Louis University School of Medicine  
Pathology Dept  
1402 S Grand Blvd  
St Louis, MO 63104  
314 577-5348

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
*Subspecialties:* MM,PCP  
**Program ID:** 300-28-21-192

**Washington University Program**

Barnes Hospital  
Jewish Hospital of St Louis

*Program Director:*  
Emil R Unanue, MD  
Joseph P Miletich, MD PhD  
Dept of Pathology  
660 S Euclid Ave  
Box 8118  
St Louis, MO 63110  
314 362-7440

*Length:* 4 Year(s) *Total Positions:* 45 (GYI: 12)  
*Subspecialties:* HMP  
**Program ID:** 300-28-11-193

**Nebraska****Omaha****Creighton University Program**

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*  
Leeana G Hauser, MD  
Dept of Pathology  
St Joseph Hospital  
601 N 30th St  
Omaha, NE 68131-2197  
402 449-4964

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 300-30-21-195

**University of Nebraska Program**

University of Nebraska Medical Center  
Bishop Clarkson Memorial Hospital

*Program Director:*  
James L Wisecarver, MD PhD  
University of Nebraska Hospital and Clinics  
600 S 42nd St  
Omaha, NE 68198-3135  
402 559-4618

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)  
**Program ID:** 300-30-21-197

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*  
James P AuBuchon, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-8623

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 5)  
**Program ID:** 300-32-21-198

**New Jersey****Long Branch****Monmouth Medical Center Program**

Monmouth Medical Center

*Program Director:*  
Louis J Zinterhofer, MD  
Monmouth Medical Center  
300 Second Ave  
Long Branch, NJ 07740-9998  
908 870-5030

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 300-33-11-207

**Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Newark Beth Israel Medical Center  
St Barnabas Medical Center  
UMDNJ-University Hospital

*Program Director:*  
Kenneth M Klein, MD  
UMDNJ-New Jersey Medical School  
Dept of Lab Medicine & Pathology  
185 S Orange Ave  
Newark, NJ 07103-2714  
201 982-4716

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
**Program ID:** 300-33-21-381

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Children's Hospital of Philadelphia  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*  
Peter S Amenta, MD PhD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Pathology MEB 224  
New Brunswick, NJ 08903-0019  
908 235-7641

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
*Subspecialties:* PIP  
**Program ID:** 300-33-21-215

**New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*  
Patricia J McPeeley, MD  
James C McLaughlin, PhD  
Office of Medical Investigator  
University of New Mexico  
School of Medicine  
Albuquerque, NM 87131-5091  
505 277-3053

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Subspecialties:* BBK  
**Program ID:** 300-34-21-218

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*  
Jeffrey S Ross, MD  
Albany Medical Center Hospital A-81  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 262-5937

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
*Subspecialties:* HMP  
**Program ID:** 300-35-21-219

**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*  
Anna S Kadish, MD  
Albert Einstein College of Medicine  
Pathology Dept U421  
1300 Morris Park Ave  
Bronx, NY 10461  
718 430-2177

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 8)  
*Subspecialties:* NP  
**Program ID:** 300-35-21-230

**Bronx-Lebanon Hospital Center Program**

Bronx-Lebanon Hospital Center

*Program Director:*  
Young J Choi, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 518-5147

*Length:* 4 Year(s) (GYI: 0)  
**Program ID:** 300-35-12-233

\* Updated information not provided.

## Brooklyn

### Brooklyn Hospital Center Program

Brooklyn Hospital Center  
Lutheran Medical Center  
Wyckoff Heights Medical Center

*Program Director:*

Robert D Kalter, MD  
The Brooklyn Hospital Center  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 250-8207

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 300-35-11-235

### Long Island College Hospital Program

Long Island College Hospital  
New York Methodist Hospital

*Program Director:*

John K Li, MD  
Long Island College Hospital  
Dept of Pathology  
340 Henry St  
Brooklyn, NY 11201-5525  
718 780-1005

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 0)

*Program ID:* 300-35-12-244

### Maimonides Medical Center Program

Maimonides Medical Center

*Program Director:*

Charles T Ladoulis, MD  
Maimonides Medical Center  
4802 10th Ave  
Brooklyn, NY 11219  
718 283-7281

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 4)

*Program ID:* 300-35-11-246

### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn

*Program Director:*

Anthony D Nicastrì, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave  
Brooklyn, NY 11203  
718 270-1669

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 3)

*Subspecialties:* NP

*Program ID:* 300-35-21-260

## Buffalo

### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium

Buffalo General Hospital  
Erie County Medical Center  
Roswell Park Cancer Institute  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Reid R Heffner, MD  
Dept of Pathology  
SUNY at Buffalo  
204 Farber Hall  
Buffalo, NY 14214  
716 829-3090

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 4)

*Subspecialties:* NP

*Program ID:* 300-35-21-224

## East Meadow

### Nassau County Medical Center Program

Nassau County Medical Center

*Program Director:*

Richard J Stenger, MD  
Nassau County Medical Center  
Dept of Pathology & Laboratories  
2201 Hempstead Trnkp  
East Meadow, NY 11554-1854  
516 572-3201

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Subspecialties:* FOP

*Program ID:* 300-35-21-225

## Flushing

### New York Hospital Medical Center of Queens Program\*

New York Hospital Medical Center of Queens  
Cornell University Medical College

*Program Director:*

John T Ellis, MD  
Moises S Malowany, MD  
The New York Hospital Medical Center of Queens  
56-45 Main St  
Flushing, NY 11355  
718 670-1374

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 0)

*Program ID:* 300-35-11-232

## Manhasset

### North Shore University Hospital Program

North Shore University Hospital

*Program Director:*

John D Broome, MD  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030  
516 562-4180

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 1)

*Program ID:* 300-35-11-228

## Mineola

### Winthrop-University Hospital Program

Winthrop-University Hospital

*Program Director:*

Stanley Lipper, MD  
Winthrop-University Hospital  
259 First St  
Mineola, NY 11501  
516 663-2450

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 300-35-12-229

## New Hyde Park

### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Flushing Hospital Medical Center

*Program Director:*

Leonard B Kahn, MD  
Long Island Jewish Medical Center  
Dept of Pathology  
New Hyde Park, NY 11040-1433  
718 470-7491

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 300-35-21-245

## New York

### Albert Einstein College of Medicine at Beth Israel Medical Center Program\*

Beth Israel Medical Center

*Program Director:*

Carl Teplitz, MD  
Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003  
212 420-4030

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)

*Subspecialties:* HMP

*Program ID:* 300-35-11-231

### Harlem Hospital Center Program

Harlem Hospital Center

*Program Director:*

Carlos Navarro, MD  
MLK Pavilion 8th Fl Rm 8115  
506 Lenox Ave & 135th St  
New York, NY 10037  
212 939-3630

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 300-35-11-239

### Lenox Hill Hospital Program

Lenox Hill Hospital

*Program Director:*

Harry L Ioachim, MD  
Department of Pathology  
Lenox Hill Hospital  
100 E 77th St  
New York, NY 10021-1883  
212 434-2330

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)

*Program ID:* 300-35-11-243

### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Queens Hospital Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*

James A Strauchen, MD  
Mount Sinai Medical Center  
One Gustave L Levy Pl  
Box 1194  
New York, NY 10029-6574  
212 241-8014

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 9)

*Subspecialties:* NP,PCP

*Program ID:* 300-35-21-251

### New York Hospital/Cornell Medical Center Program

New York Hospital

*Program Director:*

Daniel M Knowles, MD  
The New York Hosp/Cornell Med Ctr  
Dept of Pathology/Rm C-208  
525 E 68th St  
New York, NY 10021  
212 746-6464

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 4)

*Subspecialties:* PCP

*Program ID:* 300-35-11-253

\* Updated information not provided.

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

**Program Director:**

Gloria Gallo, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-5472

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 5)

*Subspecialties:* PIP

**Program ID: 300-35-21-255**

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

**Program Director:**

Heidrun Rotterdam, MD  
Presbyterian Hospital in The City of New York  
Dept of Pathology  
630 W 168th St VC 14-289  
New York, NY 10032  
212 305-5697

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)

*Subspecialties:* NP

**Program ID: 300-35-11-237**

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

**Program Director:**

Stephen F Ryan, MD  
St Luke's-Roosevelt Hospital Center  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-5794

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID: 300-35-21-398**

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

**Program Director:**

James M Powers, MD  
Strong Memorial Hospital Dept of Pathology and Lab  
Medicine  
Dept of Pathology & Lab Medicine  
601 Elmwood Ave PO Box 626  
Rochester, NY 14642  
716 275-3184

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 7)

*Subspecialties:* FOP,NP,PCP

**Program ID: 300-35-21-263**

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

**Program Director:**

Bernard P Lane, MD  
SUNY at Stony Brook Health Science Center  
Dept of Pathology  
University Hospital  
Stony Brook, NY 11794-7025  
516 444-2224

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)

**Program ID: 300-35-21-396**

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at  
Syracuse  
Community-General Hospital of Greater Syracuse  
Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

**Program Director:**

George H Collins, MD  
SUNY Health School Center at Syracuse  
Dept of Pathology  
750 E Adams St  
Syracuse, NY 13210  
315 464-5739

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Subspecialties:* HMP,PCP

**Program ID: 300-35-21-265**

**Valhalla****New York Medical College (Metropolitan) Program**

New York Medical College  
Metropolitan Hospital Center  
Lincoln Medical and Mental Health Center

**Program Director:**

Victor Tshertkoff, MD  
Metropolitan Hospital Center  
1901 First Ave  
New York, NY 10029  
212 423-7795

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID: 300-35-21-254**

**New York Medical College at St Vincent's Hospital and Medical Center Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

**Program Director:**

John F Gillooley, MD  
St Vincent's Hospital and Medical Center of New York  
153 W 11th St  
New York, NY 10011  
212 604-8384

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 300-35-21-259**

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Westchester County Medical Center

**Program Director:**

Myron R Melamed, MD  
New York Medical College  
Dept of Pathology  
Basic Sci Bldg Rm 411  
Valhalla, NY 10595  
914 993-4150

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 3)

*Subspecialties:* PCP

**Program ID: 300-35-11-266**

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

**Program Director:**

Thomas W Bouldin, MD  
University of North Carolina School of Medicine  
Dept of Pathology  
Brinkhous-Bullitt Bldg CB #7525  
Chapel Hill, NC 27599-7525  
919 966-4676

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* FOP,HMP,MM,PCH,PCP,PIP

**Program ID: 300-36-11-267**

**Durham****Duke University Program**

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

**Program Director:**

William D Bradford, MD  
Duke University Medical Center Dept of Pathology  
Box 3712  
Durham, NC 27710  
919 684-5112

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 6)

*Subspecialties:* MM,PCP

**Program ID: 300-36-21-269**

**Greenville****East Carolina University Program**

East Carolina University School of Medicine  
Pitt County Memorial Hospital

**Program Director:**

H Thomas Norris, MD  
Pitt County Memorial Hospital  
PO Box 6028  
2100 Stantonsburg Rd  
Greenville, NC 27835  
919 816-4951

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)

*Subspecialties:* PCP

**Program ID: 300-36-21-404**

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

**Program Director:**

Robert W Prichard, MD  
Bowman Gray School of Medicine  
Dept of Pathology  
Medical Center Blvd  
Winston-Salem, NC 27157-1072  
910 716-2649

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)

**Program ID: 300-36-11-270**

\* Updated information not provided.

## Ohio

### Akron

#### Akron City Hospital (Summa Health System)/NEOUCOM Program

Akron City Hospital (Summa Health System)  
Children's Hospital Medical Center of Akron

*Program Director:*  
Raymond E Clarke, MD

Akron City Hospital  
Dept of Pathology  
525 E Market St  
Akron, OH 44309  
216 375-3665

*Length:* 4 Year(s) *Total Positions:* 3 (GYI: 2)

*Subspecialties:* PCP

*Program ID:* 300-38-11-272

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Cecilia M Fenoglio-Preiser, MD  
University of Cincinnati Medical Center  
Dept of Pathology  
PO Box 670529 231 Bethesda Ave  
Cincinnati, OH 45267-0529  
513 558-7113

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)

*Subspecialties:* HMP,PCP

*Program ID:* 300-38-21-276

### Cleveland

#### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center

*Program Director:*

Jerome Kleinerman, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-5181

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

*Subspecialties:* HMP,PCP

*Program ID:* 300-38-11-279

#### Case Western Reserve University Program\*

University Hospitals of Cleveland

*Program Director:*

Michael E Lamm, MD  
University Hospitals of Cleveland  
2074 Abington Rd  
Cleveland, OH 44106  
216 844-7022

*Length:* 4 Year(s)

*Subspecialties:* BBK,HMP

*Program ID:* 300-38-21-277

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Robert E Petras, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Pathology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 6)

*Subspecialties:* MM

*Program ID:* 300-38-12-278

#### Mount Sinai Medical Center of Cleveland Program\*

Mount Sinai Medical Center of Cleveland

*Program Director:*

Richard Lash, MD  
Mt Sinai Medical Center of Cleveland  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
216 421-4400

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 3)

*Program ID:* 300-38-11-280

### Columbus

#### Ohio State University Program

Ohio State University Medical Center

*Program Director:*

Daniel D Sedmak, MD  
Ohio State University  
139 Hamilton Hall  
1645 Neil Ave  
Columbus, OH 43210  
614 292-4692

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 3)

*Subspecialties:* BBK,HMP

*Program ID:* 300-38-21-286

### Dayton (Kettering)

#### Wright State University Program

Kettering Medical Center

*Program Director:*

Paul G Koles, MD  
Kettering Medical Center  
3535 Southern Blvd  
Kettering, OH 45429-1298  
513 296-7849

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 300-38-11-288

### Toledo

#### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
Mercy Hospital of Toledo

*Program Director:*

Peter J Goldblatt, MD  
Medical College of Ohio Dept of Pathology  
PO Box 10008  
3000 Arlington Ave  
Toledo, OH 43699-0008  
419 381-3476

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 3)

*Program ID:* 300-38-11-290

### Youngstown

#### Western Reserve Care System/NEOUCOM Program

Western Reserve Care System  
Northside Medical Center  
Southside Medical Center

*Program Director:*

Ludwig M Deppisch, MD  
Western Reserve Care System  
Dept of Laboratories  
500 Gypsy Ln  
Youngstown, OH 44501  
216 740-3815

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 300-38-11-292

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

Baptist Medical Center of Oklahoma  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Barbara L Bane, MD  
University of Oklahoma Health Sciences Center  
Dept of Pathology  
PO Box 26901 (BMSB 451)  
Oklahoma City, OK 73190  
405 271-2422

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 4)

*Subspecialties:* NP

*Program ID:* 300-39-21-295

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Good Samaritan Hospital and Medical Center  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Waldemar A Schmidt, MD  
Margaret E Berroth, MD  
Oregon Health Sciences University  
3181 SW Sam Jackson Park Rd L113  
Portland, OR 97201-3098  
503 494-8276

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 3)

*Program ID:* 300-40-11-302

#### St Vincent Hospital and Medical Center Program

St Vincent Hospital and Medical Center

*Program Director:*

Randal Juengel, MD  
St Vincent Hospital  
Dept of Pathology  
9205 SW Barnes Rd  
Portland, OR 97225  
503 291-2301

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 2)

*Program ID:* 300-40-12-301

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

Steven C Meschter, MD  
Geisinger Medical Center  
N Academy Ave  
Danville, PA 17822  
717 271-6338

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 2)

*Program ID:* 300-41-12-306

\* Updated information not provided.

**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Richard J Zaino, MD

500 University Dr

PO Box 850

Hershey, PA 17033

717 531-8351

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 2)*Program ID:* 300-41-11-308**Johnstown****Conemaugh Valley Memorial Hospital Program**

Conemaugh Valley Memorial Hospital

Temple University Hospital

*Program Director:*

Sidney A Goldblatt, MD

Conemaugh Hospital

1086 Franklin St

Johnstown, PA 15905-4398

814 533-9817

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)*Program ID:* 300-41-21-397**Philadelphia****MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital

Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

James M England, MD PhD

Medical College of Pennsylvania

Dept of Pathology

3300 Henry Ave

Philadelphia, PA 19129

215 842-7074

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 3)*Subspecialties:* PCP*Program ID:* 300-41-21-316**Pennsylvania Hospital Program**

Pennsylvania Hospital

*Program Director:*

Helen M Haupt, MD

Pennsylvania Hospital

Ayer Laboratories

8th &amp; Spruce Sts

Philadelphia, PA 19107

215 829-3544

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)*Program ID:* 300-41-11-318**Temple University Program**

Temple University Hospital

*Program Director:*

James G Caya, MD

Temple University Hospital

Dept of Pathology &amp; Lab Medicine

3401 N Broad St

Philadelphia, PA 19140

215 707-4994

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)*Program ID:* 300-41-11-321**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Robert O Petersen, MD PhD

Thomas Jefferson University Hospital

Dept of Pathology

204 Pavilion 125 S 11th St

Philadelphia, PA 19107

215 955-6374

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 4)*Subspecialties:* BBK,PCP*Program ID:* 300-41-11-322**University of Pennsylvania Program**

Hospital of the University of Pennsylvania

*Program Director:*

James E Wheeler, MD

Hospital of the University of Pennsylvania

Dept of Pathology

3400 Spruce St

Philadelphia, PA 19104-4283

215 662-6506

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 9)*Subspecialties:* BBK,PCP*Program ID:* 300-41-21-314**Pittsburgh****MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital

*Program Director:*

Robert J Hartsock, MD

Dept of Pathology

Allegheny General Hospital

320 E North Ave

Pittsburgh, PA 15212-9986

412 359-4914

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 2)*Subspecialties:* HMP*Program ID:* 300-41-12-323**Shadyside Hospital Program**

Shadyside Hospital

*Program Director:*

William I Smith Jr, MD

Shadyside Hospital

Dept of Pathology

5230 Centre Ave

Pittsburgh, PA 15232

412 623-2861

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 2)*Program ID:* 300-41-11-326**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh

Children's Hospital of Pittsburgh

Magee-Womens Hospital

Montefiore University Hospital (UPMC)

Presbyterian-University Hospital/UPMC

Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Samuel A Yousem, MD

UPMC-MUH NW623

Dept of Pathology

200 Lothrop St

Pittsburgh, PA 15213-2582

412 648-6873

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 5)*Subspecialties:* PCP*Program ID:* 300-41-21-324**Wynnewood****Lankenau Hospital Program**

Lankenau Hospital

*Program Director:*

Gary S Daum, MD

Lankenau Hospital

100 Lancaster Ave

Wynnewood, PA 19096

610 645-2615

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)*Subspecialties:* PCP*Program ID:* 300-41-12-315**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine

San Juan City Hospital

University Hospital

Veterans Affairs Medical Center (San Juan)

*Program Director:*

Roman Velez Rosario, MD

University of Puerto Rico School of Medicine

GPO Box 5067

San Juan, PR 00936

809 758-2525

*Length:* 4 Year(s)*Program ID:* 300-42-21-385**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital

Memorial Hospital of Rhode Island

Miriam Hospital

Roger Williams Medical Center

Women and Infants Hospital of Rhode Island

*Program Director:*

Don B Singer, MD

Rhode Island Hospital

593 Eddy St

Providence, RI 02903

401 444-5151

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)*Program ID:* 300-43-21-414**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine

MUSC Medical Center

Veterans Affairs Medical Center (Charleston)

*Program Director:*

A Julian Garvin, MD PhD

Medical University of South Carolina Pathology/Lab

Medicine

171 Ashley Ave

Charleston, SC 29425-0701

803 792-3121

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 4)*Subspecialties:* PCP*Program ID:* 300-45-21-332

\* Updated information not provided.

## South Dakota

### Sioux Falls

#### University of South Dakota Program

University of South Dakota School of Medicine  
Royal C Johnson Veterans Affairs Medical Center  
Sioux Valley Hospital

*Program Director:*

Karl G Peterson, MD

PO Box 5017

Sioux Falls, SD 57117-5017

605 339-1212

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 2)

*Program ID:* 300-46-21-333

## Tennessee

### Johnson City

#### East Tennessee State University Program

James H Quillen College of Medicine  
Johnson City Medical Center Hospital  
Veterans Affairs Medical Center (Mountain Home)

*Program Director:*

Philip S Coogan, MD

East Tennessee State University College of Medicine

Dept of Pathology

PO Box 70568

Johnson City, TN 37614-0568

615 929-6210

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 1)

*Program ID:* 300-47-21-399

### Knoxville

#### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

Frances K Patterson, MD

The University of Tennessee

Graduate Sch of Medicine

1924 Alcoa Hwy

Knoxville, TN 37920

615 544-9080

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 300-47-11-335

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Thomas M Chesney, MD

Dept of Pathology

University of Tennessee Memphis

899 Madison Ave

Memphis, TN 38146

901 448-6344

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 5)

*Subspecialties:* FOP

*Program ID:* 300-47-12-336

## Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
St Thomas Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Joyce E Johnson, MD

Vanderbilt University Hospital

Dept of Pathology C-3321 MCN

1161 21st Ave S

Nashville, TN 37232-5310

615 343-0963

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 6)

*Subspecialties:* BBK

*Program ID:* 300-47-21-341

## Texas

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center

*Program Director:*

Glenn W Tillery, MD

Dept of Pathology

3500 Gaston Ave

Dallas, TX 75246

214 820-3021

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 2)

*Program ID:* 300-48-12-343

#### University of Texas Southwestern Medical School Program\*

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

Arthur G Weinberg, MD

Dept of Pathology

5323 Harry Hines Blvd

Dallas, TX 75235-9072

214 640-2324

*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 8)

*Subspecialties:* NP

*Program ID:* 300-48-11-345

### El Paso

#### William Beaumont Army Medical Center Program

William Beaumont Army Medical Center

*Program Director:*

Col Mohammad A Nadjem, MD

William Beaumont Army Medical Center

Dept of Pathology

El Paso, TX 79920-5001

915 569-2505

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 300-48-12-007

## Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

Hansa B Raval, MD

Brooke Army Medical Center Pathology Residency Program

Attn: Col Rabal Program Director

1956 Stanley Road Bldg 2376

Fort Sam Houston, TX 78234-6296

210 916-9419

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 0)

*Subspecialties:* PCP

*Program ID:* 300-48-12-008

## Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Benjamin B Gelman, MD PhD

University of Texas Medical Branch at Galveston

Dept of Pathology

G.103 Pathology Bldg

Galveston, TX 77555-0609

409 772-2870

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 5)

*Program ID:* 300-48-11-349

## Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Mary R Schwartz, MD

Baylor College of Medicine

One Baylor Plaza

Houston, TX 77030

713 798-4661

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 6)

*Subspecialties:* BBK,HMP,PCP

*Program ID:* 300-48-31-350

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital

*Program Director:*

Margaret O Uthman, MD

Texas Medical Center

6431 Fannin 2.120

Houston, TX 77030

713 792-8303

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 5)

*Program ID:* 300-48-11-352

## Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Dennis M Drehner, DO

Wilford Hall Medical Center

Dept of Pathology (PSL)

2200 Bergquist Dr Ste 1

San Antonio, TX 78236-5300

210 670-7741

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)

*Subspecialties:* PCP

*Program ID:* 300-48-31-001

\* Updated information not provided.

**Lubbock****Texas Tech University (Lubbock) Program\***

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*  
Dale M Dunn, MD  
Dept of Pathology  
University Medical Center  
602 Indiana Ave  
Lubbock, TX 79430  
806 743-2142

*Length:* 4 Year(s)  
*Program ID:* 300-48-31-415

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

Baptist Memorial Hospital System  
University Hospital-South Texas Medical Center

*Program Director:*  
Philip T Valente, MD  
University of Texas Health Science Center  
Dept of Pathology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7750  
210 567-4000

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 2)  
*Subspecialties:* HMP,PCP  
*Program ID:* 300-48-21-356

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital  
Olin E Teague Veterans Center

*Program Director:*  
Robert S Beissner, MD PhD  
Texas A&M College of Medicine-Scott and White  
Graduate Med Educ  
2401 S 31st St  
Temple, TX 76508  
800 299-4463

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
*Subspecialties:* HMP  
*Program ID:* 300-48-12-357

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
HCA St Mark's Hospital  
LDS Hospital  
Primary Children's Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*  
Edward R Ashwood, MD  
University of Utah School of Medicine  
ARUP - 500 Chipeta Way  
Salt Lake City, UT 84108  
801 583-2787

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
*Subspecialties:* PIP  
*Program ID:* 300-49-21-360

**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont

*Program Director:*  
Bruce R MacPherson, MD  
University of Vermont College of Medicine  
Soule Med Alumni Bldg  
Dept of Pathology  
Burlington, VT 05405-0068  
802 656-3680

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 5)  
*Program ID:* 300-50-11-361

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*  
Thomas W Tillack, MD  
University of Virginia  
Box 214 Dept of Pathology  
Charlottesville, VA 22908  
804 924-1946

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
*Subspecialties:* NP  
*Program ID:* 300-51-11-362

**Falls Church****Fairfax Hospital Program**

Fairfax Hospital  
American Medical Laboratories

*Program Director:*  
C Barrie Cook, MD  
Fairfax Hospital  
3300 Gallows Rd  
Falls Church, VA 22046  
703 698-2640

*Length:* 4 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 300-51-12-364

**Norfolk****Eastern Virginia Graduate School of Medicine Program**

Eastern Virginia Graduate School of Medicine  
Children's Hospital of the King's Daughters  
Sentara Norfolk General Hospital  
Veterans Affairs Medical Center (Hampton)

*Program Director:*  
Richard P Moriarty, MD  
Department of Pathology  
Eastern Virginia Grad Schl of Med  
PO Box 1980  
Norfolk, VA 23501  
804 446-5620

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 1)  
*Program ID:* 300-51-21-365

**Portsmouth****Naval Medical Center (Portsmouth) Program**

Naval Medical Center (Portsmouth)

*Program Director:*  
William B Ross, MD  
Naval Medical Center  
Laboratory Medicine Dept  
620 John Paul Jones Circle  
Portsmouth, VA 23708-5100  
804 398-5591

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 300-51-21-013

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University

Medical College of Virginia Hospitals

*Program Director:*  
Margaret M Grimes, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980662  
Richmond, VA 23298-0662  
804 786-9738

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)  
*Subspecialties:* NP,PCP  
*Program ID:* 300-51-11-366

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
Providence Medical Center  
Swedish Medical Center-Seattle  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*  
Lawrence D True, MD  
University of Washington School of Medicine  
Div of Hospital Pathology RC-72  
1959 NE Pacific St  
Seattle, WA 98195  
206 548-4027

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 7)  
*Program ID:* 300-54-21-367

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center

*Program Director:*  
James L Kelley, MD  
Madigan Army Medical Center  
Attn: HSHJ-H (Dept of Pathology)  
Tacoma, WA 98431-5000  
206 968-1915

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 300-54-12-009

\* Updated information not provided.



## West Virginia

### Huntington

#### Marshall University School of Medicine Program

Marshall University School of Medicine  
Cabell Huntington Hospital  
Charleston Area Medical Center  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*

Ernest M Walker, MD PhD  
Marshall University School of Medicine  
Dept of Pathology  
1542 Spring Valley Dr  
Huntington, WV 25704-9388  
304 696-7346

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)

*Program ID:* 300-55-21-372

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

Mary Ann Sens, MD PhD  
West Virginia University Hospital  
Dept of Pathology  
PO Box 9203  
Morgantown, WV 26506-9203  
304 293-3212

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Subspecialties:* NP

*Program ID:* 300-55-11-373

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
Meriter Hospital  
William S Middleton Veterans Hospital

*Program Director:*

John Weiss, MD PhD  
University of Wisconsin Hospital and Clinics  
E5/324 Clinical Sci Ctr  
600 Highland Ave  
Madison, WI 53792-3224  
608 263-8898

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

*Subspecialties:* BBK,PCP

*Program ID:* 300-56-31-376

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*

Richard A Komorowski, MD  
John L. Doyne Hospital  
Dept of Pathology  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 257-6201

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)

*Program ID:* 300-56-21-377

### St Luke's Medical Center Program

St Luke's Medical Center

*Program Director:*

Wilhelm G Doos, MD  
Charles Bockoff, MD  
Dept of Laboratory Medicine  
2900 W Oklahoma Ave  
PO Box 2901  
Milwaukee, WI 53201-2901  
414 649-7333

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 3)

*Program ID:* 300-56-12-380

## Pediatrics

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama

*Program Director:*

Sergio Stagno, MD  
Children's Hospital of Alabama  
1600 Seventh Ave S  
Ste 604-ACC  
Birmingham, AL 35233-1711

*Length:* 3 Year(s) *Total Positions:* 47 (GYI: 15)

*Subspecialties:* CCP,NPM,PDP,PG,PHO

*Program ID:* 320-01-21-017

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Franklin Trimm, MD  
University of South Alabama  
1504 Spring Hill Ave  
PO Drawer 40130  
Mobile, AL 36640-0130  
205 434-3961

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Subspecialties:* PHO

*Program ID:* 320-01-21-019

## Arizona

### Phoenix

#### Phoenix Hospitals Program

Phoenix Children's Hospital  
Maricopa Medical Center

*Program Director:*

Melvin L Cohen, MD  
Phoenix Children's Hospital  
Medical Education Dept  
909 E Brill St  
Phoenix, AZ 85006-2514  
602 239-5880

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 13)

*Program ID:* 320-03-32-020

#### St Joseph's Hospital and Medical Center Program

St Joseph's Hospital and Medical Center

*Program Director:*

John Olsson, MD  
St Joseph's Hospital and Medical Center  
Children's Hlth Ctr  
PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-3122

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 320-03-21-371

\* Updated information not provided.

**Tucson****University of Arizona Program**

University of Arizona College of Medicine  
Tucson Medical Center  
University Medical Center

*Program Director:*

Leslie L Barton, MD  
The University of Arizona Health Sciences Center  
Dept of Pediatrics  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7944

*Length:* 3 Year(s) *Total Positions:* 38 (GYI: 12)

*Subspecialties:* CCP,NPM,PDP

**Program ID:** 320-03-21-021

**Arkansas****Little Rock****University of Arkansas for Medical Sciences Program**

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
University Hospital of Arkansas

*Program Director:*

Chris E Smith, MD  
Dept of Pediatrics  
800 Marshall St  
Little Rock, AR 72202-3591  
501 320-1875

*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 16)

*Subspecialties:* CCP,NPM,PDE,PG

**Program ID:** 320-04-21-022

**California****Fresno****University of California (San Francisco)/Fresno Program**

UCSF-Fresno Medical Education Program  
Valley Children's Hospital  
Valley Medical Center of Fresno

*Program Director:*

Bjorn W Nilson, MD  
Valley Medical Center of Fresno  
Dept of Pediatrics  
445 S Cedar Ave  
Fresno, CA 93702  
209 453-5751

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

**Program ID:** 320-05-11-024

**Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Riverside General Hospital-University Medical Center

*Program Director:*

Richard E Chinnock, MD  
Loma Linda University Medical Center  
11234 Anderson St Rm 106 WH  
PO Box 2000  
Loma Linda, CA 92354  
909 824-4174

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 20)

*Subspecialties:* CCP,NPM,PN

**Program ID:** 320-05-11-026

**Los Angeles****Cedars-Sinai Medical Center Program**

Cedars-Sinai Medical Center

*Program Director:*

Lee Todd Miller, MD  
Cedars Sinai Medical Center  
Dept of Pediatrics Rm 4310  
8700 Beverly Blvd  
Los Angeles, CA 90048-0750  
310 855-4467

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

*Subspecialties:* NPM,PN

**Program ID:** 320-05-31-027

**Charles R Drew University Program**

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*

Glenda Lindsey, MD  
Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
310 668-4649

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 12)

**Program ID:** 320-05-11-031

**Childrens Hospital of Los Angeles Program\***

Childrens Hospital of Los Angeles

*Program Director:*

Eyal Ben-Issac, MD  
Childrens Hospital of Los Angeles  
4650 Sunset Blvd  
Mailstop #68  
Los Angeles, CA 90027  
213 669-2123

*Length:* 3 Year(s) *Total Positions:* 81 (GYI: 28)

*Subspecialties:* CCP,NPM,PDC,PDE,PDR,PHO,PN

**Program ID:** 320-05-11-028

**UCLA Medical Center Program**

UCLA School of Medicine  
LAC-Olive View Medical Center  
UCLA Medical Center

*Program Director:*

Stuart Slavin, MD  
University of California Los Angeles School of Medicine  
Dept of Pediatrics  
10833 Le Conte Ave  
Los Angeles, CA 90024-1752  
310 794-2169

*Length:* 3 Year(s) *Total Positions:* 57 (GYI: 19)

*Subspecialties:* CCP,NPM,PDC,PDE,PHO,PN

**Program ID:** 320-05-21-032

**University of Southern California Program**

Los Angeles County-USC Medical Center

*Program Director:*

Lawrence M Opas, MD  
Los Angeles County University of Southern California  
Med Ctr  
Women's & Children's Hospital  
1240 N Mission Rd Rm L-916  
Los Angeles, CA 90033-1084  
213 226-3691

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)

*Subspecialties:* NPM,PHO

**Program ID:** 320-05-11-030

**White Memorial Medical Center Program**

White Memorial Medical Center

*Program Director:*

Anthony T Hirsch, MD  
White Memorial Medical Center  
1720 Cesar E Chavez Ave  
Los Angeles, CA 90033  
213 263-9866

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID:** 320-05-11-033

**Oakland****Children's Hospital Medical Center of Northern California Program**

Children's Hospital Medical Center of Northern California

*Program Director:*

Lynn Kutsche, MD  
Children's Hospital Oakland  
747 52nd St  
Oakland, CA 94609  
510 428-3786

*Length:* 3 Year(s) *Total Positions:* 68 (GYI: 24)

*Subspecialties:* PHO

**Program ID:** 320-05-31-034

**Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Permanente Medical Center (Oakland)

*Program Director:*

Frederick T F Shum, MD  
Kaiser Permanente Medical Center  
Dept of Pediatrics  
280 W MacArthur Blvd  
Oakland, CA 94611-5693  
510 596-6126

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID:** 320-05-12-035

**Kaiser Permanente Medical Group (Northern California) Program**

Kaiser Permanente Medical Group (Northern California)  
Kaiser Foundation Hospital (San Francisco)  
Kaiser Permanente Medical Center (Oakland)

*Program Director:*

Thomas P Mohr, MD  
Dept of Pediatrics  
2200 O'Farrell St  
San Francisco, CA 94115  
415 202-3596

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 3)

**Program ID:** 320-05-12-038

**Orange****Children's Hospital of Orange County Program\***

Children's Hospital of Orange County  
St Joseph Hospital

*Program Director:*

David J Lang, MD  
Children's Hospital of Orange County  
Dept of Pediatrics  
455 S Main St  
Orange, CA 92668  
714 532-8338

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 8)

*Subspecialties:* PHO

**Program ID:** 320-05-21-386

**University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Children's Hospital of Orange County  
Long Beach Memorial Medical Center

*Program Director:*

Jennifer Johnson, MD  
University of California Irvine Medical Center  
Dept of Pediatrics 4482  
PO Box 14091 Bldg 27 Rt 81  
Orange, CA 92613-1491  
714 466-6155

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 18)

*Subspecialties:* NPM,PDP

**Program ID:** 320-05-21-025

\* Updated information not provided.

## Pasadena

### Southern California Kaiser Permanente Medical Care (Los Angeles) Program

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Steven D Woods, MD  
Kaiser Permanente Medical Center  
393 E Walnut St  
Pasadena, CA 91188-8013  
800 541-7946

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 320-05-12-029

## Sacramento

### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

Barbara Botelho, MD  
University of California Davis Medical Center  
Dept of Pediatrics  
2516 Stockton Blvd  
Sacramento, CA 95817  
916 734-3665

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)

*Subspecialties:* NPM,PHO

*Program ID:* 320-05-11-023

## San Diego

### Naval Medical Center (San Diego) Program\*

Naval Medical Center (San Diego)

*Program Director:*

Capt W M Heroman, MD  
Naval Medical Center  
Dept of Pediatrics  
San Diego, CA 92134-5000  
619 532-6854

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 9)

*Program ID:* 320-05-11-012

### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Children's Hospital and Health Center

*Program Director:*

Richard E Besser, MD  
University of California San Diego Medical Center 8454  
Dept of Pediatrics  
200 W Arbor Dr, 8454  
San Diego, CA 92103-8454  
619 543-5881

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 14)

*Subspecialties:* CCP,NPM,PDC,PDE,PN

*Program ID:* 320-05-31-036

## San Francisco

### California Pacific Medical Center Program

California Pacific Medical Center  
California Pacific Medical Center (California Campus)  
California Pacific Medical Center (Pacific Campus)

*Program Director:*

David Tejeda, MD  
California Pacific Medical Center  
PO Box 7999  
San Francisco, CA 94115  
415 923-3441

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 5)

*Subspecialties:* NPM

*Program ID:* 320-05-11-037

## University of California (San Francisco) Program

University of California (San Francisco) School of Medicine  
Mount Zion Medical Center of the University of California  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center

*Program Director:*

Robert Kamei, MD  
University of California (San Francisco)  
Dept of Pediatrics  
505 Parnassus Ave M691  
San Francisco, CA 94143-0110  
415 476-5001

*Length:* 3 Year(s) *Total Positions:* 76 (GYI: 27)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-05-21-040

## Stanford

### Stanford University Program\*

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford  
Santa Clara Valley Medical Center

*Program Director:*

Theodore C Sectish, MD  
Stanford University Medical Center  
Dept of Pediatrics  
Stanford, CA 94305-5119  
415 723-6134

*Length:* 3 Year(s) *Total Positions:* 59 (GYI: 19)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-05-21-041

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Carol D Berkowitz, MD  
1000 W Carson St  
Box 437  
Torrance, CA 90509-2910  
310 222-3091

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Subspecialties:* CCP,NPM,PDE

*Program ID:* 320-05-11-042

## Travis AFB

### David Grant USAF Medical Center Program

David Grant Medical Center

*Program Director:*

Richard L Friederich, MD  
David Grant USAF Medical Center Dept of Pediatrics  
Travis AFB, CA 94535-1800  
707 423-7176

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)

*Subspecialties:* PD

*Program ID:* 320-05-11-001

## Colorado

## Denver

### University of Colorado Program

University of Colorado Health Sciences Center  
Children's Hospital  
Denver Health and Hospitals

*Program Director:*

Mary P Glode, MD  
UCHSC/TCH  
1056 E 19th Ave Box 158  
Denver, CO 80218  
303 861-6918

*Length:* 3 Year(s) *Total Positions:* 67 (GYI: 20)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-07-21-043

## Connecticut

## Bridgeport

### Yale University (Bridgeport) Program

Bridgeport Hospital

*Program Director:*

Thomas L Kennedy, MD  
Bridgeport Hospital  
267 Grant St  
Bridgeport, CT 06610-2870  
203 384-3712

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 320-08-31-044

## Farmington

### University of Connecticut Program

University of Connecticut School of Medicine  
Hartford Hospital  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Edwin L Zalneraitis, MD  
University of Connecticut School of Medicine  
263 Farmington Ave  
Farmington, CT 06030-1515  
203 679-2253

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 14)

*Subspecialties:* NPM,PDE,PDP

*Program ID:* 320-08-21-045

## New Haven

### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Hospital of St Raphael

*Program Director:*

Norman J Siegel, MD  
Yale-New Haven Medical Center Dept of Pediatrics  
333 Cedar St PO Box 208064  
New Haven, CT 06520-8064  
203 785-4643

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 18)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-08-21-046

\* Updated information not provided.

**Waterbury****Yale University (Waterbury) Program**

Waterbury Hospital Health Center  
St Mary's Hospital

*Program Director:*

Richard A Ehrenkranz, MD  
Waterbury Hospital Health Center  
64 Robbins St  
Waterbury, CT 06721  
203 573-6158

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Program ID:* 320-08-21-047

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center

*Program Director:*

Bernhard L Wiedermann, MD  
Children's National Medical Center  
111 Michigan Ave NW  
Ste W3.5-600  
Washington, DC 20010-2970  
202 884-3950

*Length:* 3 Year(s) *Total Positions:* 78 (GYI: 26)

*Subspecialties:* CCP,NPM,PDC,PG,PHO,PN

*Program ID:* 320-10-21-051

**Georgetown University Program**

Georgetown University Hospital  
Fairfax Hospital

*Program Director:*

Dorothy A Richmond, MD  
Georgetown University Hospital  
Dept of Pediatrics  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 687-8882

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 14)

*Subspecialties:* CCP,NPM,PDC,PDE,PN

*Program ID:* 320-10-21-050

**Howard University Program\***

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

John W Downing Jr, MD  
Howard University Hospital  
Dept of Pediatrics and Child Health  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1592

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 16)

*Program ID:* 320-10-21-049

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

John R Pierce, MD  
Chief Dept of Pediatrics  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1248

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 7)

*Subspecialties:* NPM,PDE,PG,PHO

*Program ID:* 320-10-11-006

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

Joel M Andres, MD  
University of Florida Shands Hospital  
Pediatrics/Housestaff Box 100296  
Gainesville, FL 32610-0296  
904 395-0451

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 15)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-11-31-053

**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)  
Baptist Medical Center (UFHSC/J)  
Nemours Children's Clinic (UFHSC/J)

*Program Director:*

Ronald P Carzoli, MD  
Office of Medical Education  
655 W Eighth St  
Jacksonville, FL 32209-6511  
904 549-3049

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)

*Subspecialties:* CCP

*Program ID:* 320-11-21-055

**Miami****Miami Children's Hospital Program\***

Miami Children's Hospital

*Program Director:*

Ramon Rodriguez-Torres, MD  
Miami Children's Hospital  
6125 SW 31st St  
Miami, FL 33155-3098  
305 666-2563

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 18)

*Subspecialties:* CCP

*Program ID:* 320-11-12-057

**University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

*Program Director:*

R Rodney Howell, MD  
Univ of Miami School of Medicine  
Dept of Pediatrics  
PO Box 016960 (R131)  
Miami, FL 33101-6960  
305 585-6042

*Length:* 3 Year(s) *Total Positions:* 64 (GYI: 21)

*Subspecialties:* CCP,NPM,PDC,PN

*Program ID:* 320-11-11-056

**Orlando****Orlando Regional Healthcare System Program**

Arnold Palmer Hospital for Children and Women  
Orlando Regional Medical Center

*Program Director:*

Michael J Muszynski, MD  
Orlando Regional Healthcare System  
Medical Education/Pediatrics  
85 W Miller St Ste 203  
Orlando, FL 32806  
407 841-5143

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Program ID:* 320-11-31-058

**Pensacola****Sacred Heart Hospital of Pensacola Program**

Sacred Heart Hospital of Pensacola

*Program Director:*

Robert K Wilson Jr, MD  
Sacred Heart Children's Hospital  
5151 N Ninth Ave  
Pensacola, FL 32504  
904 474-7658

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 5)

*Program ID:* 320-11-21-059

**Tampa****University of South Florida (All Children's) Program**

University of South Florida College of Medicine  
All Children's Hospital

*Program Director:*

Martin R Klemperer, MD  
All Children's Hospital  
801 Sixth St S  
PO Box 31020  
St Petersburg, FL 33731-8920  
813 892-4106

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 10)

*Program ID:* 320-11-21-359

**University of South Florida Program**

University of South Florida College of Medicine  
Tampa General Healthcare

*Program Director:*

Janifer M Judisch, MD  
University of South Florida College of Medicine  
17 Davis Blvd 2nd Fl  
Rm 225  
Tampa, FL 33606  
813 272-2272

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 10)

*Subspecialties:* NPM,PDE

*Program ID:* 320-11-21-060

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

Susie Buchter, MD  
Emory University School of Medicine  
Dept of Pediatrics  
69 Butler St SE  
Atlanta, GA 30303-2807  
404 616-5133

*Length:* 3 Year(s) *Total Positions:* 56 (GYI: 18)

*Subspecialties:* CCP,NPM,PDC,PDE,PHO

*Program ID:* 320-12-21-061

\* Updated information not provided.

## Augusta

### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
University Hospital

*Program Director:*

David B Flannery, MD

Medical College of Georgia Dept of Pediatrics

1120 15th St

Room BG-121

Augusta, GA 30912-3700

706 721-9442

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Subspecialties:* CCP,NPM,PDC

*Program ID:* 320-12-21-062

## Macon

### Mercer University School of Medicine Program

Medical Center of Central Georgia

*Program Director:*

Marcia B Guzzardo, MD

The Medical Center of Central Georgia

777 Hemlock St

Hospital Box 42

Macon, GA 31201

912 633-7500

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 320-12-21-398

## Hawaii

## Honolulu

### University of Hawaii Program

University of Hawaii John A Burns School of Medicine  
Kapiolani Medical Center for Women and Children

*Program Director:*

Sherril L Hammar, MD

Kapiolani Medical Center for Women and Children

1319 Punahou St

Honolulu, HI 96826

808 949-3579

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

*Subspecialties:* NPM

*Program ID:* 320-14-21-063

## Tripler AMC

### Tripler Army Medical Center Program

Tripler Army Medical Center

*Program Director:*

Donald A Person, MD

Tripler Army Medical Center

Dept of Pediatrics

Honolulu, HI 96859-5000

808 433-6474

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 320-14-21-007

## Illinois

## Chicago

### Columbus Hospital Program

Columbus Hospital

Cabrini Hospital

*Program Director:*

Howard Weiss, MD

Dept of Pediatrics

Columbus Hospital

2520 N Lakeview Ave

Chicago, IL 60614

312 883-5908

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 4)

*Program ID:* 320-16-31-064

### Cook County Hospital Program

Cook County Hospital

*Program Director:*

David Soglin, MD

Cook County Children's Hospital

700 S Wood St

Rm 121

Chicago, IL 60612

312 633-6530

*Length:* 3 Year(s) *Total Positions:* 47 (GYI: 16)

*Subspecialties:* NPM

*Program ID:* 320-16-11-065

### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School

Children's Memorial Medical Center

Evanston Hospital

*Program Director:*

Sharon M Unti, MD

Children's Memorial Hospital

2300 Children's Plaza # 18

Chicago, IL 60614-2620

312 880-4302

*Length:* 3 Year(s) *Total Positions:* 70 (GYI: 24)

*Subspecialties:* CCP,NPM,PDC,PDE,PHO,PN

*Program ID:* 320-16-21-070

### Rush Medical College Program

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Samuel P Gotoff, MD

Rush-Presbyterian-St Luke's Med Ctr/Dept of Pediatrics

1653 West Congress Pkwy

Jones Bldg Rm 770

Chicago, IL 60612-3864

312 942-8928

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 13)

*Subspecialties:* CCP

*Program ID:* 320-16-31-069

### University of Chicago Program

University of Chicago Hospitals

Wyler Children's Hospital at the University of Chicago

*Program Director:*

Patrick T Horn, MD

University of Chicago Hospitals

5841 S Maryland Ave MC1051

Chicago, IL 60637-1470

312 702-5444

*Length:* 3 Year(s) *Total Positions:* 74 (GYI: 23)

*Subspecialties:* CCP,NPM,PDE,PG,PHO

*Program ID:* 320-16-11-073

### University of Illinois College of Medicine at Chicago Program\*

University of Illinois College of Medicine at Chicago

Michael Reese Hospital and Medical Center

University of Illinois Hospital and Clinics

*Program Director:*

George R Honig, MD

University of Illinois Hospital

840 S Wood St M/C 856

Chicago, IL 60612

312 996-8297

*Length:* 3 Year(s) *Total Positions:* 51 (GYI: 17)

*Subspecialties:* NPM,PDE

*Program ID:* 320-16-11-074

### University of Illinois College of Medicine at Chicago/Christ Hospital Program

University of Illinois College of Medicine at Chicago

EHS Christ Hospital and Medical Center

*Program Director:*

Larry M Roy, MD

Christ Hospital & Medical Center

4440 W 95th St

Oak Lawn, IL 60453

708 346-5682

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 9)

*Subspecialties:* PDC

*Program ID:* 320-16-21-382

## Maywood

### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago

*Program Director:*

Craig L Anderson, MD

Foster G McGaw Hospital

Dept of Pediatrics

2160 S First Ave

Maywood, IL 60153-6015

708 327-9124

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)

*Subspecialties:* NPM,PDE

*Program ID:* 320-16-21-075

## Park Ridge

### Lutheran General Hospital Program

Lutheran General Hospital

*Program Director:*

Jerome R Kraut, MD

Lutheran General Children's Hospital

1775 Dempster St

Park Ridge, IL 60068-1174

800 866-2210

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 10)

*Subspecialties:* CCP,NPM

*Program ID:* 320-16-12-077

## Peoria

### University of Illinois College of Medicine at Peoria Program

University of Illinois College of Medicine at Peoria

St Francis Medical Center

*Program Director:*

Jalayne M Lapke, MD

University of Illinois College of Medicine at Peoria

St Francis Medical Center

530 NE Glen Oak

Peoria, IL 61637

800 599-7337

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 320-16-21-078

\* Updated information not provided.

**Springfield****Southern Illinois University Program**

Southern Illinois University School of Medicine  
St John's Hospital

*Program Director:*

Thomas W Loew, MD  
Southern Illinois University School of Medicine  
PO Box 19230  
301 N Eighth St  
Springfield, IL 62794-9230  
217 782-1957

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 320-16-21-079

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Richard L Schreiner, MD  
Indiana University Medical Center  
702 Barnhill Dr One Children's Sq  
Rm 5900  
Indianapolis, IN 46202-5225  
317 274-7810

*Length:* 3 Year(s) *Total Positions:* 56 (GYI: 17)  
*Subspecialties:* NPM,PDC,PDE,PDP,PG,PHO,PN  
**Program ID:** 320-17-21-080

**Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*

Charlene E Graves, MD  
Methodist Hospital of Indiana  
1701 N Senate Ave  
PO Box 1367  
Indianapolis, IN 46206-1367  
317 929-8471

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 5)  
**Program ID:** 320-17-11-081

**Iowa****Des Moines****Iowa Methodist Medical Center Program**

Iowa Methodist Medical Center

*Program Director:*

William G Bartlett, DO  
Raymond Blank Memorial Hospital for Children  
1200 Pleasant St  
Des Moines, IA 50309  
515 241-4497

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 320-18-31-082

**Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Gail A McGuinness, MD  
University of Iowa Hospitals and Clinics  
Dept of Pediatrics  
Iowa City, IA 52242-1009  
319 356-3568

*Length:* 3 Year(s) *Total Positions:* 39 (GYI: 13)  
*Subspecialties:* NPM,PDC,PDE,PDP,PHO,PN  
**Program ID:** 320-18-11-083

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Carol B Lindsley, MD  
Univ of Kansas Med Ctr  
Dept of Pediatrics  
3901 Rainbow Blvd  
Kansas City, KS 66160-7330  
913 588-6917

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 8)  
**Program ID:** 320-19-11-084

**Wichita****University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
Wesley Medical Center

*Program Director:*

Katherine J Melhorn, MD  
University of Kansas (Wichita)  
Dept of Pediatrics  
1010 N Kansas  
Wichita, KS 67214-3199  
316 261-2631

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 6)  
**Program ID:** 320-19-21-086

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center

*Program Director:*

Robert Broughton, MD  
University of Kentucky Medical Center  
Kentucky Clinic J461  
Dept of Pediatrics  
Lexington, KY 40536-0284  
606 323-5481

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Subspecialties:* NPM  
**Program ID:** 320-20-21-087

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)

*Program Director:*

John L Roberts, MD  
School of Medicine  
Dept of Pediatrics  
University of Louisville  
Louisville, KY 40292  
502 629-8828

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 16)  
*Subspecialties:* NPM  
**Program ID:** 320-20-21-088

**Louisiana****Baton Rouge****Louisiana State University (Baton Rouge) Program**

Earl K. Long Medical Center.

*Program Director:*

Judith Fishbein, MD  
Earl K. Long Medical Center  
Dept of Pediatrics  
5825 Airline Hwy  
Baton Rouge, LA 70805-2498  
504 358-1063

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 320-21-11-089

**New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Russell Steele, MD  
Louisiana State University School of Medicine  
Dept of Pediatrics  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-6221

*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 16)  
*Subspecialties:* NPM,PHO  
**Program ID:** 320-21-21-090

**Tulane University Program**

Tulane University School of Medicine  
Alton Ochsner Medical Foundation  
Medical Center of Louisiana at New Orleans-Tulane  
Division

Tulane University Hospital and Clinics

*Program Director:*

Hosea J Doucet III, MD  
Tulane University Medical Center  
1430 Tulane Ave  
Department of Pediatrics  
New Orleans, LA 70112  
504 588-5458

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
*Subspecialties:* PDC,PDP,PN  
**Program ID:** 320-21-21-092

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

*Program Director:*

Joseph A Bocchini Jr, MD  
Louisiana State University Medical Center Hospital  
Medical Education Pediatrics  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-6073

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 7)  
*Subspecialties:* NPM  
**Program ID:** 320-21-11-093

\* Updated information not provided.

## Maine

### Portland

#### Maine Medical Center Program

Maine Medical Center

*Program Director:*

Barbara A Chlmonczyk, MD

Maine Medical Center

Dept of Pediatrics

22 Bramhall St

Portland, ME 04102-3175

207 871-2353

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 5)

*Program ID:* 320-22-11-094

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine

Johns Hopkins Hospital

*Program Director:*

Julia A McMillan, MD

Johns Hopkins Hospital

CMSC 2-124

600 N Wolfe St

Baltimore, MD 21287-3224

410 955-2727

*Length:* 3 Year(s) *Total Positions:* 69 (GYI: 23)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-23-21-096

#### Sinai Hospital of Baltimore Program

Sinai Hospital of Baltimore

*Program Director:*

Charles F Medani, MD

Sinai Hospital at Baltimore

Medical Staff/Education Office

2401 W Belvedere Ave

Baltimore, MD 21215

410 578-5522

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 6)

*Program ID:* 320-23-11-099

#### University of Maryland Program

University of Maryland Medical System

Mercy Medical Center

*Program Director:*

Carol L Carraccio, MD

22 S. Greene Street Room N5W56

Baltimore, MD 21201

410 328-5213

*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 15)

*Subspecialties:* NPM,PDE

*Program ID:* 320-23-21-100

### Bethesda

#### National Naval Medical Center (Bethesda) Program\*

National Naval Medical Center (Bethesda)

*Program Director:*

Capt Richard A Moriarty, MD

National Naval Medical Center (Bethesda)

8901 Wisconsin Ave

Bethesda, MD 20814-5011

301 295-4924

*Length:* 3 Year(s)

*Subspecialties:* PHO

*Program ID:* 320-23-11-013

## Massachusetts

### Boston

#### Boston City Hospital Program\*

Boston City Hospital

*Program Director:*

Robert J Vinci, MD

Dept of Pediatrics

Boston City Hospital

818 Harrison Ave

Boston, MA 02118

617 534-5177

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)

*Subspecialties:* NPM

*Program ID:* 320-24-21-101

#### Harvard Medical School Program\*

Children's Hospital

*Program Director:*

David G Nathan, MD

Children's Hospital

300 Longwood Ave

Boston, MA 02115

617 735-7681

*Length:* 3 Year(s) *Total Positions:* 73 (GYI: 27)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-24-11-102

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Donald N Medearis Jr, MD

Massachusetts General Hospital

Children's Service Ellison 1034

Boston, MA 02114-2698

617 726-2901

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 12)

*Subspecialties:* CCP,PDE,PDP,PN

*Program ID:* 320-24-31-103

#### New England Medical Center Hospitals Program

New England Medical Center Hospitals

*Program Director:*

Lynne Karlson, MD

New England Medical Center

750 Washington St Box 286

Boston, MA 02111

617 956-5256

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 17)

*Subspecialties:* PG

*Program ID:* 320-24-21-104

### Springfield

#### Baystate Medical Center Program

Baystate Medical Center

*Program Director:*

Barbara W Stechenberg, MD

Baystate Medical Center

Dept of Pediatrics

759 Chestnut St

Springfield, MA 01199

800 959-4232

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)

*Program ID:* 320-24-12-106

## Worcester

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*

Kenneth B Roberts, MD

University of Massachusetts Medical Center

55 Lake Ave N

Worcester, MA 01655

508 856-3590

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 7)

*Subspecialties:* NPM

*Program ID:* 320-24-21-107

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Janet R Gilsdorf, MD

University of Michigan Medical Center

D 3201 Med Professional Bldg

Ann Arbor, MI 48109-0718

313 764-5173

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 11)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

*Program ID:* 320-25-21-109

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

St Joseph Mercy Community HealthCare System

*Program Director:*

Jeffrey M Devries, MD MPH

Dept of Pediatrics

2799 W Grand Blvd

Detroit, MI 48202

313 876-3003

*Length:* 3 Year(s) *Total Positions:* 63 (GYI: 20)

*Program ID:* 320-25-31-392

#### St John Hospital and Medical Center Program

St John Hospital and Medical Center

*Program Director:*

Douglas K Ziegler, MD

St John Hospital and Medical Center

Department of Med Educ

22101 Moross Rd

Detroit, MI 48236-2172

313 343-3875

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 320-25-11-113

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine

Children's Hospital of Michigan

*Program Director:*

Herman B Gray Jr, MD

Children's Hospital of Michigan

3901 Beaubien Blvd

Detroit, MI 48201-2196

313 745-5533

*Length:* 3 Year(s) *Total Positions:* 75 (GYI: 25)

*Subspecialties:* CCP,NPM,PDC,PG,PHO

*Program ID:* 320-25-21-110

\* Updated information not provided.

**East Lansing****Michigan State University Program\***

Michigan State University Clinical Center  
Sparrow Hospital

*Program Director:*

John A Germack, MD  
Michigan State University  
Dept of Pediatrics  
131 Jones St Ste 6  
Lansing, MI 48912-1837  
517 483-2856

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Subspecialties:* NPM

**Program ID:** 320-25-21-114

**Flint****Hurley Medical Center/Michigan State University Program**

Hurley Medical Center

*Program Director:*

Timur Sumer, MD  
Hurley Medical Center  
One Hurley Plaza  
Flint, MI 48503-5993  
810 257-9283

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID:** 320-25-31-115

**Grand Rapids****Butterworth Hospital/Michigan State University Program**

Butterworth Hospital

*Program Director:*

Gary M Kirk, MD  
Butterworth Hospital  
100 Michigan St NE MC #11  
Grand Rapids, MI 49503  
616 732-3670

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 7)

**Program ID:** 320-25-21-116

**Kalamazoo****Kalamazoo Center for Medical Studies/Michigan State University Program**

Kalamazoo Center for Medical Studies  
Bronson Methodist Hospital

*Program Director:*

Donald E Greydanus, MD  
Michigan State University-Kalamazoo Ctr for Medical Studies  
Dept of Pediatrics  
1000 Oakland Dr  
Kalamazoo, MI 49008  
616 337-6453

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID:** 320-25-21-391

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

M Jeffrey Maisels, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-0413

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID:** 320-25-12-119

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
Children's Health Care-Minneapolis  
Children's Health Care-St Paul  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic

*Program Director:*

Michael C Shannon, MD  
Pediatric Residency Program  
Box 391  
420 Delaware St SE  
Minneapolis, MN 55455  
612 624-0990

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 24)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

**Program ID:** 320-26-21-120

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Julia A Rosekrans, MD  
Mayo Graduate School of Medicine Application Processing Ctr  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-3379

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 7)

*Subspecialties:* PDC,PDE,PG,PHO

**Program ID:** 320-26-21-121

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

John E Moffitt, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5249

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 10)

*Subspecialties:* NPM,PHO

**Program ID:** 320-27-12-122

**Keesler AFB****Keesler Medical Center Program**

Keesler Medical Center

*Program Director:*

Col George S Kotchmar Jr, MD  
81st Medical Group/SGHMC  
301 Fisher St Ste 102  
Keesler AFB, MS 39534-2520  
601 377-6620

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 7)

**Program ID:** 320-27-12-002

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

Sara V Sotiropoulos, MD  
Missouri University School of Medicine  
One Hospital Dr  
Columbia, MO 65212  
314 882-0445

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 8)

*Subspecialties:* NPM

**Program ID:** 320-28-11-123

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital

*Program Director:*

Sharon M Heimes, MD  
Medical Education  
Children's Mercy Hospital  
2401 Gillham Rd  
Kansas City, MO 64108-9898  
816 234-3371

*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 17)

*Subspecialties:* NPM,PDE,PHO,PN

**Program ID:** 320-28-11-124

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital

*Program Director:*

Richard C Barry, MD  
Allan D Friedman, MD MPH  
Cardinal Glennon Children's Hospital  
1465 S Grand Blvd  
St Louis, MO 63104  
314 577-5634

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 13)

*Subspecialties:* NPM,PDP,PG

**Program ID:** 320-28-21-127

**Washington University Program\***

St Louis Children's Hospital

*Program Director:*

James P Keating, MD  
Children's Hospital at Washington University Medical Center  
400 S Kingshighway  
St Louis, MO 63110  
314 454-6006

*Length:* 3 Year(s)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

**Program ID:** 320-28-11-125

\* Updated information not provided.



## Nebraska

### Omaha

#### University of Nebraska/Creighton University Program

University of Nebraska Medical Center  
AMI St Joseph Hospital at Creighton Univ Medical Center  
Childrens Memorial Hospital

*Program Director:*

Terence L Zach, MD  
University of Nebraska Medical Center  
Dept of Pediatrics  
600 S 42nd St  
Omaha, NE 68198-2185  
402 559-5380

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 11)

*Subspecialties:* PG

*Program ID:* 320-30-21-383

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital

*Program Director:*

John G Brooks, MD  
Dept of Pediatrics  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-5475

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

*Subspecialties:* NPM

*Program ID:* 320-32-22-130

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center

*Program Director:*

Ernest M Post, MD  
UMDNJ-Robert Wood Johnson Medical School (Camden)  
Program  
Cooper Hosp Univ Med Ctr  
Three Cooper Plaza Ste 520  
Camden, NJ 08103-1489  
609 342-2250

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)

*Subspecialties:* CCP

*Program ID:* 320-33-31-251

### Long Branch

#### Monmouth Medical Center Program

Monmouth Medical Center

*Program Director:*

Howard A Fox, MD  
Monmouth Medical Center  
300 Second Ave  
Long Branch, NJ 07740  
908 870-5175

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 320-33-11-133

## Morristown

#### Morristown Memorial Hospital Program

Morristown Memorial Hospital

*Program Director:*

John T Truman, MD  
Morristown Memorial Hospital  
100 Madison Ave  
PO Box 1956  
Morristown, NJ 07962-1956  
201 971-5150

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 4)

*Program ID:* 320-33-21-368

## Neptune

#### Jersey Shore Medical Center Program

Jersey Shore Medical Center

*Program Director:*

Anna Marie Sesso, MD MPH  
Jersey Shore Medical Center  
1945 Rt #33  
Neptune, NJ 07754  
908 776-4267

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 6)

*Program ID:* 320-33-11-134

## Newark

#### UMDNJ-New Jersey Medical School (Beth Israel) Program

UMDNJ-New Jersey Medical School  
Elizabeth General Medical Center  
Newark Beth Israel Medical Center

*Program Director:*

Jules A Titelbaum, MD  
Newark Beth Israel Medical Center  
201 Lyons Ave  
Newark, NJ 07112  
201 926-7328

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 12)

*Program ID:* 320-33-21-362

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Children's Hospital of New Jersey  
UMDNJ-University Hospital

*Program Director:*

Susan G Mautone, MD  
Children's Hospital of New Jersey  
15 S Ninth St  
Newark, NJ 07107  
201 982-6015

*Length:* 3 Year(s) *Total Positions:* 74 (GYI: 22)

*Subspecialties:* CCP

*Program ID:* 320-33-21-135

## Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*

Barbara K Snyder, MD  
UMDNJ-Robert Wood Johnson Med Sch Dept of Pediatrics  
One Robert Wood Johnson Pl CN-19  
New Brunswick, NJ 08903-0019  
908 235-7883

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 11)

*Subspecialties:* NPM

*Program ID:* 320-33-21-136

## South Orange

#### Seton Hall University School of Graduate Medical Education (Jersey City) Program

Seton Hall University School of Graduate Medical Education  
Jersey City Medical Center

*Program Director:*

Sophie Pierog, MD  
Jersey City Medical Center  
50 Baldwin Ave  
Jersey City, NJ 07304  
201 915-2455

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 12)

*Program ID:* 320-33-21-131

#### Seton Hall University School of Graduate Medical Education Program

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center

*Program Director:*

Thomas E Potter, MD  
The Children's Hospital at St Joseph's  
703 Main St  
Paterson, NJ 07503  
201 977-2180

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 9)

*Program ID:* 320-33-21-364

## Summit

#### Overlook Hospital Program

Overlook Hospital

*Program Director:*

H Lawrence Vallet, MD  
Overlook Hospital Children's Medical Center  
99 Beauvoir Ave  
PO Box 220  
Summit, NJ 07901-0220  
908 522-4679

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Program ID:* 320-33-11-137

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

L Clark Hansbarger, MD  
University of New Mexico School of Medicine  
Dept of Pediatrics  
Ambulatory Care Ctr 3rd Fl  
Albuquerque, NM 87131-5311  
505 272-5551

*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)

*Subspecialties:* NPM, PDP

*Program ID:* 320-34-11-138

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital

*Program Director:*

Allan W Geis, MD  
Albany Medical College A-88  
Dept of Pediatrics A-621  
Albany, NY 12208  
518 262-6626

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 9)*Subspecialties:* NPM**Program ID:** 320-35-21-139**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Steven P Shelov, MD  
Montefiore Medical Center  
111 E 210 St  
Centennial 1  
Bronx, NY 10467  
718 920-6490

*Length:* 3 Year(s) *Total Positions:* 103 (GYI: 32)*Subspecialties:* CCP,NPM,PDE,PN**Program ID:** 320-35-21-363**Bronx-Lebanon Hospital Center Program\***

Bronx-Lebanon Hospital Center

*Program Director:*

Thomas J Daley, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 518-5760

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 13)**Program ID:** 320-35-11-146**Brooklyn****Brookdale Hospital Medical Center Program\***

Brookdale Hospital Medical Center

*Program Director:*

Theodore W AvRuskin, MD  
Brookdale Hospital Medical Center  
Linden Blvd at Brookdale Plaza  
Brooklyn, NY 11212  
718 240-5244

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 15)*Subspecialties:* PDC**Program ID:** 320-35-11-147**Brooklyn Hospital Center Program**

Brooklyn Hospital Center  
Woodhull Medical and Mental Health Center

*Program Director:*

Michael LaCorte, MD  
The Brooklyn Hospital Center  
Dept of Pediatrics  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 403-6935

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 10)**Program ID:** 320-35-11-148**Interfaith Medical Center Program**

Interfaith Medical Center

*Program Director:*

Abdul J Khan, MD  
Interfaith Medical Center  
Dept of Pediatrics  
1545 Atlantic Ave  
Brooklyn, NY 11213  
718 604-6260

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)**Program ID:** 320-35-31-385**Long Island College Hospital Program**

Long Island College Hospital

*Program Director:*

Mary F Kaufman, MD  
Long Island College Hospital  
340 Henry St Rm 401 A  
New York (Brooklyn), NY 11201  
718 780-1146

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 10)**Program ID:** 320-35-11-154**Maimonides Medical Center Program**

Maimonides Medical Center  
Coney Island Hospital

*Program Director:*

Fima Lifshitz, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7500

*Length:* 3 Year(s) *Total Positions:* 50 (GYI: 21)*Subspecialties:* PDE**Program ID:** 320-35-21-157**New York Methodist Hospital Program**

New York Methodist Hospital  
New York Hospital

*Program Director:*

Bhim S Nangia, MD  
New York Methodist Hospital  
506 Sixth St  
Brooklyn, NY 11215-9008  
718 780-3261

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 6)**Program ID:** 320-35-11-158**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*

Laurence Finberg, MD  
Children's Medical Center of Brooklyn  
450 Clarkson Ave Box #49  
Brooklyn, NY 11203  
718 270-1625

*Length:* 3 Year(s) *Total Positions:* 88 (GYI: 29)*Subspecialties:* NPM,PDE,PDP,PHO,PN**Program ID:** 320-35-21-173**Woodhull Medical and Mental Health Center Program\***

Woodhull Medical and Mental Health Center

*Program Director:*

John W Moohr, MD  
Woodhull Medical & Mental Health Center  
Dept of Pediatrics  
760 Broadway  
Brooklyn, NY 11206-5317  
718 963-7958

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)**Program ID:** 320-35-32-387**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Children's Hospital of Buffalo

*Program Director:*

Gerald E Daigler, MD  
Pediatric Med Educ  
Children's Hospital of Buffalo  
219 Bryant St  
Buffalo, NY 14222  
716 878-7355

*Length:* 3 Year(s) *Total Positions:* 53 (GYI: 17)*Subspecialties:* CCP,NPM,PDE,PHO,PN**Program ID:** 320-35-21-140**East Meadow****Nassau County Medical Center Program**

Nassau County Medical Center

*Program Director:*

Stephen P Katz, MD  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-5177

*Length:* 3 Year(s) *Total Positions:* 31 (GYI: 9)**Program ID:** 320-35-21-141**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Harvey Aiges, MD  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030  
516 562-4640

*Length:* 3 Year(s) *Total Positions:* 81 (GYI: 15)*Subspecialties:* NPM,PDC,PDE,PG**Program ID:** 320-35-21-150**Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital

*Program Director:*

Joseph Greensher, MD  
Winthrop-University Hospital  
259 First St  
Mineola, NY 11501  
516 663-2288

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)*Subspecialties:* PDE**Program ID:** 320-35-11-143**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

Philip Lankowsky, MD  
Schneider Children's Hospital  
Long Island Jewish Medical Center  
Dept of Pediatrics  
New Hyde Park, NY 11040  
718 470-3201

*Length:* 3 Year(s) *Total Positions:* 69 (GYI: 23)*Subspecialties:* CCP,NPM,PDC,PDE,PHO**Program ID:** 320-35-21-155

\* Updated information not provided.

**New York**

**Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center  
*Program Director:*  
 Richard J Bonforte, MD  
 Beth Israel Medical Center  
 First Ave at 16th St  
 New York, NY 10003  
 212 420-4095  
*Length:* 3 Year(s) *Total Positions:* 26 (GYI: 8)  
*Program ID:* 320-35-11-145

**Harlem Hospital Center Program**

Harlem Hospital Center  
*Program Director:*  
 Margaret C Heagarty, MD  
 Harlem Hospital Center  
 506 Lenox Ave  
 New York, NY 10037  
 212 939-4012  
*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)  
*Program ID:* 320-35-11-151

**Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
 Elmhurst Hospital Center-Mount Sinai Services  
 Mount Sinai Medical Center  
*Program Director:*  
 Meivin Gertner, MD  
 Elmhurst Hospital Center-Mount Sinai Services  
 79-01 Broadway  
 Elmhurst, NY 11373  
 718 334-3380  
*Length:* 3 Year(s) *Total Positions:* 28 (GYI: 10)  
*Program ID:* 320-35-21-162

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
 Mount Sinai Medical Center  
*Program Director:*  
 Scott H Barnett, MD  
 Mount Sinai Medical Center  
 Dept of Pediatrics  
 One Gustave L Levy Pl Box 1512  
 New York, NY 10029  
 212 241-6934  
*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 18)  
*Subspecialties:* NPM,PDC,PDE,PDP,PG,PHO,PN  
*Program ID:* 320-35-11-161

**New York Hospital/Cornell Medical Center Program**

New York Hospital  
*Program Director:*  
 Maura C Cooper, MD  
 Valerie Johnson, MD PhD  
 New York Hospital/Cornell Medical Center  
 Dept of Pediatrics N-405  
 525 E 68th St  
 New York, NY 10021  
 212 746-3131  
*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 18)  
*Subspecialties:* CCP,NPM,PDC,PDE,PG,PHO,PN  
*Program ID:* 320-35-21-149

**New York University Medical Center Program**

New York University Medical Center  
 Bellevue Hospital Center  
*Program Director:*  
 Wade P Parks, PhD MD  
 New York University Medical Center  
 Dept of Pediatrics  
 550 First Ave  
 New York, NY 10016  
 212 263-6425  
*Length:* 3 Year(s) *Total Positions:* 58 (GYI: 20)  
*Subspecialties:* NPM,PDC,PDE,PHO  
*Program ID:* 320-35-21-166

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York  
*Program Director:*  
 John M Driscoll Jr, MD  
 Presbyterian Hospital in the City of New York  
 622 W 168th St  
 New York, NY 10032-3784  
 212 305-2934  
*Length:* 3 Year(s) *Total Positions:* 51 (GYI: 17)  
*Subspecialties:* NPM,PDC,PDP,PG,PHO  
*Program ID:* 320-35-11-167

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
 St Luke's-Roosevelt Hospital Center-Roosevelt Division  
 St Luke's-Roosevelt Hospital Center-St Luke's Division  
*Program Director:*  
 Louis Z Cooper, MD  
 St Luke's-Roosevelt Hospital Center  
 1000 Tenth Ave  
 New York, NY 10019  
 212 523-3365  
*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
*Program ID:* 320-35-11-168

**Rochester**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
 Rochester General Hospital  
*Program Director:*  
 J Peter Harris, MD  
 Strong Memorial Hospital  
 601 Elmwood Ave PO Box 777  
 Rochester, NY 14642  
 800 871-7337  
*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 19)  
*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PHO,PN  
*Program ID:* 320-35-21-174

**Staten Island**

**St Vincent's Medical Center/New York University Medical Center Program**

St Vincent's Medical Center of Richmond  
*Program Director:*  
 Albina A Claps, MD  
 St Vincent's Medical Center of Richmond  
 355 Bard Ave  
 Staten Island, NY 10310-1699  
 718 876-4638  
*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 6)  
*Program ID:* 320-35-11-171

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
*Program Director:*  
 Sharon L Inkeles, MD  
 State University of New York at Stony Brook  
 School of Medicine  
 Dept of Pediatrics  
 Stony Brook, NY 11794-8111  
 516 444-2020  
*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)  
*Subspecialties:* NPM,PDE,PN  
*Program ID:* 320-35-21-365

**Syracuse**

**SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse  
 Crouse-Irving Memorial Hospital  
*Program Director:*  
 Ann S Botash, MD  
 SUNY Health Science Center at Syracuse  
 750 E Adams St  
 Syracuse, NY 13210  
 315 464-5800  
*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 14)  
*Subspecialties:* NPM,PDC,PDE,PHO  
*Program ID:* 320-35-21-175

**Valhalla**

**New York Medical College (Lincoln) Program**

New York Medical College  
 Lincoln Medical and Mental Health Center  
*Program Director:*  
 Concepcion Santos, MD  
 Lincoln Medical and Mental Health Center  
 Dept of Pediatrics  
 234 E 149th St  
 Bronx, NY 10451  
 718 579-5800  
*Length:* 3 Year(s) *Total Positions:* 62 (GYI: 24)  
*Program ID:* 320-35-31-394

**New York Medical College (Metropolitan) Program**

New York Medical College  
 Metropolitan Hospital Center  
*Program Director:*  
 Sarla Inamdar, MD  
 Metropolitan Hospital Center  
 Dept of Pediatrics Rm 523  
 1901 First Ave  
 New York, NY 10029  
 212 230-6228  
*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 12)  
*Program ID:* 320-35-21-393

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
 St Vincent's Hospital and Medical Center of New York  
*Program Director:*  
 Jayne D Rivas, MD  
 St Vincent's Hospital and Medical Center of New York  
 Dept of Pediatrics  
 130 W 12th St  
 New York, NY 10011  
 212 604-7879  
*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 320-35-11-170

\* Updated information not provided.

## New York Medical College at Westchester County Medical Center Program

New York Medical College  
Our Lady of Mercy Medical Center  
Westchester County Medical Center

*Program Director:*  
Paul K Woolf, MD  
New York Medical College  
Dept of Pediatrics  
Munger Pavilion Room 129  
Valhalla, NY 10595  
914 285-1166

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 10)  
*Subspecialties:* NPM,PDP,PG  
*Program ID:* 320-35-11-176

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*  
Harvey J Hamrick, MD  
University of North Carolina School of Medicine  
Dept of Pediatrics  
Old Clinic Bldg CB#7593  
Chapel Hill, NC 27599-7593  
919 966-3172

*Length:* 3 Year(s) *Total Positions:* 44 (GYI: 16)  
*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO  
*Program ID:* 320-36-21-178

### Charlotte

#### Carolinas Medical Center Program

Carolinas Medical Center

*Program Director:*  
Michael E Norman, MD  
Carolinas Medical Center  
Dept of Pediatrics PO Box 32861  
Charlotte, NC 28232-2861  
704 355-3156

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)  
*Program ID:* 320-36-11-179

### Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*  
Thomas R Kinney, MD  
Duke University Medical Center  
Box 3127  
Durham, NC 27710  
919 684-2356

*Length:* 3 Year(s) *Total Positions:* 41 (GYI: 14)  
*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PHO  
*Program ID:* 320-36-21-180

## Greenville

#### East Carolina University Program

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*  
Samuel K Parrish, MD  
East Carolina University School of Medicine  
Dept of Pediatrics Brody 3E142D  
University Med Ctr of East Carolina  
Greenville, NC 27858-4354  
919 816-4169

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)  
*Subspecialties:* NPM  
*Program ID:* 320-36-12-182

## Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*  
David Berry, MD  
Bowman Gray School of Medicine  
Dept of Pediatrics  
Medical Center Blvd  
Winston-Salem, NC 27157  
910 716-4431

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 11)  
*Subspecialties:* NPM  
*Program ID:* 320-36-11-183

## Ohio

### Akron

#### Children's Hospital Medical Center of Akron/NEOUCOM Program

Children's Hospital Medical Center of Akron

*Program Director:*  
John D Kramer, MD  
Children's Hospital Medical Center of Akron  
One Perkins Sq  
Akron, OH 44308-1062  
216 379-8520

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 11)  
*Program ID:* 320-38-11-184

### Cincinnati

#### University of Cincinnati Hospital Group Program

Children's Hospital Medical Center

*Program Director:*  
Michael K Farrell, MD  
Children's Hospital Medical Center  
3333 Burnet Ave  
Mail Location: 7th Fl CH  
Cincinnati, OH 45229-3039  
513 559-4314

*Length:* 3 Year(s) *Total Positions:* 79 (GYI: 26)  
*Subspecialties:* NPM,PDC,PDE,PDP,PG,PHO,PN  
*Program ID:* 320-38-21-185

## Cleveland

#### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center

*Program Director:*  
David G Roberts, MD  
MetroHealth Medical Center  
Dept of Pediatrics  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-5906

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)  
*Subspecialties:* NPM  
*Program ID:* 320-38-21-369

#### Case Western Reserve University Program

University Hospitals of Cleveland

*Program Director:*  
Carolyn M Kerckmar, MD  
Rainbow Babies and Childrens Hospital  
11100 Euclid Ave  
Cleveland, OH 44106-6002  
216 844-3641

*Length:* 3 Year(s) *Total Positions:* 65 (GYI: 18)  
*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO  
*Program ID:* 320-38-21-367

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*  
Michael J McHugh, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Pediatrics  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 7)  
*Subspecialties:* CCP,PG,PN  
*Program ID:* 320-38-31-189

## Columbus

#### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital

*Program Director:*  
John D Mahan, MD  
Delphis C Richardson, MD  
Children's Hospital  
Rm ED615  
700 Children's Dr  
Columbus, OH 43205-2696  
614 722-4414

*Length:* 3 Year(s) *Total Positions:* 61 (GYI: 20)  
*Subspecialties:* NPM,PDC,PDE,PDP,PG,PHO,PN  
*Program ID:* 320-38-21-192

## Dayton

#### Wright State University Program

Wright State University School of Medicine  
Children's Medical Center  
USAF Medical Center (Wright-Patterson)

*Program Director:*  
Julie A Lindahl, MD  
The Children's Medical Center  
One Children's Plaza  
Dayton, OH 45404-1815  
513 226-8433

*Length:* 3 Year(s) *Total Positions:* 36 (GYI: 12)  
*Program ID:* 320-38-21-193

\* Updated information not provided.

**Toledo**

**Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
Toledo Hospital

*Program Director:*  
Donald T Wasik, MD  
Medical College of Ohio at Toledo  
PO Box 10008  
Toledo, OH 43699-0008  
419 381-5264

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)  
*Program ID:* 320-38-21-194

**Youngstown**

**Western Reserve Care System/NEUCOM Program**

Western Reserve Care System  
Tod Children's Hospital

*Program Director:*  
Kurt J Wegner, MD  
Tod Children's Hospital  
Western Reserve Care System  
500 Gypsy Ln  
Youngstown, OH 44501  
216 740-3908

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 7)  
*Program ID:* 320-38-21-195

**Oklahoma**

**Oklahoma City**

**University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma

*Program Director:*  
Kendall L Stanford, MD  
University of Oklahoma Health Sciences Center  
PO Box 26901  
Dept of Pediatrics  
Oklahoma City, OK 73190  
405 271-4417

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 12)  
*Subspecialties:* NPM,PDE,PG,PHO  
*Program ID:* 320-39-11-196

**Tulsa**

**University of Oklahoma College of Medicine-Tulsa Program**

University of Oklahoma College of Medicine-Tulsa  
St Francis Hospital

*Program Director:*  
Robert W Block, MD  
University of Oklahoma College of Medicine-Tulsa  
Dept of Pediatrics  
2808 S Sheridan Rd  
Tulsa, OK 74129-1077  
918 838-4725

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
*Subspecialties:* NPM  
*Program ID:* 320-39-21-197

**Oregon**

**Portland**

**Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital

*Program Director:*  
Joseph T Gilhooly, MD  
Dept of Pediatrics  
Oregon Health Sciences University  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201  
503 494-6431

*Length:* 3 Year(s) *Total Positions:* 33 (GYI: 12)  
*Subspecialties:* NPM,PDC,PDE,PDP  
*Program ID:* 320-40-12-199

**Pennsylvania**

**Danville**

**Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*  
Robert McGregor, MD  
Geisinger Medical Center  
Dept of Pediatrics  
Danville, PA 17822-1320  
717 271-5606

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 320-41-11-200

**Hershey**

**Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr  
Polyclinic Medical Center

*Program Director:*  
Steven J Wassner, MD  
PO Box 850  
University Dr  
Hershey, PA 17033  
717 531-8006

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 10)  
*Subspecialties:* CCP,NPM,PDC  
*Program ID:* 320-41-21-372

**Philadelphia**

**Albert Einstein Medical Center Program**

Albert Einstein Medical Center

*Program Director:*  
Robert S Wimmer, MD  
Albert Einstein Medical Center  
5501 Old York Rd  
Philadelphia, PA 19141-3098  
215 456-6595

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 7)  
*Subspecialties:* NPM  
*Program ID:* 320-41-11-204

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*  
James C Demarco, MD  
Hahnemann University Dept of Pediatrics  
Broad & Vine Sts  
Mail Stop #402  
Philadelphia, PA 19102-1102  
215 762-8097

*Length:* 3 Year(s) *Total Positions:* 27 (GYI: 10)  
*Program ID:* 320-41-21-206

**St Christopher's Hospital for Children Program**

St Christopher's Hospital for Children

*Program Director:*  
Charles R Reed, MD  
St Christopher's Hospital for Children  
Erie Ave at Front St  
Philadelphia, PA 19134-1095  
215 427-5127

*Length:* 3 Year(s) *Total Positions:* 48 (GYI: 24)  
*Subspecialties:* NPM,PDC,PDE,PDP,PG,PHO,PN  
*Program ID:* 320-41-12-209

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital  
Alfred I DuPont Institute of the Nemours Foundation  
The Medical Center of Delaware

*Program Director:*  
Robert S Walter, MD  
Delaware Children's Health Center  
A I Dupont Institute  
PO Box 269  
Wilmington, DE 19899  
302 651-5874

*Length:* 3 Year(s) *Total Positions:* 55 (GYI: 18)  
*Subspecialties:* NPM  
*Program ID:* 320-41-21-210

**University of Pennsylvania Program\***

Children's Hospital of Philadelphia

*Program Director:*  
Walter W Tunnessen Jr, MD  
Children's Hospital of Philadelphia Dept of Pediatrics  
34th St & Civic Center Blvd  
Philadelphia, PA 19104  
215 590-2438

*Length:* 3 Year(s) *Total Positions:* 193 (GYI: 30)  
*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN  
*Program ID:* 320-41-21-205

**Pittsburgh**

**Mercy Hospital of Pittsburgh Program**

Mercy Hospital of Pittsburgh

*Program Director:*  
Bradley J Bradford, MD  
Mercy Hospital of Pittsburgh Dept of Pediatrics  
1515 Locust St  
Pittsburgh, PA 15219-5166  
412 232-7388

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
*Program ID:* 320-41-11-212

**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Magee-Womens Hospital

*Program Director:*  
J Carlton Gartner Jr, MD  
Children's Hospital of Pittsburgh  
3705 Fifth Ave  
Pittsburgh, PA 15213-2583  
412 692-5107

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 18)  
*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN  
*Program ID:* 320-41-21-211

\* Updated information not provided.

**Puerto Rico****Bayamon****Universidad Central del Caribe Program**

University Hospital Ramon Ruiz Arnau

*Program Director:*

Frank Rodriguez-Martinez, MD  
 University Hospital Ramon Ruiz Arnau  
 Dept of Pediatrics  
 Ave Laurel Santa Juanita  
 Bayamon, PR 00956  
 809 787-5151

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 8)**Program ID:** 320-42-21-255**Caguas****Caguas Regional Hospital Program**

Caguas Regional Hospital

*Program Director:*

Angel L Senquiz, MD  
 Caguas Regional Hospital  
 Dept of Pediatrics  
 Caguas, PR 00725  
 809 744-3167

*Length:* 3 Year(s) *Total Positions:* 25 (GYI: 8)**Program ID:** 320-42-31-213**Mayaguez****Ramon E Betances Hospital-Mayaguez Medical Center Program\***

Dr Ramon E Betances Hospital-Mayaguez Medical Center

*Program Director:*

Arturo M Lopez, MD  
 Mayaguez Medical Center Box 1868  
 Highway #2KM 157 2 Bo Sabalos  
 Mayaguez, PR 00708  
 809 834-8686

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 320-42-12-214**Ponce****Ponce Regional Hospital Program**

Ponce Regional Hospital

*Program Director:*

Ivonne Villafane, MD  
 Ponce Regional Hospital  
 Barrio Machuelo  
 Ponce, PR 00731  
 809 841-4037

*Length:* 3 Year(s) *Total Positions:* 21 (GYI: 7)**Program ID:** 320-42-11-215**Rio Piedras****San Juan City Hospital Program**

San Juan City Hospital

*Program Director:*

Eleanor Jimenez, MD  
 San Juan Municipal Hospital  
 GPO Box 70344  
 Centro Medico Mail Station #128  
 San Juan, PR 00936-7344  
 809 765-7618

*Length:* 3 Year(s) *Total Positions:* 35 (GYI: 9)**Program ID:** 320-42-11-216**San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine

University Pediatric Hospital

*Program Director:*

Marta Valcarcel, MD  
 University of Puerto Rico Medical Sciences Campus  
 GPO Box 5067  
 San Juan, PR 00936  
 809 764-6475

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 14)*Subspecialties:* NPM,PDP,PHO**Program ID:** 320-42-11-217**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital

Women and Infants Hospital of Rhode Island

*Program Director:*

William Oh, MD  
 Rhode Island Hospital  
 593 Eddy St  
 Providence, RI 02903-4923  
 401 444-5648

*Length:* 3 Year(s) *Total Positions:* 46 (GYI: 16)*Subspecialties:* NPM,PDE,PG,PHO**Program ID:** 320-43-21-218**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine

MUSC Medical Center

*Program Director:*

Walton L Ector, MD  
 Medical University of South Carolina  
 Dept of Pediatrics CH654  
 171 Ashley Ave  
 Charleston, SC 29425-2248  
 803 792-8972

*Length:* 3 Year(s) *Total Positions:* 37 (GYI: 12)*Subspecialties:* NPM,PDC,PHO**Program ID:** 320-45-11-219**Columbia****Richland Memorial Hospital-University of South Carolina School of Medicine Program**

Richland Memorial Hospital-Univ of South Carolina Sch of Med

*Program Director:*

Roger C Taylor, MD  
 USC School of Medicine Children's Hospital  
 Dept of Pediatrics  
 5 Richland Medical Pk ACC2 Area K  
 Columbia, SC 29203  
 803 376-4041

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)*Subspecialties:* PHO**Program ID:** 320-45-21-220**Greenville****Greenville Hospital System Program**

Greenville Hospital System

*Program Director:*

John P Matthews Jr, MD  
 Greenville Hospital System  
 701 Grove Rd  
 Greenville, SC 29605-4295  
 803 455-7879

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 320-45-12-221**Tennessee****Chattanooga****University of Tennessee College of Medicine at Chattanooga Program\***

University of Tennessee College of Medicine-Chattanooga

T C Thompson Children's Hospital Medical Center

*Program Director:*

Billy S Arant Jr, MD  
 Chattanooga Unit-University of Tennessee College of Medicine  
 T C Thompson Children's Hospital  
 910 Blackford St  
 Chattanooga, TN 37403  
 615 778-6185

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 320-47-11-222**Johnson City****East Tennessee State University Program**

James H Quillen College of Medicine

Johnson City Medical Center Hospital

*Program Director:*

Festus O Adebajo, MD  
 James H Quillen College of Medicine  
 East Tennessee State University  
 PO Box 70578  
 Johnson City, TN 37614-0578  
 615 929-6222

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)**Program ID:** 320-47-21-381**Knoxville****University of Tennessee Medical Center at Knoxville Program**

University of Tennessee Graduate School of Medicine

University of Tennessee Memorial Hospital

*Program Director:*

Patricia A Mohr, MD  
 University of Tennessee Graduate School of Medicine  
 Dept of Pediatrics  
 1924 Alcoa Hwy  
 Knoxville, TN 37920  
 615 544-9320

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 320-47-21-396

\* Updated information not provided.

## Memphis

### University of Tennessee Program

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center  
Regional Medical Center at Memphis  
St Jude Children's Research Hospital

*Program Director:*

Russell W Chesney, MD  
Le Bonheur Children's Medical Center  
50 N Dunlap

Memphis, TN 38103-2893  
901 572-3106

*Length:* 3 Year(s) *Total Positions:* 98 (GYI: 14)

*Subspecialties:* CCP,NPM,PDC,PDE,PHO,PN

**Program ID: 320-47-31-225**

## Nashville

### Vanderbilt University Program

Vanderbilt University Medical Center  
Metropolitan Nashville General Hospital

*Program Director:*

Rachel L Mace, MD  
Vanderbilt University Hospital  
Dept of Pediatrics  
AA-0216 MCN

Nashville, TN 37232-2574  
615 322-3377

*Length:* 3 Year(s) *Total Positions:* 52 (GYI: 16)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

**Program ID: 320-47-21-227**

## Texas

### Amarillo

#### Texas Tech University (Amarillo) Program

Texas Tech University Health Sciences Center at Amarillo  
Northwest Texas Health Care System

*Program Director:*

Marita A Sheehan, MD  
Texas Tech University Health Sciences Center  
Dept of Pediatrics  
1400 Wallace Blvd  
Amarillo, TX 79106

806 354-5432

*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 4)

**Program ID: 320-48-21-370**

### Austin

#### Central Texas Medical Foundation Program

Central Texas Medical Foundation  
Brackenridge Hospital

*Program Director:*

George A Edwards, MD  
Children's Hospital of Austin  
Dept of Pediatrics  
601 E 15th St  
Austin, TX 78701

512 480-1565

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 6)

**Program ID: 320-48-31-228**

## Corpus Christi

### Driscoll Children's Hospital Program

Driscoll Children's Hospital

*Program Director:*

Don P Wilson, MD  
Driscoll Children's Hospital  
3533 S Alameda  
PO Drawer 6530  
Corpus Christi, TX 78466-6530

512 850-5465

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 12)

**Program ID: 320-48-11-229**

## Dallas

### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial  
Hospital

*Program Director:*

Charles M Ginsburg, MD  
University of Texas Southwestern Medical School  
5323 Harry Hines Blvd  
Dallas, TX 75235-9063

214 648-3563

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 24)

*Subspecialties:* CCP,NPM,PDC,PG,PHO,PN

**Program ID: 320-48-21-230**

## El Paso

### Texas Tech University (El Paso) Program

Texas Tech University Health Sciences Center at El Paso  
R E Thomason General Hospital

*Program Director:*

Gilbert A Handal, MD  
Texas Tech University Health Science Center  
4800 Alberta  
El Paso, TX 79905

915 545-6787

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

**Program ID: 320-48-11-234**

### William Beaumont Army Medical Center Program\*

William Beaumont Army Medical Center

*Program Director:*

Robert D Restuccia, MD  
Pediatric Dept  
Bradley Bldg  
El Paso, TX 79920-5001

915 569-2589

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 5)

**Program ID: 320-48-11-008**

## Fort Sam Houston

### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

Col John D Roscelli, MD  
Brooke Army Medical Center  
Attn: HSH-E-DP  
1950 Stanley Rd  
Fort Sam Houston, TX 78234-6320

210 916-9024

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID: 320-48-12-009**

## Galveston

### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Susan E Keeney, MD  
The University of Texas Medical Branch  
Children's Hospital  
Rm C3-54  
Galveston, TX 77555-0354

409 747-0534

*Length:* 3 Year(s) *Total Positions:* 42 (GYI: 15)

*Subspecialties:* NPM,PDE,PHO,PN

**Program ID: 320-48-11-231**

## Houston

### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General  
Hospital  
Texas Children's Hospital

*Program Director:*

Ralph D Feigin, MD  
Dept of Pediatrics  
One Baylor Plaza  
Houston, TX 77030

713 770-1170

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 34)

*Subspecialties:* CCP,NPM,PDC,PDE,PDP,PG,PHO,PN

**Program ID: 320-48-21-232**

### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Children's Hospital at Houston  
Lyndon B Johnson General Hospital

*Program Director:*

Sharon S Crandell, MD  
University of Texas Health Science Center at Houston  
6431 Fannin St MSB 3.244  
Houston, TX 77030

713 792-5330

*Length:* 3 Year(s) *Total Positions:* 45 (GYI: 15)

*Subspecialties:* NPM,PDE,PHO,PN

**Program ID: 320-48-21-233**

## Lackland AFB

### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Col James R Smalley, MD  
Wilford Hall Medical Center  
Lackland AFB  
San Antonio, TX 78236-5300

210 670-7347

*Length:* 3 Year(s) *Total Positions:* 22 (GYI: 8)

*Subspecialties:* NPM

**Program ID: 320-48-21-003**

## Lubbock

### Texas Tech University (Lubbock) Program

Texas Tech University Health Sciences Center at Lubbock  
University Medical Center

*Program Director:*

Surendra K Varma, MD  
Texas Tech University Health Sciences Center  
Dept of Pediatrics  
Lubbock, TX 79430

806 743-2322

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)

**Program ID: 320-48-21-260**

\* Updated information not provided.

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Santa Rosa Health Care Corporation  
University Hospital-South Texas Medical Center

*Program Director:*

Robert J Nolan Jr, MD  
University of Texas Health Science Center

Dept of Pediatrics  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7816  
210 567-5185

*Length:* 3 Year(s) *Total Positions:* 49 (GYI: 17)

*Subspecialties:* PDE,PHO

**Program ID: 320-48-21-235**

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital

*Program Director:*

Bess G Gold, MD  
Texas A&M-Scott and White

Graduate Med Educ  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID: 320-48-21-236**

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
Primary Children's Medical Center

*Program Director:*

Richard A Molteni, MD  
University of Utah Center for Health Sciences

Dept of Pediatrics-2A152 UUMC  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-5000

*Length:* 3 Year(s) *Total Positions:* 54 (GYI: 21)

*Subspecialties:* CCP,NPM,PDP,PHO

**Program ID: 320-49-21-237**

**Vermont****Burlington****Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont

*Program Director:*

Ann P Guillot, MD  
University of Vermont College of Medicine

Department of Pediatrics  
Given Medical Bldg A-121  
Burlington, VT 05405-0068  
802 656-3544

*Length:* 3 Year(s) *Total Positions:* 18 (GYI: 6)

*Subspecialties:* NPM

**Program ID: 320-50-11-238**

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Richard W Kesler, MD  
University of Virginia Hospitals Dept of Pediatrics

Box 386  
Charlottesville, VA 22908

804 924-2357

*Length:* 3 Year(s) *Total Positions:* 32 (GYI: 10)

*Subspecialties:* CCP,NPM,PDC,PDE,PN

**Program ID: 320-51-11-239**

**Norfolk****Eastern Virginia Graduate School of Medicine Program**

Eastern Virginia Graduate School of Medicine  
Children's Hospital of the King's Daughters

*Program Director:*

Clarence W Gowen Jr, MD  
Children's Hospital of The King's Daughters

Eastern Virginia Medical School  
601 Children's Ln

Norfolk, VA 23507

804 668-7293

*Length:* 3 Year(s) *Total Positions:* 43 (GYI: 16)

**Program ID: 320-51-21-240**

**Portsmouth****Naval Medical Center (Portsmouth) Program\***

Naval Medical Center (Portsmouth)

*Program Director:*

Capt David M Norris, MD  
Dept of Pediatrics

Naval Hospital

Portsmouth, VA 23708-5000

804 398-7358

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 7)

**Program ID: 320-51-21-014**

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University

Medical College of Virginia Hospitals

*Program Director:*

Richard M Schieken, MD  
MCV/Virginia Commonwealth Univ

PO Box 980646

Richmond, VA 23298-0646

804 828-9602

*Length:* 3 Year(s) *Total Positions:* 47 (GYI: 16)

*Subspecialties:* CCP,NPM,PDC,PN

**Program ID: 320-51-21-241**

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
University of Washington Medical Center

*Program Director:*

Richard P Shugerman, MD  
Housestaff Office Dept of Pediatrics

Children's Hospital and Medical Ctr  
PO Box C-5371

Seattle, WA 98105-0371

206 526-2525

*Length:* 3 Year(s) *Total Positions:* 63 (GYI: 21)

*Subspecialties:* CCP,NPM,PDP,PHO,PN

**Program ID: 320-54-21-358**

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center

*Program Director:*

Marvin S Krober, MD

Commander

Madigan Army Medical Center

Attn: HSHJ-P (Dept of Pediatrics)

Tacoma, WA 98431-5000

206 968-0220

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 5)

**Program ID: 320-54-11-010**

**West Virginia****Charleston****West Virginia University (Charleston Division) Program**

Charleston Area Medical Center

*Program Director:*

Kathleen V Previll, MD

Dept of Pediatrics

Robert C Byrd HSC/WVU/Charleston

830 Pennsylvania Ave #104

Charleston, WV 25302

304 342-8272

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID: 320-55-21-243**

**Huntington****Marshall University School of Medicine Program**

Marshall University School of Medicine  
Cabell Huntington Hospital

*Program Director:*

James M Waldeck, MD

Marshall University School of Medicine

Dept of Pediatrics

Huntington, WV 25755-9440

304 696-7065

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID: 320-55-21-380**

\* Updated information not provided.



## Morgantown

### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

William A Neal, MD

Robert C Byrd Health Sciences Center

Morgantown, WV 26506-921

304 293-4451

*Length:* 3 Year(s) *Total Positions:* 10 (*GYI:* 4)

*Subspecialties:* NPM,PDC

*Program ID:* 320-55-11-245

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

Meriter Hospital

*Program Director:*

David B Allen, MD

University of Wisconsin Hospitals and Clinics

Dept of Pediatrics H4/449 CSC

600 Highland Ave

Madison, WI 53792-4108

608 263-5835

*Length:* 3 Year(s) *Total Positions:* 37 (*GYI:* 13)

*Subspecialties:* CCP,NPM,PDE,PDP,PG,PHO,PN

*Program ID:* 320-56-21-247

### Marshfield

#### University of Wisconsin (Marshfield) Program

Marshfield Clinic-St Joseph's Hospital

*Program Director:*

Stephen F Wagner, MD

Marshfield Clinic

Dept Pediatrics 1A4

1000 N Oak Ave

Marshfield, WI 54449-5777

715 387-5267

*Length:* 3 Year(s) *Total Positions:* 12 (*GYI:* 4)

*Program ID:* 320-56-31-248

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

Children's Hospital of Wisconsin

*Program Director:*

Timothy R Schum, MD

Children's Hospital of Wisconsin Office Building

Medical Education Section MS 755

9000 W Wisconsin Ave PO Box 1997

Milwaukee, WI 53226-1997

414 266-6800

*Length:* 3 Year(s) *Total Positions:* 61 (*GYI:* 20)

*Subspecialties:* CCP,NPM,PDP,PG,PHO

*Program ID:* 320-56-21-249

## Pediatric Cardiology (Pediatrics)

## California

### Los Angeles

#### Childrens Hospital of Los Angeles Program

Childrens Hospital of Los Angeles

*Program Director:*

Alan B Lewis, MD

Childrens Hospital of Los Angeles

PO Box 54700

Los Angeles, CA 90054

213 669-4637

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 325-05-11-001

#### UCLA Medical Center Program

UCLA School of Medicine

UCLA Medical Center

*Program Director:*

Samuel Kaplan, MD

University of California Los Angeles

Dept of Pediatrics

Div of Cardiology

Los Angeles, CA 90024-1752

310 206-3487

*Length:* 2 Year(s) *Total Positions:* 10

*Program ID:* 325-05-21-002

### San Diego

#### University of California (San Diego) Program

University of California (San Diego) Medical Center

*Program Director:*

Abraham Rothman, MD

University of California (San Diego) Medical Center

8445

200 W Arbor Dr

San Diego, CA 92103

619 543-5649

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 325-05-11-003

### San Francisco

#### University of California (San Francisco) Program

University of California (San Francisco) School of

Medicine

University of California (San Francisco) Medical Center

*Program Director:*

David F Teitel, MD

University of California (San Francisco)

Div of Pediatric Cardiology

Box 0130 Rm M-1345

San Francisco, CA 94143-0130

415 476-8488

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 325-05-21-004

## Stanford

### Stanford University Program

Stanford University Hospital

*Program Director:*

Daniel Bernstein, MD

Pediatric Cardiology

750 Welch Rd

Ste 305

Palo Alto, CA 94304-0124

415 723-7913

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 325-05-21-062

## Colorado

### Denver

#### University of Colorado Program\*

University of Colorado Health Sciences Center

Children's Hospital

*Program Director:*

James W Wiggins Jr, MD

Children's Hospital

1056 E 19th Ave

Box B 100

Denver, CO 80218-1088

303 861-6820

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 325-07-21-054

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital

*Program Director:*

Charles S Kleinman, MD

Yale University School of Medicine

Dept of Pediatrics

333 Cedar St

New Haven, CT 06510

203 785-2022

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 325-08-11-006

## District of Columbia

### Washington

#### George Washington University Program\*

George Washington University School of Medicine

Children's National Medical Center

*Program Director:*

Gerard R Martin, MD

Children's National Medical Center Cardiology Dept

111 Michigan Ave NW

Washington, DC 20010

202 884-2020

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 325-10-21-007

#### Georgetown University Program

Georgetown University Hospital

*Program Director:*

Stephen R Shapiro, MD

Georgetown University Hospital

3800 Reservoir Rd NW

Washington, DC 20007

202 687-6871

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 325-10-21-063

\* Updated information not provided.

**Florida****Gainesville**

**University of Florida Program**  
University of Florida College of Medicine  
Shands Hospital at the University of Florida  
*Program Director:*  
Richard L. Bucciarelli, MD  
University of Florida College of Medicine  
PO Box 100296  
Gainesville, FL 32610-0296  
904 392-6431  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 325-11-11-008

**Miami**

**University of Miami-Jackson Memorial Medical Center Program**  
University of Miami-Jackson Memorial Medical Center  
*Program Director:*  
Henry Gelband, MD  
Jackson Memorial Hospital  
1611 NW 12th Ave  
Miami, FL 33136  
305 585-6659  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 325-11-21-009

**Georgia****Atlanta**

**Emory University Program\***  
Emory University School of Medicine  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children  
*Program Director:*  
David W. Jones, MD  
The Children's Heart Center  
2040 Ridgewood Dr NE  
Atlanta, GA 30322  
404 248-5111  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 325-12-21-010

**Augusta**

**Medical College of Georgia Program**  
Medical College of Georgia Hospital and Clinics  
*Program Director:*  
William B. Strong, MD  
Medical College of Georgia Hospitals and Clinics  
Pediatric Cardiology  
1120 15th St BAA800W  
Augusta, GA 30912-3710  
706 721-2336  
*Length:* 2 Year(s)  
**Program ID:** 325-12-11-011

**Illinois****Chicago**

**McGaw Medical Center of Northwestern University Program**  
Northwestern University Medical School  
Children's Memorial Medical Center  
*Program Director:*  
D. Woodrow Benson Jr, MD PhD  
Div of Cardiology #21  
Children's Memorial Hospital  
2300 Children's Plaza  
Chicago, IL 60614  
312 880-4553  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 325-16-11-013

**University of Illinois College of Medicine at Chicago/Christ Hospital Program\***

University of Illinois College of Medicine at Chicago  
EHS Christ Hospital and Medical Center  
*Program Director:*  
Anthony Cutilletta, MD  
The Heart Institute for Children  
11800 Southwest Hwy  
Palos Heights, IL 60463  
708 361-5915  
*Length:* 2 Year(s)  
**Program ID:** 325-16-21-067

**Indiana****Indianapolis**

**Indiana University Medical Center Program**  
Indiana University Medical Center  
*Program Director:*  
Roger A. Hurwitz, MD  
Indiana University Medical Center Riley Research Rm  
126  
702 Barnhill Dr  
One Children's Sq  
Indianapolis, IN 46202-5225  
317 274-8906  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 325-17-11-017

**Iowa****Iowa City**

**University of Iowa Hospitals and Clinics Program**  
University of Iowa Hospitals and Clinics  
*Program Director:*  
Larry T. Mahoney, MD  
University of Iowa Hospitals and Clinics  
Dept of Pediatrics  
Iowa City, IA 52242-1009  
319 356-2837  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 325-18-11-018

**Louisiana****New Orleans**

**Tulane University Program**  
Tulane University School of Medicine  
Alton Ochsner Medical Foundation  
Tulane University Hospital and Clinics  
*Program Director:*  
Arthur S. Pickoff, MD  
Dept of Pediatric Cardiology  
1415 Tulane Ave HC-80  
New Orleans, LA 70112-2699  
504 588-5012  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 325-21-21-064

**Maryland****Baltimore**

**Johns Hopkins University Program**  
Johns Hopkins University School of Medicine  
Johns Hopkins Hospital  
*Program Director:*  
Samuel B. Ritter, MD  
The Johns Hopkins University  
600 N Wolfe St Brady 516  
Baltimore, MD 21287  
410 955-5987  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 325-23-11-021

**Massachusetts****Boston**

**Harvard Medical School Program\***  
Children's Hospital  
*Program Director:*  
James E. Lock, MD  
Children's Hospital  
300 Longwood Ave  
Boston, MA 02115  
617 735-6721  
*Length:* 2 Year(s) *Total Positions:* 31  
**Program ID:** 325-24-11-022

**Michigan****Ann Arbor**

**University of Michigan Program**  
University of Michigan Hospitals  
*Program Director:*  
Amnon Rosenthal, MD  
C S Mott Children's Hospital  
1500 E Medical Center Dr F 1310  
Ann Arbor, MI 48109-0204  
313 936-8993  
*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 325-25-11-023

\* Updated information not provided.

## Detroit

### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan

*Program Director:*

William W Pinsky, MD  
Children's Hospital of Michigan  
3901 Beaubien  
Detroit, MI 48201-2186  
313 745-5831

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 325-25-21-061

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Albert P Rocchini, MD  
Univ of Minnesota Hosp and Clinics Dept of Ped  
Cardiology  
420 Delaware St SE  
Minneapolis, MN 55455  
612 626-2755

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 325-26-21-024

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
St Mary's Hospital of Rochester

*Program Director:*

Co-burn J Porter, MD  
Mayo Graduate School of Medicine Application  
Processing Ctr  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-3297

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 325-26-21-025

## Missouri

### St Louis

#### Washington University Program

St Louis Children's Hospital

*Program Director:*

Angela M Sharkey, MD  
Children's Hospital  
Div of Cardiology  
One Children's Pl  
St Louis, MO 63110  
314 454-6095

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 325-28-11-027

## New York

### Brooklyn

#### SUNY Health Science Center at Brooklyn Program\*

SUNY HSC at Brooklyn College of Medicine  
Brookdale Hospital Medical Center  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*

Dov B Nudel, MD  
SUNY Health Science Center at Brooklyn Div  
Peds-Cardiology  
450 Clarkson Ave Box 1200  
Brooklyn, NY 11203  
718 270-2881

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 325-35-21-059

### Manhasset

#### North Shore University Hospital Program

North Shore University Hospital

*Program Director:*

Rubin S Cooper, MD  
North Shore University Hospital  
Pediatric Cardiology  
300 Community Dr  
Manhasset, NY 11030  
516 562-3078

*Length:* 2 Year(s) *Total Positions:* 1  
*Program ID:* 325-35-21-069

### New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

Fredrick Z Bierman, MD  
Schneider Children's Hospital  
Long Island Jewish Medical Center  
New Hyde Park, NY 11040  
718 470-7351

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 325-35-21-030

### New York

#### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Richard J Golinko, MD  
Mount Sinai Medical Center  
One Gustave L Levy Place Box 1201  
Div of Pediatric Cardiology  
New York, NY 10029  
212 241-8662

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 325-35-11-060

#### New York Hospital/Cornell Medical Center Program\*

New York Hospital

*Program Director:*

Deborah M Friedman, MD  
Pediatric Cardiology  
New York Hospital  
525 E 68th St Rm N-134  
New York City, TX 10021  
212 746-3566

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 325-35-11-032

### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*

Michael Artman, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-7774

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 325-35-21-033

### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Welton M Gersony, MD  
Columbia University College of Physicians and Surgeons  
630 W 168th St  
New York, NY 10032  
212 305-8509

*Length:* 2 Year(s) *Total Positions:* 10  
*Program ID:* 325-35-11-034

### Rochester

#### University of Rochester Program\*

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Edward B Clark, MD  
Strong Memorial Hospital  
Dept of Pediatrics Box 631  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-4661

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 325-35-21-035

### Syracuse

#### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at  
Syracuse

Crouse-Irving Memorial Hospital

*Program Director:*

Winston E Gaum, MD  
Ste 804  
725 Irving Ave  
Syracuse, NY 13210  
315 470-7487

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 325-35-21-053

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

Arthur Garson Jr, MD MPH  
Duke University Medical Center  
PO Box 3090  
Durham, NC 27710  
919 681-2958

*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 325-36-11-037

\* Updated information not provided.

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

Children's Hospital Medical Center

*Program Director:*

David C Schwartz, MD

Div of Cardiology

Children's Hospital Medical Center

3333 Burnet Ave

Cincinnati, OH 45229-3039

513 559-4432

*Length:* 2 Year(s) *Total Positions:* 10**Program ID:** 325-38-11-038**Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland

*Program Director:*

Kenneth G Zahka, MD

Rainbow Babies and Childrens Hospital

Div of Pediatric Cardiology

11100 Euclid Ave

Cleveland, OH 44106-6011

216 844-3275

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 325-38-11-039**Columbus****Ohio State University Program\***

Ohio State University Medical Center

Children's Hospital

*Program Director:*

Hugh D Allen, MD

Div/Section of Cardiology

Children's Hospital

700 Children's Dr

Columbus, OH 43205

614 461-2600

*Length:* 2 Year(s)**Program ID:** 325-38-21-070**Oregon****Portland****Oregon Health Sciences University Program\***

Oregon Health Sciences University Hospital

*Program Director:*

David J Sahn, MD

Oregon Health Sciences University

Dept of Pediatrics

3181 SW Sam Jackson Park Rd

Portland, OR 97201

503 494-8094

*Length:* 2 Year(s)**Program ID:** 325-40-11-040**Pennsylvania****Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program\***

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Barry G Baylen, MD

Milton S Hershey Medical Center

Dept of Pediatrics

PO Box 850

Hershey, PA 17033

717 531-8674

*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 325-41-21-066**Philadelphia****St Christopher's Hospital for Children Program**

St Christopher's Hospital for Children

*Program Director:*

Richard M Donner, MD

Pediatric Heart Institute

St Christopher's Hosp for Children

Erie Ave at Front St

Philadelphia, PA 19134-1095

215 427-5106

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 325-41-11-042**University of Pennsylvania Program**

Children's Hospital of Philadelphia

*Program Director:*

Paul M Weinberg, MD

Children's Hospital of Philadelphia

Div of Card One Children's Ctr

34th &amp; Civic Center Blvd

Philadelphia, PA 19104

215 590-3274

*Length:* 2 Year(s) *Total Positions:* 13**Program ID:** 325-41-11-041**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh

Children's Hospital of Pittsburgh

*Program Director:*

F Jay Fricker, MD

Children's Hosp of Pittsburgh Dept of Cardiology

3705 5th Ave

One Children's Pl

Pittsburgh, PA 15213-2583

412 692-5540

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 325-41-11-043**South Carolina****Charleston****Medical University of South Carolina Program**Medical University of South Carolina College of Medicine  
MUSC Medical Center*Program Director:*

Paul C Gillette, MD

Medical University of South Carolina

Div of Pediatric Cardiology

171 Ashley Ave

Charleston, SC 29425-0680

803 792-3287

*Length:* 2 Year(s) *Total Positions:* 11**Program ID:** 325-45-11-044**Tennessee****Memphis****University of Tennessee Program**University of Tennessee College of Medicine  
LeBonheur Children's Medical Center*Program Director:*

Bruce S Alpert, MD

Le Bonheur Children's Medical Center

Div of Pediatric Cardiology

777 Washington Ave Ste 215

Memphis, TN 38105

901 572-3380

*Length:* 2 Year(s)**Program ID:** 325-47-21-057**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*

Thomas P Graham Jr, MD

Vanderbilt Medical Center

Div of Pediatric Cardiology

D-2220 MCN

Nashville, TN 37232-2572

615 322-7447

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 325-47-11-045**Texas****Dallas****University of Texas Southwestern Medical School Program**University of Texas Southwestern Medical School  
Children's Medical Center of Dallas*Program Director:*

David E Fixler, MD

University of Texas Southwestern Medical Center

Dept of Pediatrics

5323 Harry Hines Blvd

Dallas, TX 75235-9063

214 640-2333

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 325-48-21-068

\* Updated information not provided.

## Houston

### Baylor College of Medicine Program

Baylor College of Medicine  
Texas Children's Hospital

*Program Director:*

John T Bricker, MD  
Pediatric Cardiology MC 2-2280  
Texas Children's Hospital  
6621 Fannin  
Houston, TX 77030  
713 770-5600

*Length:* 2 Year(s) *Total Positions:* 16

*Program ID:* 325-48-11-047

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Howard P Gutgesell, MD  
Pediatrics Box 386  
University of Virginia Health  
Science Center

Charlottesville, VA 22908

804 924-2486

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 325-51-21-050

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth  
University

Medical College of Virginia Hospitals

*Program Director:*

Richard M Schieken, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980026  
Richmond, VA 23298-0026  
804 828-1374

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 325-51-11-051

## West Virginia

### Morgantown

#### West Virginia University Program\*

West Virginia University Hospitals

*Program Director:*

Stanley Einzig, MD PhD  
West Virginia University  
Pediatric Cardiology  
2200 Health Science Center N  
Morgantown, WV 26506  
304 293-7036

*Length:* 2 Year(s)

*Program ID:* 325-55-21-068

## Pediatric Critical Care Medicine (Pediatrics)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama

*Program Director:*

Samuel J Tilden, MD  
Children's Hospital of Alabama  
1600 Seventh Ave S  
ACC 504  
Birmingham, AL 35233  
205 939-9387

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 323-01-21-040

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center

*Program Director:*

Robert A Berg, MD  
Dept of Pediatrics (Critical Care)  
Univ of Arizona Health Sciences Ctr  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-5485

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 323-03-21-063

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
University Hospital of Arkansas

*Program Director:*

Debra H Fiser, MD  
Arkansas Children's Hospital  
800 Marshall St  
Little Rock, AR 72202-3591  
501 320-1845

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 323-04-21-006

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Ronald M Perkin, MD  
Loma Linda University School of Medicine  
Pediatric Critical Care Medicine  
11262 Campus/West Hall CC PICU  
Loma Linda, CA 92354  
909 824-4250

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 323-05-31-057

### Los Angeles

#### Childrens Hospital of Los Angeles Program

Childrens Hospital of Los Angeles

*Program Director:*

Christopher J L Newth, MB FRCP(C)  
Childrens Hospital of Los Angeles  
Div of Pediatric Intensive Care  
4650 Sunset Blvd MS12  
Los Angeles, CA 90027  
213 669-2557

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 323-05-31-047

#### UCLA Medical Center Program

UCLA School of Medicine  
Long Beach Memorial Medical Center  
UCLA Medical Center

*Program Director:*

Judith E Brill, MD  
Div of Critical Care  
Dept of Pediatrics  
UCLA School of Medicine  
Los Angeles, CA 90024-1752  
310 825-8752

*Length:* 2 Year(s) *Total Positions:* 7

*Program ID:* 323-05-21-023

## San Diego

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Children's Hospital and Health Center

*Program Director:*

Bradley M Peterson, MD  
3020 Children's Way  
MC 5065  
San Diego, CA 92123  
619 576-5863

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 323-05-21-042

\* Updated information not provided.

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
Children's Hospital Medical Center of Northern California  
University of California (San Francisco) Medical Center  
*Program Director:*  
Scott J Solfer, MD  
Timothy Yeh, MD  
Medical Ctr at the University of California San Francisco  
Dept of Pediatrics Box 0106  
505 Parnassus Ave Moffitt 680  
San Francisco, CA 94143-0106  
415 476-5153  
*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 323-05-21-021

**Stanford****Stanford University Program**

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford  
*Program Director:*  
Lorry R Frankel, MD  
Stanford University  
Dept of Pediatrics  
Stanford, CA 94305  
415 723-5495  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 323-05-21-056

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center  
Children's Hospital of Orange County  
LAC-King/Drew Medical Center  
*Program Director:*  
Dan M Cooper, MD  
Harbor-University of California Los Angeles Medical Center  
1000 W Carson St Box 491  
Torrance, CA 90509  
310 222-4002  
*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 323-05-21-033

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Children's Hospital  
National Jewish Ctr for Immunology and Respiratory Medicine  
*Program Director:*  
Kurt R Stenmark, MD  
Desmond B Henry, MD  
University of Colorado Health Science Center  
Box B-131  
4200 E Ninth Ave  
Denver, CO 80262  
303 270-4499  
*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 323-07-21-034

**Connecticut****New Haven****Yale-New Haven Medical Center Program\***

Yale-New Haven Hospital  
*Program Director:*  
George Lister, MD  
Yale University School of Medicine  
Dept of Pediatrics  
333 Cedar St  
New Haven, CT 06520-8064  
203 785-4651  
*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 323-08-21-036

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
*Program Director:*  
Peter R Holbrook, MD  
Children's National Medical Center  
111 Michigan Ave NW  
Dept of Critical Care Medicine  
Washington, DC 20010-2970  
202 884-2130  
*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 323-10-21-035

**Georgetown University Program**

Georgetown University Hospital  
*Program Director:*  
Gabriel J Hauser, MD  
Georgetown University Program  
Div of Pediatric Critical Care Med  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 784-2468  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 323-10-21-058

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
*Program Director:*  
Salvatore R Goodwin, MD  
University of Florida College of Medicine  
PO Box 100254 JHMHC  
Gainesville, FL 32610-0254  
904 395-0077  
*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 323-11-21-020

**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)  
Baptist Medical Center (UFHSC/J)  
*Program Director:*  
Michael O Gayle, MD  
University of Florida Health Science Center/Jacksonville  
Pediatric Critical Care Medicine  
655 W Eighth St  
Jacksonville, FL 32209  
904 549-3054  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 323-11-21-045

**Miami****Miami Children's Hospital Program**

Miami Children's Hospital  
*Program Director:*  
Jack Wolfsdorf, MD  
Miami Children's Hospital  
Critical Care Medicine  
6125 SW 31st St  
Miami, FL 33155  
305 662-2639  
*Length:* 2 Year(s) *Total Positions:* 8  
*Program ID:* 323-11-21-061

**University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center  
*Program Director:*  
Charles L Schlein, MD  
University of Miami School of Medicine  
Dept of Pediatrics (R-131)  
PO Box 016960  
Miami, FL 33101  
305 585-6051  
*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 323-11-21-012

**Georgia****Atlanta****Emory University Program\***

Emory University School of Medicine  
Henrietta Eggleston Hospital for Children  
*Program Director:*  
Jean A Wright, MD  
Pediatric Critical Care  
Eggleston Children's Hosp at Emory  
Univ/1405 Clifton Rd NE  
Atlanta, GA 30322  
404 325-6397  
*Length:* Year(s)  
*Program ID:* 323-12-21-030

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
*Program Director:*  
Curt M Steinhart, MD  
Medical College of Georgia  
1120 15th St  
BAA 8415  
Augusta, GA 30912-3758  
706 721-4402  
*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 323-12-21-010

\* Updated information not provided.

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program\*

Northwestern University Medical School  
Children's Memorial Medical Center

*Program Director:*

Zehava L Noahnstein, MD  
Children's Memorial Hospital  
2300 Children's Plaza Box #73  
Chicago, IL 60614  
312 880-4780

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 323-16-21-032

#### Rush Medical College Program\*

Rush Medical College  
Cook County Hospital  
Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

William Hayden, MD  
Rush Med Coll  
1653 W Congress Pkwy  
Murdock Rm 622  
Chicago, IL 60612  
312 942-6194

*Length:* Year(s)  
**Program ID:** 323-16-21-065

#### University of Chicago Program

Wyler Children's Hospital at the University of Chicago

*Program Director:*

Brian F Rudinsky, MD  
Wyler Children's Hospital  
University of Chicago Medical Ctr  
5841 S Maryland Ave MC4064  
Chicago, IL 60637-1470  
312 702-9659

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-16-21-031

### Park Ridge

#### Lutheran General Hospital Program

Lutheran General Hospital

*Program Director:*

Suresh Havalad, MD  
Lutheran General Children's Medical Center  
Pediatric ICU  
1775 Dempster St  
Park Ridge, IL 60068  
708 696-7682

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 323-16-21-046

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Donald H Shaffner, MD  
The Johns Hopkins Hospital  
600 N Wolfe St  
Halsted 842  
Baltimore, MD 21287-5842  
410 955-2448

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 323-23-21-009

## Massachusetts

### Boston

#### Harvard Medical School Program

Children's Hospital

*Program Director:*

Robert C Pascucci, MD  
Children's Hospital  
MICU Office Farley 517  
300 Longwood Ave  
Boston, MA 02115  
617 735-7327

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-24-21-019

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

1 David Todres, MD  
Massachusetts General Hospital  
Neonatal & Pediatric ICU  
Ellison 317  
Boston, MA 02114  
617 724-4380

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-24-21-048

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Joseph R Custer, MD  
University of Michigan Medical Center  
F6884 Mott/0243  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0718  
313 764-5302

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 323-25-21-008

### Detroit

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan

*Program Director:*

Ashok P Sarnaik, MD  
Children's Hospital of Michigan  
3901 Beaubien Blvd  
Detroit, MI 48201-2196  
313 745-5629

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 323-25-21-039

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

David N Cornfield, MD  
University of Minnesota  
Box 737 Mayo Memorial Bldg  
420 Delaware St SE  
Minneapolis, MN 55455  
612 626-2916

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-26-21-005

## Missouri

### St Louis

#### Washington University Program

Washington University School of Medicine  
St Louis Children's Hospital

*Program Director:*

J Julio Perez Fontan, MD  
St Louis Children's Hospital  
Critical Care Medicine  
One Children's Pl  
St Louis, MO 63110  
314 454-2527

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-28-21-060

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center  
St Christopher's Hospital for Children

*Program Director:*

Frank A Briglia, MD  
Cooper Hospital/University Medical Center  
Pediatric Critical Care Center  
Three Cooper Plaza Ste 520  
Camden, NJ 08103-1489  
609 342-2546

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 323-33-31-049

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Children's Hospital of New Jersey

*Program Director:*

Dianne M SinQuee, MD  
Children's Hospital of New Jersey  
Div of Pediatric Critical Care  
15 S Ninth St  
Newark, NJ 07107  
201 268-4722

*Total Positions:* 2  
**Program ID:** 323-33-21-043

## New York

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

Edward E Conway Jr, MD  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467  
718 920-4999

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 323-35-21-004

\* Updated information not provided.

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Children's Hospital of Buffalo

*Program Director:*  
Michele C Papo, MD  
Children's Hospital of Buffalo  
Dept of Pediatric Critical Care Med  
219 Bryant St  
Buffalo, NY 14222  
716 878-7442

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-35-31-055

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*  
Mayer Sagy, MD  
Schneider Children's Hosp  
Long Island Jewish Medical Center  
Critical Care Medicine  
New Hyde Park, NY 11042  
718 470-3330

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 323-35-32-059

**New York****New York Hospital/Cornell Medical Center Program**

New York Hospital

*Program Director:*  
Daniel A Notterman, MD  
New York Hospital-Cornell Medical Center  
Div of Pediatric Critical Care Med  
525 E 68th St N 309  
New York, NY 10021  
212 746-3275

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-35-21-037

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester

*Program Director:*  
Jeffrey S Rubenstein, MD  
University of Rochester Medical Center  
Pediatric Intensive Care Unit  
601 Elmwood Ave Box 667  
Rochester, NY 14642  
716 275-8138

*Length:* 2 Year(s)  
**Program ID:** 323-35-21-053

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*  
Lewis H Romer, MD  
University of North Carolina  
509 Burnett-Womack Bldg  
Dept of Pediatrics CB #7220  
Chapel Hill, NC 27599-7220  
919 966-7495

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 323-36-21-016

**Durham****Duke University Program**

Duke University Medical Center

*Program Director:*  
William J Greeley, MD  
Duke University Medical Center  
Box 3046  
Durham, NC 27710  
919 681-3543

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 323-36-21-038

**Ohio****Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland  
MetroHealth Medical Center

*Program Director:*  
Jeffrey L Blumer, MD PhD  
Rainbow Babies and Children's Hospital  
Div of Pediatric Critical Care  
11100 Euclid Ave  
Cleveland, OH 44106-6010  
216 844-3310

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 323-38-21-051

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*  
Michael J McHugh, MD  
Cleveland Clinic Foundation  
Dept of Pediatric Critical Care  
9500 Euclid Ave TF32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 323-38-31-052

**Columbus****Ohio State University Program\***

Ohio State University Medical Center  
Children's Hospital

*Program Director:*  
Steven E Haun, MD  
Children's Hospital  
Section of Critical Care Medicine  
700 Children's Dr  
Columbus, OH 43205  
614 461-2531

*Length:* 2 Year(s)  
**Program ID:** 323-38-31-054

**Pennsylvania****Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program\***

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*  
Steven E Lucking, MD  
Dept of Pediatrics/Box 850  
Milton S Hershey Med Ctr  
Hershey, PA 17033  
717 531-5336

*Length:* Year(s)  
**Program ID:** 323-41-21-066

**Philadelphia****University of Pennsylvania Program**

Children's Hospital of Philadelphia

*Program Director:*  
Andrew T Costarino, MD  
Children's Hospital of Philadelphia  
34th & Civic Center Blvd  
Philadelphia, PA 19104-4399  
215 590-1871

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 323-41-21-014

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh

*Program Director:*  
Ann E Thompson, MD  
Children's Hospital of Pittsburgh  
3705 Fifth Ave at Desoto St  
Pittsburgh, PA 15213-2583  
412 692-5164

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 323-41-21-028

**Tennessee****Memphis****University of Tennessee Program\***

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center

*Program Director:*  
Stephanie Storgion, MD  
Le Bonheur Children's Medical Center  
848 Adams Ave  
Memphis, TN 38103  
901 522-3132

*Length:* 2 Year(s)  
**Program ID:** 323-47-21-027

**Nashville****Vanderbilt University Program\***

Vanderbilt University Medical Center

*Program Director:*  
Jayant K Deshpande, MD  
T-0118 MCN VUMC  
Vanderbilt University Medical Ctr  
Nashville, TN 37232-2591  
615 343-0000

*Length:* 2 Year(s)  
**Program ID:** 323-47-21-062

\* Updated information not provided.



## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

Daniel L Levin, MD  
Children's Medical Center  
Medical Director PICU  
1935 Motor St  
Dallas, TX 75235  
214 640-2360

*Length:* 2 Year(s) *Total Positions:* 11  
*Program ID:* 323-48-21-041

### Houston

#### Baylor College of Medicine Program\*

Baylor College of Medicine  
Texas Children's Hospital

*Program Director:*

Larry S Jefferson, MD  
Baylor College of Medicine Dept of Pediatrics  
Critical Care Section  
One Baylor Plaza  
Houston, TX 77030-2399  
713 770-6230

*Length:* 2 Year(s) *Total Positions:* 7  
*Program ID:* 323-48-31-044

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Primary Children's Medical Center

*Program Director:*

Madolin Witte, MD  
University of Utah Medical Center  
Dept of Pediatrics  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 588-3280

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 323-49-21-003

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Kathryn L Weise, MD  
University of Virginia Health Sciences Center  
Children's Medical Center  
Box 386  
Charlottesville, VA 22908  
804 982-1707

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 323-51-21-026

## Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University  
Medical College of Virginia Hospitals

*Program Director:*

John J Mickell, MD  
Medical College of Virginia Hospital  
Box 980530  
Richmond, VA 23298-0530  
804 828-4955

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 323-51-21-025

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Children's Hospital and Medical Center

*Program Director:*

P Pearl O'Rourke, MD  
Children's Hospital and Medical Center  
4800 Sand Point Way NE CH-05  
Seattle, WA 98105  
206 526-2170

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 323-54-21-013

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

*Program Director:*

Jerry J Zimmerman, MD PhD  
University of Wisconsin-Madison  
H4/470 Clinical Sci Ctr  
600 Highland Ave  
Madison, WI 53792-4108  
608 263-8537

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 323-56-21-001

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin

*Program Director:*

Peter L Havens, MD  
Children's Hospital of Wisconsin  
9000 W Wisconsin Ave  
PO Box 1997  
Milwaukee, WI 53201-1997  
414 266-3360

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 323-56-21-002

## Pediatric Endocrinology (Pediatrics)

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
University Hospital of Arkansas

*Program Director:*

Stephen F Kemp, MD PhD  
Arkansas Children's Hospital  
800 Marshall St  
Little Rock, AR 72202-3591  
501 370-1430

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 326-04-21-040

## California

### Los Angeles

#### Childrens Hospital of Los Angeles Program

Childrens Hospital of Los Angeles

*Program Director:*

Thomas F Roe, MD  
Childrens Hospital Los Angeles  
Div of Endocrinology MS #61  
4650 Sunset Blvd  
Los Angeles, CA 90027  
213 660-2282

*Length:* 2 Year(s) *Total Positions:* 1  
*Program ID:* 326-05-11-001

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Mitchell E Geffner, MD  
Div of Endocrinology  
Dept of Pediatrics  
UCLA School of Medicine  
Los Angeles, CA 90024-1752  
310 825-6496

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 326-05-21-003

### San Diego

#### University of California (San Diego) Program\*

University of California (San Diego) Medical Center  
Children's Hospital and Health Center

*Program Director:*

Kenneth Lee Jones, MD  
University of California San Diego Medical Center  
225 Dickinson St  
San Diego, CA 92103  
619 534-6730

*Length:* 2 Year(s)  
*Program ID:* 326-05-31-004

\* Updated information not provided.

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Melvin M Grumbach, MD  
University of California (San Francisco)  
Dept of Pediatrics Box 0434  
San Francisco, CA 94143-0434  
415 476-2244

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 326-05-21-005

**Stanford****Stanford University Program**

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford

*Program Director:*

Raymond L Hintz, MD  
Stanford University Medical Center  
Dept of Pediatrics  
Room S-322  
Stanford, CA 94305  
415 723-5791

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-05-21-055

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Jo Anne Brasel, MD  
1000 W Carson St  
Box 446  
Torrance, CA 90509-2910  
310 222-1971

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-05-11-006

**Colorado****Denver****University of Colorado Program\***

University of Colorado Health Sciences Center  
Children's Hospital

*Program Director:*

Michael S Kappy, MD  
Children's Hospital  
1056 E 19th Ave/Box B-265  
Denver, CO 80218-1088  
303 861-6061

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-07-21-007

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Newington Children's Hospital  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

Susan K Ratzan, MD  
University of Connecticut School of Medicine  
Pediatric Endocrinology  
263 Farmington Ave  
Farmington, CT 06030  
203 679-2218

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-08-21-054

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital

*Program Director:*

Thomas O Carpenter, MD  
Yale University School of Medicine  
Pediatric Endocrinology 3103 LMP  
PO Box 208064  
New Haven, CT 06520-8064  
203 785-4648

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 326-08-21-053

**District of Columbia****Washington****Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center  
USUHS F Edward Herbert School of Medicine

*Program Director:*

Gary Francis, MD  
Uniformed Services University of the Health Sciences  
4301 Jones Bridge Rd  
Bethesda, MD 20814  
202 576-0055

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-10-11-041

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

Janet H Silverstein, MD  
J Hillis Miller Health Center  
Box 100296  
Gainesville, FL 32610-0296  
904 334-1390

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 326-11-31-008

**Tampa****University of South Florida Program\***

University of South Florida College of Medicine  
All Children's Hospital

*Program Director:*

Allen W Root, MD  
John I Malone, MD  
All Children's Hospital  
801 Sixth St S  
St Petersburg, FL 33629  
813 892-4237

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-11-21-048

**Georgia****Atlanta****Emory University Program\***

Emory University School of Medicine  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

John S Parks, MD PhD  
Emory University School of Medicine Dept of Pediatrics  
2040 Ridgewood Dr NE  
Atlanta, GA 30322  
404 727-5753

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-12-21-042

**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Children's Memorial Medical Center

*Program Director:*

Bernard L Silverman, MD  
Children's Memorial Hospital  
Div of Endocrinology  
2300 Children's Plaza #54  
Chicago, IL 60614  
312 880-4440

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 326-16-21-060

**University of Chicago Program**

Wyler Children's Hospital at the University of Chicago

*Program Director:*

Robert L Rosenfield, MD  
Wyler Children's Hospital at the University of Chicago  
5825 S Maryland Ave MC5053  
Chicago, IL 60637-1470  
312 702-6432

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 326-16-11-010

**University of Illinois College of Medicine at Chicago Program\***

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*

Songya Pang, MD  
University of Illinois at Chicago  
Div of Pediatric Endocrinology  
840 S Wood St M/C 856  
Chicago, IL 60612  
312 996-1795

*Length:* 2 Year(s) *Total Positions:*

**Program ID:** 326-16-31-062

\* Updated information not provided.

## Maywood

### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago

*Program Director:*

W Patrick Zeller, MD  
Loyola University of Chicago  
Pediatric Endocrinology  
2160 S First Ave  
Maywood, IL 60153  
708 327-9086

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-16-21-058

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center

*Program Director:*

Scott A Rivkees, MD  
Indiana University Medical Center  
702 Barnhill Dr  
Riley Hospital Rm 5984  
Indianapolis, IN 46202-5225  
317 274-3889

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 326-17-21-052

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Eva Tsalikian, MD  
University of Iowa Hospitals and Clinics  
Dept of Pediatrics  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-1833

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-18-11-011

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Gary D Berkovitz, MD  
Johns Hopkins Hospital  
600 N Wolfe St CMSC 3-110  
Baltimore, MD 21287-3311  
410 955-6463

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-23-21-012

#### University of Maryland Program

University of Maryland Medical System

*Program Director:*

A Avinoam Kowarski, MD  
22 South Greene Street N5E13  
Baltimore, MD 21201  
410 328-3410

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-23-21-013

## Bethesda

### NICHD/Georgetown University Program\*

NIH Warren Grant Magnuson Clinical Center  
Georgetown University Hospital

*Program Director:*

George P Chrousos, MD  
Building 10 Room 10-N-262  
National Institutes of Health  
Bethesda, MD 20892  
301 496-4686

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 326-23-21-056

## Massachusetts

### Boston

#### Harvard Medical School Program

Children's Hospital

*Program Director:*

Joseph A Majzoub, MD  
Children's Hospital/Harvard Medical School  
300 Longwood Ave  
Boston, MA 02115  
617 735-6421

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 326-24-11-014

#### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Lynne L Levitsky, MD  
Massachusetts General Hospital  
Pediatric Endocrine Unit  
15 Parkman St BHX-4  
Boston, MA 02114  
617 726-5790

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 326-24-31-015

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Nancy J Hopwood, MD  
Dept of Pediatrics  
University of Michigan Med Center  
D3252 MPB Box 0718  
Ann Arbor, MI 48109-0718  
313 764-5175

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-25-21-016

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

David M Brown, MD  
University of Minnesota Hospital and Clinics  
Box 404 UMHC  
516 Delaware St SE  
Minneapolis, MN 55455  
612 624-5409

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 326-26-21-043

## Rochester

### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
St Mary's Hospital of Rochester

*Program Director:*

Donald Zimmerman, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-3379

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-26-21-017

## Missouri

### Kansas City

#### University of Missouri at Kansas City Program\*

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital

*Program Director:*

Campbell P Howard, MD  
Endocrinology  
Children's Mercy Hospital  
2401 Gillham Rd  
Kansas City, MO 64108-9898  
816 234-3072

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-28-11-018

## St Louis

#### Washington University Program

St Louis Children's Hospital

*Program Director:*

Julio V Santiago, MD  
St Louis Children's Hospital Washington Univ Medical Center  
One Children's Pl  
St Louis, MO 63110  
314 454-6046

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 326-28-11-019

## New York

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Paul Saenger, MD  
Albert Einstein College of Medicine/Montefiore Med Ctr  
111 E 210th St  
Bronx, NY 10467-2490  
718 920-4664

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-35-21-020

\* Updated information not provided.

**Brooklyn****Maimonides Medical Center Program**

Maimonides Medical Center

*Program Director:*

Marco Danon, MD

Dept of Pediatrics

Maimonides Medical Center

4802 Tenth Ave

Brooklyn, NY 11219

718 283-7500

*Length:* 2 Year(s)**Program ID: 326-35-31-064****SUNY Health Science Center at Brooklyn Program\***

SUNY HSC at Brooklyn College of Medicine

Brookdale Hospital Medical Center

Kings County Hospital Center

University Hospital-SUNY Health Science Center at

Brooklyn

*Program Director:*

Eduardo Orti, MD

State University of New York Health Science Ctr at

Brooklyn

450 Clarkson Ave

Box 49

Brooklyn, NY 11203

718 270-2957

*Length:* 2 Year(s) *Total Positions:* 4**Program ID: 326-35-21-022****Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education

Consortium

Children's Hospital of Buffalo

*Program Director:*

Margaret H MacGillivray, MD

Children's Hospital of Buffalo

219 Bryant St

Buffalo, NY 14222

716 878-7588

*Length:* 2 Year(s) *Total Positions:* 2**Program ID: 326-35-21-021****Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Phyllis W Speiser, MD

North Shore University Hospital

300 Community Dr

Manhasset, NY 11030

516 562-4635

*Length:* 2 Year(s) *Total Positions:* 2**Program ID: 326-35-21-044****Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital

*Program Director:*

Mariano Castro-Magana, MD

Winthrop-University Hospital

107 Mineola Blvd

Mineola, NY 11501

516 294-6171

*Length:* 2 Year(s) *Total Positions:* 3**Program ID: 326-35-31-057****New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center

Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

Dennis Carey, MD

Long Island Jewish Med Ctr Schneider Children's

Hospital

Pediatric Endocrinology

New Hyde Park, NY 11042

718 470-3290

*Length:* 2 Year(s) *Total Positions:* 3**Program ID: 326-35-21-050****New York****Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine

Mount Sinai Medical Center

*Program Director:*

Fredda Ginsberg-Fellner, MD

Mount Sinai School of Medicine Box 1198

One Gustave L Levy Pl

New York, NY 10029-6574

212 241-6936

*Length:* 2 Year(s) *Total Positions:* 3**Program ID: 326-35-11-023****New York Hospital/Cornell Medical Center Program**

New York Hospital

*Program Director:*

Maria I New, MD

New York Hospital/Cornell Med Ctr Dept of Pediatrics

525 E 68th St

New York, NY 10021

212 746-3450

*Length:* 2 Year(s) *Total Positions:* 12**Program ID: 326-35-21-049****New York University Medical Center Program**

New York University Medical Center

Bellevue Hospital Center

*Program Director:*

Raphael David, MD

New York University Medical Center

550 First Ave

New York, NY 10016

212 263-6462

*Length:* 2 Year(s) *Total Positions:* 3**Program ID: 326-35-21-045****Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Richard W Furlanetto, MD PhD

Strong Memorial Hospital

601 Elmwood Ave

Rochester, NY 14642

716 275-7744

*Length:* 2 Year(s)**Program ID: 326-35-21-024****Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook

Nassau County Medical Center

*Program Director:*

Thomas A Wilson, MD

Dept of Pediatrics at SUNY

Stony Brook, NY 11794-8111

516 444-2700

*Length:* 2 Year(s) *Total Positions:* 6**Program ID: 326-35-21-061****Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at

Syracuse

Crouse-Irving Memorial Hospital

*Program Director:*

Robert A Richman, MD

State University of New York Health Science Center

Dept of Pediatrics

750 E Adams St

Syracuse, NY 13210-2330

315 464-6064

*Length:* 2 Year(s) *Total Positions:* 1**Program ID: 326-35-21-046****North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Louis E Underwood, MD

University of North Carolina School of Medicine

Dept of Pediatrics

509 Burnett-Womack Bldg CB#7220

Chapel Hill, NC 27599-7220

919 966-4435

*Length:* 2 Year(s) *Total Positions:* 5**Program ID: 326-36-21-025****Durham****Duke University Program**

Duke University Medical Center

*Program Director:*

Michael S Freemark, MD

Duke University Medical Center

306 Bell Bldg Box 3080

Durham, NC 27710

919 684-3772

*Length:* 2 Year(s) *Total Positions:* 1**Program ID: 326-36-21-026****Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

Children's Hospital Medical Center

*Program Director:*

Steven D Chernausek, MD

Children's Hospital Medical Center

3333 Burnet Ave

Cincinnati, OH 45229-3039

513 559-4209

*Length:* 2 Year(s) *Total Positions:* 3**Program ID: 326-38-21-027**

\* Updated information not provided.

## Cleveland

### Case Western Reserve University Program

University Hospitals of Cleveland

*Program Director:*

William T Dahms, MD

Ruth P Owen, MD

Rainbow Babies and Children's Hospital

2101 Adelbert Rd

Cleveland, OH 44106

216 844-3661

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-38-21-028

## Columbus

### Ohio State University Program\*

Ohio State University Medical Center

Children's Hospital

*Program Director:*

William B Zipf, MD

Children's Hospital

Div of Pediatric Endocrinology

700 Children's Dr

Columbus, OH 43206-2696

614 461-2023

*Length:* 2 Year(s)

**Program ID:** 326-38-21-063

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program\*

University of Oklahoma College of Medicine-Oklahoma City

Children's Hospital of Oklahoma

*Program Director:*

Piers Blackett, MD

Children's Hospital of Oklahoma

940 NE 13th St

Rm 2 B-251

Oklahoma City, OK 73104

405 271-6765

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-39-11-030

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital

*Program Director:*

Stephen H LaFranchi, MD

Oregon Health Sciences University

Dept of Pediatrics (L343)

3181 SW Sam Jackson Park Rd

Portland, OR 97201

503 494-1927

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-40-12-031

## Pennsylvania

### Philadelphia

#### St Christopher's Hospital for Children Program\*

St Christopher's Hospital for Children

*Program Director:*

Iraj Rezvani, MD

St Christopher's Hospital for Children

Erie Ave at Front St

Philadelphia, PA 19134-1095

215 427-5179

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-41-12-047

#### University of Pennsylvania Program

Children's Hospital of Philadelphia

*Program Director:*

Thomas Moshang Jr, MD

Children's Hospital of Philadelphia

34th & Civic Center Blvd

Philadelphia, PA 19104

215 590-3173

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 326-41-21-032

## Pittsburgh

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh

Children's Hospital of Pittsburgh

*Program Director:*

Thomas P Foley Jr, MD

Children's Hospital of Pittsburgh

3705 Fifth Ave at DeSoto St

Pittsburgh, PA 15213-2583

412 692-5176

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-41-21-033

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital

*Program Director:*

Philip A Gruppuso, MD

Dept of Pediatrics

Rhode Island Hospital

593 Eddy St

Providence, RI 02903

401 444-5504

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-43-21-034

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine

LeBonheur Children's Medical Center

*Program Director:*

George A Burghen, MD

Le Bonheur Children's Medical Center

Div of Endocrinology/Metabolism

50 N Dunlap

Memphis, TN 38103

901 572-3302

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-47-31-035

## Nashville

### Vanderbilt University Program

Vanderbilt University Medical Center

*Program Director:*

Rodney A Lorenz, MD

Vanderbilt University School of Medicine

T-0107 Medical Center N

Nashville, TN 37232-2579

615 322-7427

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-47-21-036

## Texas

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals

*Program Director:*

Bruce S Keenan, MD

University of Texas Medical Branch Hospitals

Children's Hospital Pedi-Endocrine

301 University Blvd

Galveston, TX 77555-0363

409 772-3365

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 326-48-11-037

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine

Texas Children's Hospital

*Program Director:*

John L Kirkland, MD

Baylor College of Medicine

Dept of Pediatrics

One Baylor Plaza

Houston, TX 77030-3498

713 798-4793

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 326-48-21-051

#### University of Texas at Houston Program

University of Texas Medical School at Houston

Hermann Hospital

Lyndon B Johnson General Hospital

*Program Director:*

William J Riley, MD

Dept of Pediatrics

Univ of Texas Medical School

PO Box 20708

Houston, TX 77025

713 792-5330

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 326-48-21-066

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio

University Hospital-South Texas Medical Center

*Program Director:*

Mark M Danney, MD

University of Texas Health Science Center

Dept of Pediatrics-Endocrinology

7703 Floyd Curl Dr

San Antonio, TX 78284-7806

210 228-3612

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 326-48-21-038

\* Updated information not provided.

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

Alan D Rogol, MD PhD

Chief Div of Pediatric Endocrinology &amp; Metabolism

University of Virginia Hospitals

Box 386

Charlottesville, VA 22908

804 924-5895

*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 326-51-11-039**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics

*Program Director:*

Michael J MacDonald, MD

3459 Med Sci Ctr

University of Wisconsin Sch of Med

1300 University Ave

Madison, WI 53706

608 262-1195

*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 326-56-21-059**Pediatric  
Gastroenterology  
(Pediatrics)****Alabama****Birmingham****University of Alabama Medical Center  
Program\***

University of Alabama School of Medicine

Children's Hospital of Alabama

*Program Director:*

Frank A Franklin Jr, MD PhD

Div of Ped Gastroenterology &amp; Nutrition

1600 7th Ave South Ste 740

Birmingham, AL 35233

205 934-6558

*Length:* 2 Year(s)**Program ID:** 332-01-21-001**Arkansas****Little Rock****University of Arkansas for Medical  
Sciences Program\***

University of Arkansas College of Medicine

Arkansas Children's Hospital

*Program Director:*

Donald M Mock, MD PhD

Sect of Gastroenterology

800 Marshall St

Little Rock, AR 72202-3591

501 320-5346

*Length:* 2 Year(s)**Program ID:** 332-04-21-002**California****San Francisco****University of California (San Francisco)  
Program\***

University of California (San Francisco) School of

Medicine

University of California (San Francisco) Medical Center

*Program Director:*

Melvin B Heyman, MD

Div of Pediatric Gastrointestinal &amp; Nutrition

Uni of California (San Francisco)

MU 4-East 500 Parnassus Ave

San Francisco, CA 94143-0136

415 476-5892

*Length:* 2 Year(s)**Program ID:** 332-05-21-047**Stanford****Stanford University Program\***

Stanford University Hospital

Lucile Salter Packard Children's Hospital at Stanford

*Program Director:*

Kenneth Cox, MD

William Berquist, MD

Dept of Pediatric Gastroenterology &amp; Nutrition

Stanford Univ Med Ctr

Stanford, CA 94305-5119

415 723-5070

*Length:* 2 Year(s)**Program ID:** 332-05-11-005**Colorado****Denver****University of Colorado Program\***

University of Colorado Health Sciences Center

Children's Hospital

Denver Health and Hospitals

*Program Director:*

Ronald J Sokol, MD

Sect of Pediatric Gastroenterology &amp; Nutrition

Children's Hosp

1056 E 19th Ave

Denver, CO 80218

303 861-6669

*Length:* 2 Year(s)**Program ID:** 332-07-21-006**Connecticut****New Haven****Yale-New Haven Medical Center  
Program\***

Yale-New Haven Hospital

*Program Director:*

Frederick J Suchy, MD

Dept of Pediatrics

Yale Univ Schl of Med

333 Cedar Str

New Haven, CT 06510-8064

203 785-4649

*Length:* 2 Year(s)**Program ID:** 332-08-21-007**District of Columbia****Washington****George Washington University Program\***

Children's National Medical Center

*Program Director:*

Benny Kerzner, MD

Dept of Gastroenterology &amp; Nutrition

Children's National Med Cntr

111 Michigan Ave NW Ste 4277

Washington, DC 20010

202 884-3031

*Length:* 2 Year(s)**Program ID:** 332-10-21-008

\* Updated information not provided.

## Florida

### Gainesville

#### University of Florida Program\*

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

Joel M Andres, MD  
Univ of Florida Coll of Med  
Dept of Pediatric Gastroenterology  
PO Box 100296  
Gainesville, FL 32610-0296  
904 392-6410

*Length:* 2 Year(s)

**Program ID:** 332-11-21-011

## Illinois

### Chicago

#### University of Chicago Program\*

University of Chicago Hospitals

*Program Director:*

Peter F Whittington, MD  
The Univ of Chicago  
Dept of Pediatrics  
5841 S Maryland Ave MC #4065  
Chicago, IL 60637-1470  
312 702-6418

*Length:* 2 Year(s)

**Program ID:** 332-16-21-012

## Indiana

### Indianapolis

#### Indiana University Medical Center Program\*

Indiana University Medical Center

*Program Director:*

Joseph F Fitzgerald, MD  
Dept of Pediatrics  
James Whitcomb Riley Hosp for Child  
702 Barnhill Dr Rm 2728  
Indianapolis, IN 46202-5225  
317 274-3774

*Length:* 2 Year(s)

**Program ID:** 332-17-21-013

## Maryland

### Baltimore

#### Johns Hopkins University Program\*

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Kathleen B Schwarz, MD  
Johns Hopkins Hosp  
Brady 320 600 N Wolfe St  
Baltimore, MD 21287  
410 955-8769

*Length:* 2 Year(s)

**Program ID:** 332-23-21-016

## Bethesda

#### Walter Reed Army Medical Center Program\*

USUHS F Edward Herbert School of Medicine  
Walter Reed Army Medical Center

*Program Director:*

John Stephen Latimer, MD  
Dept of Clinical Pediatrics  
USUHS-Dept of Pediatrics  
4301 Jones Bridge Rd  
Bethesda, MD 20814  
202 576-0056

*Length:* 2 Year(s)

**Program ID:** 332-10-21-010

## Massachusetts

### Boston

#### Harvard Medical School Program\*

Children's Hospital  
Massachusetts General Hospital

*Program Director:*

W Allan Walker, MD  
Dept of Pediatrics & Nutrition/ Harvard Med Schl  
Massachusetts Gen Hosp-East  
Bldg 149 13th St  
Charlestown, MA 02129  
617 726-7988

*Length:* 2 Year(s)

**Program ID:** 332-24-31-018

#### New England Medical Center Hospitals Program\*

New England Medical Center Hospitals

*Program Director:*

Richard J Grand, MD  
Dept Pediatric Gastroenterology & Nutrition  
New England Med Cntr  
750 Washington Str NEMC #213  
Boston, MA 02111  
617 956-0130

*Length:* 2 Year(s)

**Program ID:** 332-24-21-017

## Michigan

### Ann Arbor

#### University of Michigan Program\*

University of Michigan Hospitals

*Program Director:*

A Craig Hillemeier, MD  
Dept of Pediatrics  
Univ of Michigan Med Ctr  
107 Simpson Dr/0200  
Ann Arbor, MI 48109-0200  
313 763-9650

*Length:* 2 Year(s)

**Program ID:** 332-25-21-019

## Detroit

#### Wayne State University/Detroit Medical Center Program\*

Wayne State University School of Medicine  
Children's Hospital of Michigan

*Program Director:*

Vasundhara Tolia, MD  
Dept of Pediatrics  
3901 Beaubien Blvd  
Detroit, MI 48201  
313 745-5585

*Length:* 2 Year(s)

**Program ID:** 332-25-21-020

## Minnesota

### Minneapolis

#### University of Minnesota Program\*

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Harvey L Sharp, MD  
Dept of Pediatric Gastroenterology & Nutrition  
Univ of Minnesota/PO Box 279 UMHC  
516 Delaware St SE  
Minneapolis, MN 55455  
612 624-1133

*Length:* 2 Year(s)

**Program ID:** 332-26-21-048

### Rochester

#### Mayo Graduate School of Medicine Program\*

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
St Mary's Hospital of Rochester

*Program Director:*

Jean Perrault, MD  
Dept of Pediatrics  
Mayo Clinic  
200 First St SW  
Rochester, MN 55905  
507 284-2511

*Length:* 2 Year(s)

**Program ID:** 332-26-21-021

## Missouri

### St Louis

#### St Louis University Group of Hospitals Program\*

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital

*Program Director:*

Robert E Kane III, MD  
Dept of Pediatric Gastroenterology  
Cardinal Glennon Children's Hosp  
1465 S Grand Blvd  
St Louis, MO 63104  
314 577-5647

*Length:* 2 Year(s)

**Program ID:** 332-28-21-022

\* Updated information not provided.

**Washington University Program**

Washington University Program  
St Louis Childrens Hospital

*Program Director:*  
David H Perlmutter, MD  
Dept of Pediatrics  
Washington University Schl of Medicine  
One Children's Pl  
St Louis, MO 63110  
314 454-6033  
*Length:* 2 Year(s)  
**Program ID:** 332-28-31-023

**Nebraska****Omaha****University of Nebraska/Creighton University Program\***

University of Nebraska Medical Center  
Childrens Memorial Hospital  
*Program Director:*  
Jon A Vanderhoof, MD  
Joint Sect of Pediatric Gastroenterology & Nutrition  
8300 Dodge St Ste 330  
Omaha, NE 68114  
402 390-3560  
*Length:* 2 Year(s)  
**Program ID:** 332-30-21-024

**New York****Manhasset****North Shore University Hospital Program\***

North Shore University Hospital  
*Program Director:*  
Fredric Daum, MD  
Stanley Fisher, MD  
Div of Pediatric Gastroenterology & Nutrition  
North Shore Univ Hosp  
300 Community Dr  
Manhasset, NY 11030  
516 562-4642  
*Length:* 2 Year(s)  
**Program ID:** 332-35-31-027

**New York****Mount Sinai School of Medicine Program A\***

Mount Sinai School of Medicine  
Mount Sinai Medical Center  
*Program Director:*  
Neal S LeLeiko, MD PhD  
Mount Sinai Schl of Med  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-5415  
*Length:* 2 Year(s)  
**Program ID:** 332-35-11-028

**New York Hospital/Cornell Medical Center Program\***

New York Hospital  
*Program Director:*  
Joseph Levy, MD  
Dept of Clinical Pediatrics  
New York Hosp-Cornell Med Ctr  
525 E 68th St N821  
New York, NY 10021  
212 746-3520  
*Length:* 2 Year(s)  
**Program ID:** 332-35-32-029

**Presbyterian Hospital in the City of New York Program\***

Presbyterian Hospital in the City of New York  
*Program Director:*  
Richard J Deckelbaum, MD  
Dept of Pediatrics  
Div of Gastroenterology & Nutrition  
630 W 168th St  
New York, NY 10032  
212 305-7082  
*Length:* 2 Year(s)  
**Program ID:** 332-35-21-030

**Valhalla****New York Medical College at Westchester County Medical Center Program\***

New York Medical College  
Lincoln Medical and Mental Health Center  
Westchester County Medical Center  
*Program Director:*  
Steven M Schwarz, MD  
Dept of Pediatrics & Nutrition  
New York Med Coll  
Munger Pavilion Rm 101  
Valhalla, NY 10595  
*Length:* 2 Year(s)  
**Program ID:** 332-35-31-031

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program\***

University of North Carolina Hospitals  
*Program Director:*  
Martin H Ulshen, MD  
Dept of Pediatric Gastroenterology  
Univ of N Carolina at Chapel Hill  
CB#7220 310 Burnett-Womack Bldg  
Chapel Hill, NC 27599-7220  
919 966-1343  
*Length:* 2 Year(s)  
**Program ID:** 332-36-21-032

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program\***

Children's Hospital Medical Center  
*Program Director:*  
William F Balistreri, MD  
Div of Pediatric Gastroenterology & Nutrition  
Children's Hospital Med Ctr  
Elland and Bethesda Aves  
Cincinnati, OH 45229-2899  
513 559-4594  
*Length:* 2 Year(s)  
**Program ID:** 332-38-21-033

**Cleveland****Case Western Reserve University Program A\***

University Hospitals of Cleveland  
*Program Director:*  
John Timothy Boyle, MD  
Div of Pediatric Gastroenterology & Nutrition  
Rainbow Babies & Children's Hosp  
Rm 706 2101 Adelbert Rd  
Cleveland, OH 44106  
216 844-1767  
*Length:* 2 Year(s)  
**Program ID:** 332-38-11-035

**Cleveland Clinic Foundation Program\***

Cleveland Clinic Foundation  
*Program Director:*  
Robert Wyllie, MD  
Sect of Pediatric Gastroenterology & Nutrition  
The Cleveland Clinic Found  
9500 Euclid Ave  
Cleveland, OH 44195  
216 444-2237  
*Length:* 2 Year(s)  
**Program ID:** 332-38-31-034

**Columbus****Ohio State University Program\***

Children's Hospital  
*Program Director:*  
H Juhling McClung, MD  
Sect of Gastroenterology/Dept of Pediatrics  
Columbus Children's Hosp  
700 Children's Dr  
Columbus, OH 43205  
614 461-2996  
*Length:* 2 Year(s)  
**Program ID:** 332-38-32-036

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program\***

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma  
*Program Director:*  
John E Grunow, MD  
Dept of Pediatric Gastroenterology & Nutrition  
Children's Hosp of Oklahoma  
PO Box 26307  
Oklahoma City, OK 73126  
405 271-5884  
*Length:* 2 Year(s)  
**Program ID:** 332-39-21-037

**Pennsylvania****Philadelphia****Temple University Program\***

St Christopher's Hospital for Children  
*Program Director:*  
Jonathan A Flick, MD  
Sect of Gastroenterology & Nutrition  
St Christopher's Hosp for Children  
Erie Ave at Front St  
Philadelphia, PA 19134-1095  
215 427-5181  
*Length:* 2 Year(s)  
**Program ID:** 332-41-31-039

\* Updated information not provided.



### University of Pennsylvania Program\*

Children's Hospital of Philadelphia

*Program Director:*

David A Piccoli, MD

Dept of Pediatric Gastroenterology

The Children's Hosp of Philadelphia

34th St and Civic Ctr Blvd

Philadelphia, PA 19104

215 590-1680

*Length:* 2 Year(s)

*Program ID:* 332-41-21-038

### Pittsburgh

#### University Health Center of Pittsburgh Program\*

Children's Hospital of Pittsburgh

University Health Center of Pittsburgh

*Program Director:*

Samuel A Kocoshis, MD

Dept of Pediatric Gastroenterology

Children's Hosp of Pittsburgh

3705 Fifth Ave at DeSoto St

Pittsburgh, PA 15213-2583

412 692-5180

*Length:* 2 Year(s)

*Program ID:* 332-41-21-040

### Rhode Island

#### Providence

##### Brown University Program\*

Rhode Island Hospital

Women and Infants Hospital of Rhode Island

*Program Director:*

Joel W Adelson, MD PhD

Div of Pediatric Gastroenterology & Nutrition

Rhode Island Hosp MP-126

593 Eddy St

Providence, RI 02903

401 444-8306

*Length:* 2 Year(s)

*Program ID:* 332-43-21-041

### Tennessee

#### Nashville

##### Vanderbilt University Program\*

Vanderbilt University Medical Center

*Program Director:*

Fayez K Ghishan, MD

Dept of Pediatrics & Molecular Physiology & Biophysics

Vanderbilt Univ Schl of Med

21st & Garland S-4322 Med Ctr N

Nashville, TN 37232-2576

615 322-7449

*Length:* 2 Year(s)

*Program ID:* 332-47-21-042

### Texas

#### Dallas

##### University of Texas Southwestern Medical School Program\*

University of Texas Southwestern Medical School

Children's Medical Center of Dallas

Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*

John M Andersen, MD

Div of Pediatric Gastroenterology & Nutrition

Children's Med Ctr of Dallas

1935 Motor St

Dallas, TX 75235

214 640-8000

*Length:* 2 Year(s)

*Program ID:* 332-48-11-045

#### Houston

##### Baylor College of Medicine Program\*

Baylor College of Medicine

Harris County Hospital District-Ben Taub General Hospital

Texas Children's Hospital

*Program Director:*

William J Klish, MD

Dept of Pediatrics Baylor Coll of Med

Texas Children's Hosp

6621 Fannin St MC: 3-3391

Houston, TX 77030-2399

713 770-3607

*Length:* 2 Year(s)

*Program ID:* 332-48-21-043

### Wisconsin

#### Madison

##### University of Wisconsin Program\*

University of Wisconsin Hospital and Clinics

*Program Director:*

Glenn R Gourley,

Univ of Wisconsin Weisman Ctr Rm 609

1500 Highland Ave

Madison, WI 53705-2280

608 263-9166

*Length:* 2 Year(s)

*Program ID:* 332-56-31-049

#### Milwaukee

##### Medical College of Wisconsin Program\*

Medical College of Wisconsin Affiliated Hospitals Inc

Children's Hospital of Wisconsin

*Program Director:*

Steven L Werlin, MD

Dept of Pediatrics

Med Coll of Wisconsin

8701 Watertown Plank Rd

Milwaukee, WI 53226

414 266-4193

*Length:* 2 Year(s)

*Program ID:* 332-56-21-046

## Pediatric Hematology/Oncology (Pediatrics)

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program

University of Alabama Hospital

Children's Hospital of Alabama

*Program Director:*

Robert P Castleberry, MD

University of Alabama Medical Center

Children's Hospital 651

1600 7th Ave S

Birmingham, AL 35233

205 939-9285

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 327-01-21-043

#### Mobile

##### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Yih-Ming Yang, MD

University of South Alabama Medical Center

2451 Fillingim St

Mobile, AL 36617

205 471-7335

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 327-01-21-061

### California

#### Los Angeles

##### Childrens Hospital of Los Angeles Program\*

Childrens Hospital of Los Angeles

*Program Director:*

Yves A De Clerck, MD

Division of Hematology/Oncology Mailstop #54

Childrens Hospital of Los Angeles

4650 Sunset Blvd

Los Angeles, CA 90027

213 669-2205

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 327-05-11-001

##### UCLA Medical Center Program

UCLA School of Medicine

UCLA Medical Center

*Program Director:*

Stephen A Feig, MD

Div of Hematology/Oncology

Dept of Pediatrics

UCLA School of Medicine

Los Angeles, CA 90024-1762

310 825-6708

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 327-05-21-003

\* Updated information not provided.

**University of Southern California Program\***

Los Angeles County-USC Medical Center

*Program Director:*

Darleen Powars, MD

Los Angeles County-University of S California Medical Center

1129 N State St

Los Angeles, CA 90033

213 226-3853

*Length:* 2 Year(s)*Program ID:* 327-05-11-002**Oakland****Children's Hospital Medical Center of Northern California Program\***

Children's Hospital Medical Center of Northern California

*Program Director:*

Joseph E Addiego Jr, MD

Children's Hospital Medical Center at Northern California

747 52nd St

Oakland, CA 94609

510 428-3377

*Length:* 2 Year(s) *Total Positions:* 4*Program ID:* 327-05-31-056**Orange****Children's Hospital of Orange County Program**Children's Hospital of Orange County  
University of California (Irvine) Medical Center*Program Director:*

Mitchell S Cairo, MD

Children's Hospital of Orange County

455 S Main St

Orange, CA 92668-3874

714 532-8548

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 327-05-21-057**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

Jonathan M Ducore, MD

Dept of Pediatrics

UC Davis Medical Center

2516 Stockton Blvd

Sacramento, CA 95817

916 734-2782

*Length:* 2 Year(s) *Total Positions:* 1*Program ID:* 327-05-11-005**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine

San Francisco General Hospital Medical Center

University of California (San Francisco) Medical Center

*Program Director:*

William C Mentzer, MD

San Francisco General Hospital Medical Center

1001 Potrero Rm 6-B-9

San Francisco, CA 94110

415 206-8000

*Length:* 2 Year(s) *Total Positions:* 4*Program ID:* 327-05-21-006**Stanford****Stanford University Program**

Stanford University Hospital

Lucille Salter Packard Children's Hospital at Stanford

*Program Director:*

Bertil E Glader, MD PhD

Stanford University School of Medicine

Dept of Pediatrics

Div of Hematology/Oncology

Stanford, CA 94305-5119

415 723-5535

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 327-05-21-004**Colorado****Denver****University of Colorado Program**University of Colorado Health Sciences Center  
Children's Hospital*Program Director:*

Robert L Garcea, MD

University of Colorado Health Sciences Center

4200 E Ninth Ave

A-036/B-115

Denver, CO 80262

303 861-6772

*Length:* 2 Year(s) *Total Positions:* 8*Program ID:* 327-07-21-007**Connecticut****New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital

*Program Director:*

Diana S Beardsley, MD PhD

Yale-New Haven Hospital

333 Cedar St LMP 4087

PO Box 208064

New Haven, CT 06520-8064

203 785-4640

*Length:* 2 Year(s) *Total Positions:* 3*Program ID:* 327-08-21-008**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine

Children's National Medical Center

*Program Director:*

Gregory H Reaman, MD

Children's National Medical Center

111 Michigan Ave NW

Washington, DC 20010

202 884-2147

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 327-10-21-009**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

Col David A. Maybee, MD

Chief Pediatric Hematology/Oncology

Walter Reed Army Medical Center

6825 16th St NW

Washington, DC 20307-5001

202 782-0421

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 327-10-21-044**Florida****Gainesville****University of Florida Program\***

University of Florida College of Medicine

Nemours Children's Clinic (UFHSC/J)

Shands Hospital at the University of Florida

*Program Director:*

Paulette Mehta, MD

University of Florida School of Medicine

Pediatric Hematology/Oncology

Box 100296 JHMHC

Gainesville, FL 32610-0296

904 392-4470

*Length:* 2 Year(s) *Total Positions:* 9*Program ID:* 327-11-31-010**Georgia****Atlanta****Emory University Program\***

Emory University School of Medicine

Grady Memorial Hospital

Henrietta Eggleston Hospital for Children

*Program Director:*

Thad T Ghim, MD

Emory University School of Medicine Dept of Pediatrics

2040 Ridgewood Dr NE

Atlanta, GA 30322

404 727-4451

*Length:* 2 Year(s) *Total Positions:* 5*Program ID:* 327-12-21-041**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School

Children's Memorial Medical Center

*Program Director:*

Sharon B Murphy, MD

Chief Div of Hematology/Oncology

Children's Memorial Hospital

2300 Children's Plaza

Chicago, IL 60614

312 880-4584

*Length:* 2 Year(s) *Total Positions:* 5*Program ID:* 327-16-21-011

\* Updated information not provided.

## University of Chicago Program

Wyler Children's Hospital at the University of Chicago

*Program Director:*

F L Johnson, MD  
University of Chicago Hospitals  
MC4060

5841 S Maryland Ave  
Chicago, IL 60637-1470  
312 702-6808

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 327-16-11-050

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center

*Program Director:*

Mary C Dinauer, MD  
Indiana University School of Medicine  
Dept of Pediatrics Riley Hosp  
702 Barnhill Dr Rm 2720  
Indianapolis, IN 46202-5225  
317 274-8784

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 327-17-21-012

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Albert S Cornelius, MD  
University of Iowa Hospitals and Clinics  
Dept of Pediatrics 2540 JCP  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-8228

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 327-18-11-013

## Louisiana

### New Orleans

#### Louisiana State University/Tulane University Program

Louisiana State University School of Medicine  
Childrens Hospital  
Tulane University Hospital and Clinics

*Program Director:*

Raj P Warriar, MD  
Rafael Ducos, MD  
Louisiana State University  
Dept of Pediatrics  
1542 Tulane Ave  
New Orleans, LA 70112  
504 568-4561

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 327-21-21-048

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Curt I Civin, MD  
George J Dover, MD  
Johns Hopkins Oncology Center  
Oncology 3-109  
600 N Wolfe St  
Baltimore, MD 21287-5001  
410 955-8816

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 327-23-21-014

### Bethesda

#### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)  
NIH Warren Grant Magnuson Clinical Center

*Program Director:*

Phillip A Pizzo, MD  
Pediatric Branch National Cancer Institute  
Bldg 10 Rm 13N240  
10 Center Dr Msc 1928  
Bethesda, MD 20892-1928  
301 496-4256

*Length:* 2 Year(s) *Total Positions:* 15

*Program ID:* 327-23-21-067

## Massachusetts

### Boston

#### Harvard Medical School Program\*

Children's Hospital  
Dana-Farber Cancer Institute

*Program Director:*

Samuel E Lux IV, MD  
Children's Hospital  
300 Longwood Ave  
Boston, MA 02115  
617 735-7804

*Length:* 2 Year(s)

*Program ID:* 327-24-11-015

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Laurence A Boxer, MD  
Pediatric Hematology/Oncology  
University of Michigan Hospitals  
1500 E Medical Center Dr L2110  
Ann Arbor, MI 48109-0238  
313 764-7126

*Length:* 2 Year(s) *Total Positions:* 7

*Program ID:* 327-25-21-016

## Detroit

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan

*Program Director:*

Jeanne M Lusher, MD  
Children's Hospital of Michigan  
3901 Beaubien Blvd  
Detroit, MI 48201  
313 745-5237

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 327-25-21-017

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

William G Woods, MD  
Norma K C Ramsay, MD  
University of Minnesota Medical School  
Box 454 UMHC  
420 Delaware Street SE  
Minneapolis, MN 55455-0337  
612 626-2778

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 327-26-21-018

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
St Mary's Hospital of Rochester

*Program Director:*

William A Smithson, MD  
Siebens 5th Fl Registrar  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3379

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 327-26-21-019

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital

*Program Director:*

Jeanette Pullen, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5220

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 327-27-12-055

\* Updated information not provided.

**Missouri****Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital

*Program Director:*  
Gerald M Woods, MD  
Hematology/Oncology  
Children's Mercy Hospital  
2401 Gillham Rd  
Kansas City, MO 64108-9898  
816 816-3265

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 327-28-21-060

**St Louis****Washington University Program**

St Louis Children's Hospital

*Program Director:*  
Alan L Schwartz, MD PhD  
Children's Hospital at Washington University Medical Center  
Div of Hematology/Oncology  
One Children's Pl  
St Louis, MO 63110  
314 464-6128

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 327-28-11-020

**Nebraska****Omaha****University of Nebraska/Creighton University Program**

University of Nebraska Medical Center  
Children's Memorial Hospital

*Program Director:*  
Peter F Coccia, MD  
University of Nebraska Medical Center  
Dept of Pediatrics  
600 S 42nd St  
Omaha, NE 68198-2168  
402 559-7257

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 327-30-21-062

**New York****Brooklyn****SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn

*Program Director:*  
Sreedhar P Rao, MD  
State University of New York Health Science Center  
460 Clarkson Ave Box 49  
Brooklyn, NY 11203  
718 270-1692

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 327-35-21-022

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\***

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Children's Hospital of Buffalo  
Roswell Park Cancer Institute

*Program Director:*  
Martin L Brecher, MD  
Children's Hospital of Buffalo  
219 Bryant St  
Buffalo, NY 14222  
716 878-7340

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 327-35-21-021

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*  
Philip Lanzkowsky, MD  
Schneider Children's Hospital  
Long Island Jewish Medical Center  
New Hyde Park, NY 11042  
718 470-3201

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 327-35-21-023

**New York****Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*  
Jeffrey M Lipton, MD PhD  
Pediatric Hematology/Oncology  
#1208 Mount Sinai Hospital  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-6031

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 327-35-11-025

**New York Hospital/Cornell Medical Center Program**

Memorial Sloan-Kettering Cancer Center  
New York Hospital

*Program Director:*  
Paul A Meyers, MD  
Margaret H Hilgartner, MD  
1275 York Ave  
New York, NY 10021  
212 639-6952

*Length:* 2 Year(s) *Total Positions:* 18  
**Program ID:** 327-35-21-024

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*  
Margaret Karpatkin, MD  
New York University Medical Center  
Pediatric-Hematology/Oncology  
550 First Ave  
New York, NY 10016-6402  
212 263-6428

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 327-35-21-026

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*  
Sergio Piomelli, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032  
212 305-5808

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 327-35-11-027

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*  
Barbara L Asselin, MD  
Dept of Pediatrics Box 777  
University of Rochester Med Ctr  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-2981

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 327-35-21-049

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse  
Crouse-Irving Memorial Hospital

*Program Director:*  
Ronald L Dubowy, MD  
State University of New York Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-5294

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 327-35-21-028

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*  
Herbert A Cooper, MD  
University of North Carolina at Chapel Hill  
Dept of Pediatrics  
CB #7220 Burnett-Womack Bldg  
Chapel Hill, NC 27599  
919 966-1178

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 327-36-21-058

**Durham****Duke University Program**

Duke University Medical Center

*Program Director:*  
John M Falletta, MD  
Duke University Medical Center  
PO Box 2916  
Durham, NC 27710  
919 684-3401

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 327-36-21-029

\* Updated information not provided.

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

Children's Hospital Medical Center

*Program Director:*

Robert J Arceci, MD PhD  
Children's Hospital Medical Center  
3333 Burnet Ave  
Cincinnati, OH 45229-3039  
513 559-4266

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 327-38-21-030

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland

*Program Director:*

Susan B Shurin, MD  
Rainbow Babies and Children's Hospital  
11100 Euclid Ave  
Cleveland, OH 44106-3440  
216 844-3345

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 327-38-21-031

### Columbus

#### Ohio State University Program\*

Ohio State University Medical Center  
Children's Hospital

*Program Director:*

Frederick Ruyman, MD  
Columbus Children's Hospital  
700 Children's Dr  
Columbus, OH 43205  
614 722-3564

*Length:* 2 Year(s)

**Program ID:** 327-38-21-042

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma

*Program Director:*

Ruprecht Nitschke, MD  
University of Oklahoma Health Sciences Center  
PO Box 26901  
Oklahoma City, OK 73190  
405 271-5311

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 327-39-11-054

## Pennsylvania

### Philadelphia

#### St Christopher's Hospital for Children Program

St Christopher's Hospital for Children

*Program Director:*

Marie J Stuart, MD  
St Christopher's Hospital for Children  
Erie Ave at Front St  
Philadelphia, PA 19134-1095  
215 427-4437

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 327-41-12-051

#### University of Pennsylvania Program\*

Children's Hospital of Philadelphia

*Program Director:*

Walter W Tunnessen Jr, MD  
Director Training Program  
Children's Hospital of Philadelphia  
34th & Civic Center Blvd  
Philadelphia, PA 19104  
215 590-2253

*Length:* 2 Year(s)

**Program ID:** 327-41-21-032

### Pittsburgh

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh

*Program Director:*

Joseph Mirro Jr, MD  
Children's Hospital of Pittsburgh  
Div of Hematology-Oncology  
3705 Fifth Ave Rm 3765  
Pittsburgh, PA 15213-2583  
412 692-5055

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 327-41-21-066

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
Auxilio Mutuo Hospital  
University Pediatric Hospital

*Program Director:*

Pedro J Santiago-Borrero, MD  
University of Puerto Rico  
School of Medicine  
PO Box 365067  
San Juan, PR 00936-5067  
809 764-8783

*Length:* 2 Year(s)

**Program ID:** 327-42-21-065

## Rhode Island

### Providence

#### Brown University Program

Rhode Island Hospital

*Program Director:*

Edwin N Forman, MD  
Rhode Island Hospital  
593 Eddy St  
Providence, RI 02903-4923  
401 444-5171

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 327-43-21-033

## South Carolina

### Charleston

#### Medical University of South Carolina Program\*

Medical University of South Carolina College of Medicine  
MUSC Medical Center

*Program Director:*

Joseph Laver, MD  
Medical University of South Carolina  
Pediatric Hematology & Oncology  
171 Ashley Ave  
Charleston, SC 29425-3311  
803 729-2957

*Length:* 2 Year(s)

**Program ID:** 327-45-21-068

### Columbia

#### Richland Memorial Hospital-University of South Carolina School of Medicine Program\*

Richland Memorial Hospital-Univ of South Carolina Sch of Med

*Program Director:*

Robert S Ettinger, MD  
Richland Memorial Hospital  
7 Richland Memorial Hosp  
Ste 203  
Columbia, SC 29203  
803 434-3533

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 327-45-21-053

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center  
St Jude Children's Research Hospital

*Program Director:*

William Crist, MD  
St Jude Children's Research Hospital  
332 N Lauderdale  
PO Box 318  
Memphis, TN 38101-0318  
901 522-0321

*Length:* 2 Year(s) *Total Positions:* 16

**Program ID:** 327-47-31-034

\* Updated information not provided.

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*

John N Lukens, MD

Div of Ped Hematology-Oncology

T-3313 MCN

Nashville, TN 37232-2588

615 322-7475

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 327-47-21-035**Texas****Dallas****University of Texas Southwestern Medical School Program**University of Texas Southwestern Medical School  
Children's Medical Center of Dallas*Program Director:*

George R Buchanan, MD

University of Texas Southwestern Medical School

Dept of Pediatrics

Dallas, TX 75235-9063

214 648-3388

*Length:* 2 Year(s) *Total Positions:* 8**Program ID:** 327-48-21-046**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Blanche P Alter, MD

University of Texas Medical Branch

Dept of Pediatrics

Rm C342 Child Hlth Ctr

Galveston, TX 77555-0361

409 772-2341

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 327-48-11-036**Houston****Baylor College of Medicine Program**Baylor College of Medicine  
Texas Children's Hospital*Program Director:*

David G Poplack, MD

Baylor College of Medicine

Dept of Hematology-Oncology

One Baylor Plaza

Houston, TX 77030-3498

713 770-4200

*Length:* 2 Year(s) *Total Positions:* 10**Program ID:** 327-48-21-037**University of Texas at Houston Program**University of Texas Medical School at Houston  
Hermann Children's Hospital at Houston  
University of Texas M D Anderson Cancer Center*Program Director:*

David G Tubergen, MD

The University of Texas M D Anderson Cancer Center

Div of Pediatrics Box 87

1515 Holcombe Blvd

Houston, TX 77030

713 792-6620

*Length:* 2 Year(s) *Total Positions:* 5**Program ID:** 327-48-21-038**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio

Santa Rosa Health Care Corporation

University Hospital-South Texas Medical Center

*Program Director:*

Anthony J Infante, MD PhD

University of Texas Health Science Center

Dept of Ped-Hematology/Oncology

7703 Floyd Curl Dr

San Antonio, TX 78284-7810

210 567-5265

*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 327-48-21-047**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center

Primary Children's Medical Center

*Program Director:*

Richard T O'Brien, MD

Primary Children's Medical Center

100 N Medical Dr

Salt Lake City, UT 84113

801 588-2680

*Length:* 2 Year(s) *Total Positions:* 3**Program ID:** 327-49-21-039**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine

Children's Hospital and Medical Center

Fred Hutchinson Cancer Research Center

*Program Director:*

Irwin D Bernstein, MD

Fred Hutchinson Cancer Research Center

1100 Fairview Avenue N

Seattle, WA 98109

206 667-4886

*Length:* 2 Year(s) *Total Positions:* 11**Program ID:** 327-54-21-040**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics

*Program Director:*

Paul S Gaynon, MD

University of Wisconsin Hospital and Clinics

H4/436 Clinical Sci Ctr

600 Highland Ave

Madison, WI 53792-4108

608 263-8554

*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 327-56-21-059**Milwaukee****Medical College of Wisconsin Program**Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin*Program Director:*

J Paul Scott, MD

Section of Pediatric Hematology-Oncology

The Medical College of Wisconsin

8701 Watertown Plank Rd

Milwaukee, WI 53226-3548

414 937-3896

*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 327-56-21-063

\* Updated information not provided.

## Pediatric Nephrology (Pediatrics)

### California

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Shobha Sahney, MD

Loma Linda University Medical Center

Dept of Pediatrics

West Hall

Loma Linda, CA 92354

909 824-4839

*Length:* 2 Year(s)

*Program ID:* 328-05-21-043

#### Los Angeles

##### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Stanley C Jordan, MD

Cedars-Sinai Medical Center

Dept of Pediatric Nephrology

8700 Beverly Blvd NT4323

Los Angeles, CA 90048

310 855-4747

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 328-05-21-052

##### Childrens Hospital of Los Angeles Program

Childrens Hospital of Los Angeles

*Program Director:*

Ellin Lieberman, MD

Childrens Hospital of Los Angeles

Div of Nephrology Box 40

PO Box 54700

Los Angeles, CA 90054-0700

213 669-2102

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 328-05-11-001

##### UCLA Medical Center Program

UCLA School of Medicine

UCLA Medical Center

*Program Director:*

Robert B Ettenger, MD

Div of Pediatric Nephrology-UCLA Medical Center

Room A2-383 MDCC

10833 Le Conte Ave

Los Angeles, CA 90024-1752

310 206-6987

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 328-05-21-002

#### San Diego

##### University of California (San Diego) Program

University of California (San Diego) Medical Center

Children's Hospital and Health Center

*Program Director:*

Stanley A Mendoza, MD

University of California (San Diego) Pediatrics 8444

200 W Arbor Dr

San Diego, CA 92103-8444

619 543-6933

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 328-05-21-047

#### San Francisco

##### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine

University of California (San Francisco) Medical Center

*Program Director:*

Anthony A Portale, MD

University of California (San Francisco)

Children's Renal Center

533 Parnassus Ave Rm U 585

San Francisco, CA 94143-0748

415 476-2423

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 328-05-11-022

#### Stanford

##### Stanford University Program

Stanford University Hospital

Lucile Salter Packard Children's Hospital at Stanford

*Program Director:*

Bruce M Tune, MD

Room G-306 Dept of Pediatrics

Stanford Univ School of Medicine

Stanford, CA 94305-5119

415 723-7903

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 328-05-21-029

### Colorado

#### Denver

##### University of Colorado Program\*

University of Colorado Health Sciences Center

Children's Hospital

*Program Director:*

Douglas M Ford, MD

Children's Hospital

1056 E 19th Ave B 328

Denver, CO 80218

303 861-6263

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 328-07-21-003

### Connecticut

#### New Haven

##### Yale University/University of Connecticut Program

Yale-New Haven Hospital

Univ of Connecticut Health Center/John Dempsey

Hospital

*Program Director:*

Norman J Siegel, MD

Yale University School of Medicine

Dept of Pediatrics PO Box 208064

333 Cedar St

New Haven, CT 06520-8064

203 785-4643

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 328-09-21-004

### District of Columbia

#### Washington

##### George Washington University Program

George Washington University School of Medicine

Children's National Medical Center

*Program Director:*

Mary Ellen Turner, MD

Dept of Nephrology

Children's National Med Ctr

111 Michigan Ave NW

Washington, DC 20010

202 884-5058

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 328-10-21-023

##### Georgetown University Program

Georgetown University Hospital

*Program Director:*

Pedro A Jose, MD PhD

Georgetown University Hospital

3800 Reservoir Rd NW

Washington, DC 20007

202 687-3675

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 328-10-21-005

### Florida

#### Gainesville

##### University of Florida Program

University of Florida College of Medicine

Shands Hospital at the University of Florida

*Program Director:*

George A Richard, MD

University of Florida College of Medicine

Div of Pediatric Nephrology

PO Box 100296 JHMHC

Gainesville, FL 32610-0296

904 392-4434

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 328-11-31-006

#### Miami

##### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Gaston E Zillervuelo, MD

University of Miami-Jackson Memorial Medical Center

Div Pediatric Nephrology

PO Box 016960 (R-131)

Miami, FL 33101

305 585-6726

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 328-11-21-032

\* Updated information not provided.

**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Children's Memorial Medical Center

*Program Director:*

Craig B Langman, MD  
Children's Memorial Hospital Div of Pediatric Nephrology  
2300 Children's Plaza  
Box 37  
Chicago, IL 60614-3318  
312 880-4326  
Length: 2 Year(s)  
Program ID: 328-16-21-030

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*

Jerry Bergstein, MD  
Indiana University Medical Center  
702 Barnhill Dr One Children's Sq  
Room 5816  
Indianapolis, IN 46202-5225  
317 274-2563  
Length: 2 Year(s) Total Positions: 2  
Program ID: 328-17-21-007

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Jean E Robillard, MD  
University of Iowa Hospitals and Clinics  
Dept of Pediatrics  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 335-7560  
Length: 2 Year(s) Total Positions: 3  
Program ID: 328-18-11-008

**Louisiana****New Orleans****Tulane University Program**

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane  
Division

Tulane University Hospital and Clinics

*Program Director:*

Frank G Boineau, MD  
Tulane University Medical Center  
Dept of Pediatrics  
1430 Tulane Ave  
New Orleans, LA 70112  
504 588-5377  
Length: 2 Year(s) Total Positions: 1  
Program ID: 328-21-21-009

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Barbara A Fivush, MD  
Johns Hopkins Hospital  
Park 327  
600 N Wolfe St  
Baltimore, MD 21287-2535  
410 955-2467  
Length: 2 Year(s) Total Positions: 1  
Program ID: 328-23-21-037

**Massachusetts****Boston****Harvard Medical School Program**

Children's Hospital

*Program Director:*

William E Harmon, MD  
Children's Hospital  
300 Longwood Ave  
Boston, MA 02115  
617 735-6129  
Length: 2 Year(s) Total Positions: 7  
Program ID: 328-24-11-010

**Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*

Julie R Ingelfinger, MD  
Massachusetts General Hospital Pediatric Nephrology  
WACC 709  
15 Parkman St  
Boston, MA 02114  
617 726-2908  
Length: 2 Year(s) Total Positions: 3  
Program ID: 328-24-21-048

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

William E Smoyer, MD  
University of Michigan Medical Center  
L2602 Box 0297  
1521 Simpson Rd E  
Ann Arbor, MI 48109-0297  
313 936-4210  
Length: 2 Year(s) Total Positions: 3  
Program ID: 328-25-21-034

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Alfred F Michael, MD  
Robert L Vernier, MD  
University of Minnesota Hospital and Clinic  
420 Delaware St SE  
Box 491 UMHC  
Minneapolis, MN 55455  
612 624-3113  
Length: 2 Year(s) Total Positions: 5  
Program ID: 328-26-21-035

**Missouri****Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital

*Program Director:*

Uri S Alon, MD  
Section of Nephrology  
Children's Mercy Hospital  
2401 Gillham Rd  
Kansas City, MO 64108-9898  
816 234-3010  
Length: 2 Year(s) Total Positions: 3  
Program ID: 328-28-11-038

**St Louis****Washington University Program**

St Louis Children's Hospital

*Program Director:*

Barbara R Cole, MD  
Washington University St Louis Children's Hospital  
One Children's Pl  
St Louis, MO 63110  
314 454-6043  
Length: 2 Year(s) Total Positions: 3  
Program ID: 328-28-21-031

**New York****Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

Adrian Spitzer, MD  
Albert Einstein College of Medicine  
1410 Pelham Pkwy S  
Rm 721 RFK  
Bronx, NY 10461  
718 430-2511  
Length: 2 Year(s) Total Positions: 6  
Program ID: 328-35-21-011

\* Updated information not provided.



## Brooklyn

### SUNY Health Science Center at Brooklyn Program\*

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn

*Program Director:*

Amir Trejani, MD  
State University of New York Downstate Medical Center  
450 Clarkson Ave Box 49  
Brooklyn, NY 11203  
718 270-1913

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 328-35-21-012

## Buffalo

### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Children's Hospital of Buffalo

*Program Director:*

Leonard G Feld, MD  
Children's Hospital of Buffalo  
219 Bryant St  
Buffalo, NY 14222  
716 878-7275

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 328-35-21-024

## New York

### Mount Sinai School of Medicine Program\*

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Kenneth V Lieberman, MD  
Mt Sinai School of Medicine  
One Gustave L. Levy Pl  
New York, NY 10029  
212 241-6187

*Length:* 2 Year(s)

**Program ID:** 328-35-31-051

### New York Hospital/Cornell Medical Center Program

New York Hospital

*Program Director:*

Valerie L Johnson, MD PhD  
The New York Hospital  
525 E 68th St Rm N-0008  
New York, NY 10021  
212 746-3260

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 328-35-31-049

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

George J Schwartz, MD  
University of Rochester School of Medicine  
Pediatric Nephrology Div  
601 Elmwood Ave Box 777  
Rochester, NY 14642  
716 275-9784

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 328-35-21-050

## Stony Brook

### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook

*Program Director:*

Frederick J Kaskel, MD  
Dept of Pediatrics  
Div of Pediatric Nephrology  
State University of New York  
Stony, NY 11794-8111  
516 444-7884

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 328-35-21-033

## Ohio

## Cincinnati

### University of Cincinnati Hospital Group Program\*

Children's Hospital Medical Center

*Program Director:*

Paul T McEnery, MD  
Children's Hospital Medical Center  
3333 Burnet Ave  
CHRF 5392  
Cincinnati, OH 45229-3039  
513 559-4531

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 328-38-21-015

## Cleveland

### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Ben H Brouhard, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave A120  
Dept of Pediatric Nephrology  
Cleveland, OH 44195-5242  
216 444-7930

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 328-38-31-040

## Columbus

### Ohio State University Program\*

Ohio State University Medical Center  
Children's Hospital

*Program Director:*

John D Mahan Jr, MD  
Columbus Children's Hospital  
700 Children's Dr  
Columbus, OH 43205  
614 722-4360

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 328-38-21-039

## Pennsylvania

## Philadelphia

### St Christopher's Hospital for Children Program

St Christopher's Hospital for Children

*Program Director:*

H Jorge Baluarte, MD  
St Christopher's Hospital for Children  
Erie Ave at Front St  
Ste 3301  
Philadelphia, PA 19134-1095  
215 427-5190

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 328-41-12-017

## University of Pennsylvania Program

Children's Hospital of Philadelphia

*Program Director:*

Bernard S Kaplan, MB BCH  
Div of Nephrology  
The Children's Hosp of Philadelphia  
34th St & Civic Ctr Blvd  
Philadelphia, PA 19104  
215 590-2449

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 328-41-21-025

## Pittsburgh

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh

*Program Director:*

Demetrius Ellis, MD  
Children's Hospital of Pittsburgh  
One Children's Pl  
3705 Fifth Ave at De Soto St  
Pittsburgh, PA 15213-2583  
412 692-5182

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 328-41-21-036

## Tennessee

## Memphis

### University of Tennessee Program

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center

*Program Director:*

Robert J Wyatt, MD  
Univ of Tennessee Memphis  
CCRF Research Center  
50 N Dunlap Room 301  
Memphis, TN 38163  
901 572-5366

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 328-47-31-018

## Nashville

### Vanderbilt University Program

Vanderbilt University Medical Center

*Program Director:*

Iekuni Ichikawa, MD  
Vanderbilt University  
C-4204 Medical Center N  
1161 21st Ave S  
Nashville, TN 37232-2584  
615 322-7416

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 328-47-21-046

\* Updated information not provided.

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas

*Program Director:*

Michel G Baum, MD  
University of Texas Southwestern Medical Center  
Dept of Pediatrics  
5323 Harry Hines Blvd  
Dallas, TX 75235-9063  
214 648-3438

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 328-48-21-019

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Luther B Travis, MD  
University of Texas Medical Branch Div of Nephrology  
Dept of Pediatrics Rt 0373  
Children's Hospital of UTMB  
Galveston, TX 77555-0373  
409 772-2538

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 328-48-11-020

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Texas Children's Hospital

*Program Director:*

Eileen D Brewer, MD  
Baylor College of Medicine/Texas Children's Hospital  
MC 3-2482  
6621 Fannin St  
Houston, TX 77030-2399  
713 770-3800

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 328-48-21-026

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Children's Hospital at Houston

*Program Director:*

Ronald J Portman, MD  
University of Texas Medical School  
6431 Fannin St  
Houston, TX 77030  
713 792-5330

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 328-48-21-041

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*

R Ariel Gomez, MD  
University of Virginia Dept of Pediatrics  
MR4 Bldg Rm 2001  
Charlottesville, VA 22908  
804 982-0078

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 328-51-11-027

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University  
Medical College of Virginia Hospitals

*Program Director:*

James C Chan, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980498  
Richmond, VA 23298-0498  
804 828-9608

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 328-51-21-021

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center

*Program Director:*

Ellis D Avner, MD  
Children's Hospital and Medical Center  
Div of Nephrology CH-46  
4800 Sand Point Way NE  
Seattle, WA 98105  
206 526-2524

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 328-54-21-042

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics

*Program Director:*

Michael Chobanian, MD  
University of Wisconsin Hospital and Clinics  
H4/472 CSC  
600 Highland Ave  
Madison, WI 53792-4108  
608 263-8552

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 328-56-21-028

**Pediatric Orthopaedics (Orthopaedic Surgery)****California****Downey****Rancho Los Amigos Hospital Program**

LAC-Rancho Los Amigos Medical Center  
University of California (Irvine) College of Medicine

*Program Director:*

M Mark Hoffer, MD  
Rancho Los Amigos Hospital  
7601 E Imperial Hwy  
Downey, CA 90242  
310 940-7852

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 265-05-31-003

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Children's Hospital and Health Center

*Program Director:*

Dennis R Wenger, MD  
Children's Hospital (San Diego)  
3020 Children's Way  
San Diego, CA 92123  
619 576-5822

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 265-05-21-009

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Newington Children's Hospital  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

John V Banta, MD  
Newington Children's Hospital  
181 E Cedar St  
Newington, CT 06111  
203 667-5583

*Length:* 1 Year(s) *Total Positions:* 7  
**Program ID:** 265-08-21-020

**Delaware****Wilmington****Alfred I DuPont Institute Program**

Alfred I DuPont Institute of the Nemours Foundation

*Program Director:*

J R Bowen, MD  
Alfred I DuPont Institute  
PO Box 269  
Wilmington, DE 19899  
302 651-5913

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 265-09-31-004

\* Updated information not provided.

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
Children's National Medical Center

*Program Director:*

William W Robertson Jr, MD  
Children's National Medical Center  
111 Michigan Ave NW  
Washington, DC 20010-2970  
202 884-4063

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-10-21-031

## Florida

### Jacksonville

#### University of Florida Health Science Center/ Jacksonville Program

Nemours Children's Clinic (UFHSC/J)

*Program Director:*

R Jay Cummings, MD  
Nemours Children's Clinic  
PO Box 5720  
Jacksonville, FL 32247  
904 390-3670

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-11-31-026

### Miami

#### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center  
Miami Children's Hospital

*Program Director:*

Stephen J Stricker, MD  
University of Miami-Jackson Memorial Medical Center  
Dept of Orthopaedics (D-27)  
PO Box 016960  
Miami, FL 33101  
305 585-6415

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-11-21-032

### Tampa

#### Shriners Hospital for Crippled Children (Tampa) Program

Shriners Hospital for Crippled Children (Tampa)

*Program Director:*

Dennis P Grogan, MD  
Shriners Hospital for Crippled Children  
12502 N Pine Dr  
Tampa, FL 33612-9499  
813 972-2250

*Length:* 1 Year(s)

*Program ID:* 265-11-31-035

## Georgia

### Atlanta

#### Scottish Rite Children's Medical Center Program\*

Scottish Rite Children's Medical Center

*Program Director:*

Raymond T Morrissy, MD  
Scottish Rite Children's Medical Center  
5455 Meridian Mark Rd  
Ste 400  
Atlanta, GA 30342  
404 250-2022

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 265-12-21-022

## Hawaii

### Honolulu

#### University of Hawaii Program

University of Hawaii John A Burns School of Medicine  
Shriners Hospital for Crippled Children (Honolulu)

*Program Director:*

Kent Alan Reinker, MD  
Shriners Hospital  
1310 Punahou St  
Honolulu, HI 96826-1099  
808 951-3639

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-14-21-029

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center

*Program Director:*

Norris C Carroll, MD  
Children's Memorial Hospital  
2300 Childrens Plaza #69  
Chicago, IL 60614  
312 880-4813

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-16-21-019

#### Shriners Hospitals for Crippled Children (Chicago) Program

Shriners Hospital for Crippled Children (Chicago)

*Program Director:*

John P Lubicky, MD  
Shriners Hospitals for Crippled Children  
2211 N Oak Park Ave  
Chicago, IL 60635-3392  
312 622-5400

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-16-21-027

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Stuart L Weinstein, MD  
University of Iowa Hospitals and Clinics  
Dept of Orthopaedic Surgery  
Carver Pavilion  
Iowa City, IA 52242-1009  
319 356-1872

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-18-21-018

## Kentucky

### Lexington

#### Shriners Hospital for Crippled Children Program\*

Shriners Hospital for Crippled Children (Lexington)

*Program Director:*

David B Stevens, MD  
Shriners Hospitals for Crippled Children  
1900 Richmond Rd  
Lexington, KY 40502-1298  
606 266-2101

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-20-21-012

## Louisiana

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Childrens Hospital

*Program Director:*

G D MacEwen, MD  
Children's Hospital  
200 Henry Clay Ave  
New Orleans, LA 70118  
504 896-1336

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-21-21-016

## Massachusetts

### Boston

#### Children's Hospital Program

Children's Hospital

*Program Director:*

James R Kasser, MD  
Children's Hospital  
Dept of Orthopaedic Surgery  
300 Longwood Ave  
Boston, MA 02115  
617 735-6756

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 265-24-21-008

\* Updated information not provided.

**Harvard Medical School Program**

Massachusetts General Hospital

*Program Director:*David J Zaleske, MD  
Massachusetts General Hospital  
WAC 507

Boston, MA 02114

617 726-8523

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 265-24-21-014**Springfield****Shriners Hospital for Crippled Children (Springfield) Program**

Shriners Hospital for Crippled Children (Springfield)

*Program Director:*David M Drvaric, MD  
Shriners Hospital For Crippled Children  
516 Carew St

Springfield, MA 01104-2396

413 787-2047

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 265-24-31-001**Missouri****St Louis****Shriners Hospital for Crippled Children Program**

Shriners Hospital for Crippled Children (St Louis)

St Louis Children's Hospital

*Program Director:*Perry L Schoenecker, MD  
Shriners Hospital for Crippled Children  
2001 S Lindbergh Blvd

St Louis, MO 63131-3597

314 432-3600

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 265-28-21-006**New York****Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\***

SUNY at Buffalo Grad Medical-Dental Education Consortium

Children's Hospital of Buffalo

*Program Director:*

Robert Gillespie, MD

Dept of Orthopaedics

SUNY at Buffalo

82 Hodge St

Buffalo, NY 14222-2016

716 878-7722

*Length:* 1 Year(s) *Total Positions:* 23**Program ID:** 265-35-21-023**New York****Hospital for Joint Diseases Orthopaedic Institute Program\***

Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Wallace B Lehman, MD

Alfred D Grant, MD

Hospital for Joint Diseases Orthopaedic Institute

301 E 17th St

New York, NY 10003

212 598-6403

*Length:* 1 Year(s)**Program ID:** 265-35-12-007**Hospital for Special Surgery/Cornell Medical Center Program**

Hospital for Special Surgery

*Program Director:*

Leon Root, MD

Hospital for Special Surgery

535 E 70th St

New York, NY 10021

212 606-1330

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 265-35-12-024**Oregon****Portland****Shriners Hospital for Crippled Children Program\***

Shriners Hospital for Crippled Children (Portland)

*Program Director:*

Michael D Sussman, MD

3101 SW Sam Jackson Park Rd

Portland, OR 97201

503 221-3424

*Length:* 1 Year(s) *Total Positions:* 5**Program ID:** 265-40-21-005**Pennsylvania****Philadelphia****Temple University Program**

Temple University Hospital

Shriners Hospital for Crippled Children (Philadelphia)

*Program Director:*

Randal R Betz, MD

Shriners Hospital for Crippled Children

8400 Roosevelt Blvd

Philadelphia, PA 19152

215 332-4500

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 265-41-21-028**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital

*Program Director:*

Michael G Ehrlich, MD

Rhode Island Hospital

593 Eddy St

Providence, RI 02903

401 444-5895

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 265-43-21-030**Tennessee****Memphis****University of Tennessee Program**University of Tennessee College of Medicine  
Campbell Foundation-University of Tennessee*Program Director:*

S Terry Canale, MD

James H Beaty, MD

University of Tennessee-Campbell Clinic

Dept of Peds-Orthopaedic Surgery

869 Madison Ave

Memphis, TN 38103-3433

901 759-3274

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 265-47-21-034**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School

Dallas County Hospital District-Parkland Memorial

Hospital

Texas Scottish Rite Hospital for Children

*Program Director:*

John A Herring, MD

Texas Scottish Rite Hospital for Children

2222 Welborn Ave

Dallas, TX 75219-3993

214 521-3168

*Length:* 1 Year(s) *Total Positions:* 4**Program ID:** 265-48-21-013**Houston****Baylor College of Medicine Program**

Baylor College of Medicine

Harris County Hospital District-Ben Taub General

Hospital

Shriners Hospital for Crippled Children (Houston)

Texas Children's Hospital

*Program Director:*

Charles T Stephenson, MD

Baylor College of Medicine

Dept of Orthopedic Surgery

6550 Fannin Ste 2825

Houston, TX 77030

713 790-3711

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 265-48-31-002**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center

Primary Children's Medical Center

Shriners Hospital for Crippled Children (Intermountain

Unit)

*Program Director:*

Peter F Armstrong, MD

Shriners Hospitals for Crippled Children

Intermountain Unit

Fairfax Rd at Virginia St

Salt Lake City, UT 84103-4399

801 532-5307

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 265-49-31-015

\* Updated information not provided.

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin

*Program Director:*

Brian E Black, MD  
MACC Fund Research Bldg  
8701 Watertown Plank Rd  
Milwaukee, WI 53226  
414 266-4682

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 265-56-21-036

## Pediatric Pulmonology (Pediatrics)

### Alabama

#### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama

*Program Director:*

Raymond K Lyrene, MD  
Children's Hospital of Alabama  
1600 Seventh Ave S  
Ste 620 Ambulatory Care Ctr  
Birmingham, AL 35233-0011  
205 939-9583

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 330-01-21-001

### Arizona

#### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center

*Program Director:*

Wayne J Morgan, MD  
University of Arizona Health Science Center  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7780

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 330-03-21-002

### California

#### Long Beach

#### University of California (Irvine) Program\*

Long Beach Memorial Medical Center  
University of California (Irvine) Medical Center

*Program Director:*

Eliezer Nussbaum, MD  
Memorial Miller Children's Hospital  
Div of Pediatric Pulmonology  
2801 Atlantic Ave  
Long Beach, CA 90801-1428  
310 933-3290

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 330-05-21-003

### Los Angeles

#### Childrens Hospital of Los Angeles Program\*

Childrens Hospital of Los Angeles

*Program Director:*

Thomas G Keens, MD  
Childrens Hospital Los Angeles  
Div Neonatology & Ped Pulmonology  
4650 Sunset Blvd #83  
Los Angeles, CA 90027  
213 669-2101

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 330-05-21-004

### San Francisco

#### University of California (San Francisco) Program\*

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Mark S Pian, MD  
Univ of California/San Francisco  
Pediatric Pulmonary Div  
3rd & Parnassus Rm M687  
San Francisco, CA 94143-0110  
415 476-2072

*Length:* 2 Year(s)

*Program ID:* 330-05-21-005

### Stanford

#### Stanford University Program

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford

*Program Director:*

Judy Palmer, MD  
Lucile Salter Packard Children's Hospital  
Dir of Pediatrics  
725 Welch Rd  
Palo Alto, CA 94304  
415 723-5191

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 330-05-21-045

### Colorado

#### Denver

#### University of Colorado Program\*

University of Colorado Health Sciences Center  
Children's Hospital  
National Jewish Ctr for Immunology and Respiratory  
Medicine

*Program Director:*

Gary L Larsen, MD  
National Jewish Center For Immunology and Respiratory  
Med  
Div of Pediatric Pulmonary Medicine  
1400 Jackson St J112  
Denver, CO 80206  
303 398-1201

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 330-07-21-008

### Connecticut

#### Farmington

#### University of Connecticut Program

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

Michelle M Cloutier, MD  
University of Connecticut Health Center  
Dept of Pediatrics LM036 MC1827  
263 Farmington Ave  
Farmington, CT 06030-1827  
203 679-2647

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 330-08-21-007

\* Updated information not provided.

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital

*Program Director:*  
Gabriel G Haddad, MD  
Yale University School of Medicine  
Fitkin Bldg Rm 506  
333 Cedar St  
New Haven, CT 06510  
203 785-5444

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 330-08-21-014

**Florida****Gainesville****University of Florida Program**University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*  
James M Sherman, MD  
University of Florida College of Medicine  
Dept of Pediatrics  
PO Box 100296  
Gainesville, FL 32610-0296  
904 392-4458

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 330-11-21-017

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center

*Program Director:*  
Howard Eigen, MD  
Riley Hospital for Children  
Rm 2750  
702 Barnhill Dr  
Indianapolis, IN 46202-5225  
317 274-7208

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 330-17-21-016

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*  
Miles M Weinberger, MD  
University of Iowa Hospital  
Pediatric Dept JPC  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-3485

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 330-18-21-013

**Louisiana****New Orleans****Tulane University Program**Tulane University School of Medicine  
Tulane University Hospital and Clinics

*Program Director:*  
Robert C Beckerman, MD  
Tulane University School of Medicine  
Dept of Pediatrics SL-37  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5601

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 330-21-21-012

**Maryland****Baltimore****Johns Hopkins University Program**Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*  
Gerald M Loughlin, MD  
The Johns Hopkins Hospital  
Park 316  
600 N Wolfe St  
Baltimore, MD 21205-2196  
410 955-2035

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 330-23-21-015

**Massachusetts****Boston****Harvard Medical School Program**

Children's Hospital

*Program Director:*  
Mary Ellen B Wohl, MD  
Children's Hospital  
300 Longwood Ave  
Boston, MA 02115  
617 735-7881

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 330-24-21-009

**Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*  
Daniel C Shannon, MD  
Massachusetts General Hospital  
Fruit St  
Boston, MA 02114  
617 726-5576

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 330-24-21-036

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*  
Dietrich W Roloﬀ, MD  
University of Michigan Medical Center  
L 3023 Women's Hospital 0254  
200 E Hospital Dr  
Ann Arbor, MI 48109-0254  
313 763-4109

*Length:* 2 Year(s)  
**Program ID:** 330-25-21-010

**Minnesota****Minneapolis****University of Minnesota Program**University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*  
Warren E Regelman, MD  
University of Minnesota Hospital and Clinic  
Box 742 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455  
612 624-0962

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 330-26-21-018

**Missouri****St Louis****St Louis University Group of Hospitals Program\***St Louis University School of Medicine  
Cardinal Glennon Children's Hospital

*Program Director:*  
Bruce K Rubin, MD  
Div of Pulmonary Med  
Cardinal Glennon Children's Hosp  
1465 S Grand Blvd  
St Louis, MO 63104  
314 268-6439

*Length:* Year(s) *Total Positions:*  
**Program ID:** 330-28-21-046

**Washington University Program\***Washington University School of Medicine  
St Louis Children's Hospital

*Program Director:*  
James S Kemp, MD  
St Louis Children's Hospital  
400 S Kingshighway Blvd  
St Louis, MO 63110  
314 454-2694

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 330-28-21-020

\* Updated information not provided.

## New Mexico

### Albuquerque

#### University of New Mexico Program\*

University of New Mexico School of Medicine  
University Hospital

*Program Director:*

Bennie C McWilliams Jr, MD  
University of New Mexico Hospital  
Ambulatory Care Bldg 3d Fl  
2211 Lomas Blvd NE  
Albuquerque, NM 87131-5311  
505 272-6633

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID: 330-34-21-039**

## New York

### Brooklyn

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center

University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*

Phillip Steiner, MD  
State University of New York Health Science Ctr at  
Brooklyn

Pediatric Dept Box 49

450 Clarkson Ave

Brooklyn, NY 11203

718 270-2908

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID: 330-35-21-021**

### New York

#### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Meyer Kattan, MD  
Mount Sinai School of Medicine  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-7788

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID: 330-35-32-042**

#### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Robert B Mellins, MD  
Columbia University College of Physicians and Surgeons  
Pediatric Pulmonary Div BHS 101  
630 W 168th St  
New York, NY 10032  
212 305-6551

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID: 330-35-21-040**

## Rochester

#### University of Rochester Program

Strong Memorial Hospital of the University of Rochester.

*Program Director:*

John T McBride, MD  
University of Rochester School of Medicine and Dentistry  
601 Elmwood Ave  
Box 667 Rm 4-3232  
Rochester, NY 14642-8667  
716 275-2464

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID: 330-35-21-023**

## Valhalla

#### New York Medical College at Westchester County Medical Center Program

New York Medical College  
Westchester County Medical Center

*Program Director:*

Allen J Dozor, MD  
New York Medical College  
Munger Pavilion Rm 106  
Valhalla, NY 10595  
914 993-4023

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID: 330-35-31-041**

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

Margaret W Leigh, MD  
University of North Carolina  
Dept of Pediatrics  
635 Burnett-Womack CB#7220  
Chapel Hill, NC 27599-7220  
919 966-1055

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 330-36-21-019**

## Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

Iley B Browning, MD  
Duke University Medical Center  
Pediatric Pulmonary Medicine  
PO Box 2994  
Durham, NC 27710  
919 681-3364

*Length:* 2 Year(s)

**Program ID: 330-36-21-044**

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

Children's Hospital Medical Center

*Program Director:*

Robert W Wilmott, MD  
Children's Hospital Medical Center  
Div of Pulmonary Medicine  
3333 Burnet Ave  
Cincinnati, OH 45229-3039  
513 559-6771

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID: 330-38-21-026**

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland

*Program Director:*

Pamela B Davis, MD PhD  
Pediatric Pulmonology  
CWRU School of Medicine BRB 8  
2109 Adelbert Road  
Cleveland, OH 44106-4948  
216 368-4370

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID: 330-38-21-027**

### Columbus

#### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital

*Program Director:*

Karen S McCoy, MD  
Children's Hospital  
Sect of Pulmonary Medicine  
700 Children's Dr  
Columbus, OH 43205  
614 461-6819

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID: 330-38-21-043**

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital

*Program Director:*

Michael A Wall, MD  
Oregon Health Science University UHN 56  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201  
503 494-8023

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID: 330-40-21-025**

\* Updated information not provided.

**Pennsylvania****Philadelphia****St Christopher's Hospital for Children Program**

St Christopher's Hospital for Children

*Program Director:*Howard B Panitch, MD  
St Christopher's Hospital for Children  
Erie Ave at Front St  
Philadelphia, PA 19134-1095  
215 427-5183*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 330-41-21-033**University of Pennsylvania Program**

Children's Hospital of Philadelphia

*Program Director:*Michael M Grunstein, MD PhD  
Div of Pulmonary Med  
Children's Hospital of Philadelphia  
34th St & Civic Center Blvd  
Philadelphia, PA 19104  
215 590-3749*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 330-41-21-034**Pittsburgh****University Health Center of Pittsburgh Program**University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh*Program Director:*Geoffrey Kurland, MD  
Children's Hospital of Pittsburgh  
One Children's Pl  
3705 Fifth Ave  
Pittsburgh, PA 15213-2583  
412 692-5630*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 330-41-21-035**Puerto Rico****San Juan****University of Puerto Rico Program**University of Puerto Rico School of Medicine  
University Pediatric Hospital*Program Director:*Jose R Rodriguez-Santana, MD  
University Pediatric Hospital  
PO Box 365067  
San Juan, PR 00936-5067  
809 763-4966*Length:* 2 Year(s)**Program ID:** 330-42-21-038**Tennessee****Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*Thomas A Hazinski, MD  
Div of Pediatric Pulmonary Medicine Dept of Pediatrics  
S-0119 Medical Center North  
Vanderbilt University  
Nashville, TN 37232-2586  
615 343-7617*Length:* 2 Year(s) *Total Positions:* 1**Program ID:** 330-47-21-037**Texas****Houston****Baylor College of Medicine Program**Baylor College of Medicine  
Texas Children's Hospital*Program Director:*Dan K Seilheimer, MD  
Dept of Pediatrics  
Baylor College of Medicine  
One Baylor Plaza  
Houston, TX 77030-2399  
713 770-3300*Length:* 2 Year(s) *Total Positions:* 6**Program ID:** 330-48-21-029**Utah****Salt Lake City****University of Utah Program**University of Utah Medical Center  
Primary Children's Medical Center*Program Director:*Dennis W Nielson, MD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-2410*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 330-49-21-032**Washington****Seattle****University of Washington Program**University of Washington School of Medicine  
Children's Hospital and Medical Center  
University of Washington Medical Center*Program Director:*Gregory J Redding, MD  
Div of Neonatal & Respiratory Diseases  
University of Washington  
Mail Stop RD-20  
Seattle, WA 98195  
206 543-3200*Length:* 2 Year(s) *Total Positions:* 4**Program ID:** 330-54-21-031**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics

*Program Director:*Christopher G Green, MD  
University of Wisconsin Hospital & Clinics  
Room H4/428 4108 CSC  
600 Highland Ave  
Madison, WI 53792-4801  
608 263-8655*Length:* 2 Year(s) *Total Positions:* 2**Program ID:** 330-56-21-030**Milwaukee****Medical College of Wisconsin Program\***Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin*Program Director:*William M Gershan, MD  
Dept of Pediatrics  
Children's Hosp of Wisconsin  
9000 W Wisconsin Ave  
Milwaukee, WI 53226  
414 266-3392*Length:* Year(s) *Total Positions:***Program ID:** 330-56-21-047

\* Updated information not provided.



## Pediatric Radiology (Radiology-Diagnostic)

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program\*

University of Alabama Hospital

*Program Director:*

Stuart A Royal, MD  
Dept of Pediatric Radiology  
1600 Seventh Ave Ste 306ACC  
Birmingham, AL 35233  
205 939-9730

*Length:* 1 Year(s)

*Program ID:* 424-01-21-004

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
University Hospital of Arkansas

*Program Director:*

Theodora Vanderzalm, MD  
Arkansas Children's Hospital  
800 Marshall St  
Little Rock, AR 72202-3591  
501 320-4911

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 424-04-21-005

### California

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Lionel W Young, MD  
Loma Linda University  
Dept of Radiology  
11234 Anderson St  
Loma Linda, CA 92354  
909 824-4281

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 424-05-31-049

### Los Angeles

##### Childrens Hospital of Los Angeles Program

Childrens Hospital of Los Angeles

*Program Director:*

Beverly P Wood, MD  
Childrens Hospital Los Angeles  
Dept of Radiology  
4650 Sunset Blvd MS#81  
Los Angeles, CA 90027  
213 669-5686

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 424-05-21-003

### UCLA Medical Center Program

UCLA School of Medicine  
LAC-Olive View Medical Center  
UCLA Medical Center

*Program Director:*

M Ines Boechat, MD  
UCLA Medical Center  
10833 Le Conte Ave  
Los Angeles, CA 90024-1721  
213 825-6798

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 424-05-21-022

### San Francisco

##### University of California (San Francisco) Program

University of California (San Francisco) School of  
Medicine  
Children's Hospital Medical Center of Northern  
California  
University of California (San Francisco) Medical Center

*Program Director:*

Charles A Gooding, MD  
University of California  
Dept of Radiology  
505 Parnassus  
San Francisco, CA 94143-0628  
415 476-1918

*Length:* 1 Year(s)

*Program ID:* 424-05-21-042

### Stanford

##### Stanford University Program\*

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford

*Program Director:*

Bruce R Parker, MD  
Stanford University Medical Center  
Diagnostic Radiology Rm S-058  
Stanford, CA 94305  
415 723-6731

*Length:* 1 Year(s)

*Program ID:* 424-05-21-023

### Colorado

#### Denver

##### University of Colorado Program

University of Colorado Health Sciences Center  
Children's Hospital

*Program Director:*

John D Strain, MD  
Childrens Hospital  
1056 E 19th Ave  
Denver, CO 80218  
303 861-6541

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 424-07-21-037

### Connecticut

#### New Haven

##### Yale-New Haven Medical Center Program

Yale-New Haven Hospital

*Program Director:*

Marc S Keller, MD  
Children's Hospital at Yale-New Haven  
Dept of Ped Diagnostic Imaging  
20 York St  
New Haven, CT 06510  
203 785-2688

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 424-08-21-040

### District of Columbia

### Washington

##### George Washington University Program

George Washington University School of Medicine  
Children's National Medical Center

*Program Director:*

David C Kushner, MD  
Dept of Diagnostic Imaging & Radiology  
Children's National Medical Center  
111 Michigan Avenue NW  
Washington, DC 20010-2970  
202 884-5430

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 424-10-21-024

### Florida

#### Gainesville

##### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*

Jonathan L Williams, MD  
University of Florida  
Dept of Radiology  
Box 100374  
Gainesville, FL 32610-0374  
904 395-0102

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 424-11-21-044

### Miami

##### Miami Children's Hospital Program

Miami Children's Hospital

*Program Director:*

D H Altman, MD  
Miami Children's Hospital  
3100 SW 62nd Ave  
Miami, FL 33155-3009  
305 666-6611

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 424-11-21-025

\* Updated information not provided.

**University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

*Program Director:*

George E Abdenour, MD  
University of Miami Jackson Medical Center  
Dept of Radiology  
1611 NW 12th Ave  
Miami, FL 33136  
305 585-6894

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 424-11-21-006**Georgia****Atlanta****Emory University Program**Emory University School of Medicine  
Henrietta Eggleston Hospital for Children*Program Director:*

Stephen F Simoneaux, MD  
Eggleston Children's Hospital at Emory University  
1405 Clifton Rd NE  
Atlanta, GA 30322-1101  
404 325-6381

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-12-21-035**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**Northwestern University Medical School  
Children's Memorial Medical Center*Program Director:*

Andrew K Poznanski, MD  
Children's Memorial Hospital  
Dept of Radiology #9  
2300 Children's Plaza  
Chicago, IL 60614  
312 880-3520

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-16-21-017**Indiana****Indianapolis****Indiana University Medical Center Program**Indiana University Medical Center  
Riley Hospital for Children*Program Director:*

Mervyn D Cohen, MD  
James Whitcomb Riley Hospital for Children  
Dept of Radiology Rm 1053  
702 Barnhill Dr  
Indianapolis, IN 46202-5200  
317 274-2951

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-17-21-007**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics

*Program Director:*

Yutaka Sato, MD  
University of Iowa Hospitals and Clinics  
Dept of Radiology  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-3306

*Length:* 1 Year(s)**Program ID:** 424-18-21-008**Kentucky****Louisville****Kosair Children's Hospital Program**

Kosair Children's Hospital (Alliant Health System)

*Program Director:*

L T Shearer, MD  
Kosair Children's Hospital  
Pediatric Radiology Dept  
PO Box 35070  
Louisville, KY 40232-5070  
502 629-7661

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 424-20-21-026**Louisiana****New Orleans****Children's Hospital Program**

Children's Hospital

*Program Director:*

Joseph O Smith, MD  
Children's Hospital  
200 Henry Clay Ave  
New Orleans, LA 70118-5799  
504 896-9566

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 424-21-21-047**Maryland****Baltimore****Johns Hopkins University Program**Johns Hopkins University School of Medicine  
Johns Hopkins Hospital*Program Director:*

Jane E Benson, MD  
The Johns Hopkins Hospital  
Dept of Radiology  
600 N Wolfe St  
Baltimore, MD 21287  
410 955-6141

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-23-21-038**Massachusetts****Boston****Children's Hospital Program**

Children's Hospital

*Program Director:*

Donald R Kirks, MD  
300 Longwood Ave  
Boston, MA 02115  
617 735-6291

*Length:* 1 Year(s) *Total Positions:* 10**Program ID:** 424-24-21-027**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

R J Hernandez, MD  
University of Michigan Medical Center  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0252  
313 763-2570

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 424-25-21-018**Detroit****Children's Hospital of Michigan Program**

Children's Hospital of Michigan

*Program Director:*

Thomas L Slovis, MD  
Children's Hospital Michigan  
3901 Beaubien Blvd  
Detroit, MI 48201-2196  
313 745-5461

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 424-25-21-019**Minnesota****Minneapolis****University of Minnesota Program**University of Minnesota Medical School  
Children's Health Care-Minneapolis  
University of Minnesota Hospital and Clinic*Program Director:*

Becky L Carpenter, MD  
University of Minnesota Hospital  
Box 292 UMHC  
420 Delaware St SE  
Minneapolis, MN 55455  
612 626-2383

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-26-21-036

\* Updated information not provided.

## Missouri

### Kansas City

#### University of Missouri at Kansas City Program

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital

*Program Director:*

Joy A Johnson, MD  
Dept of Radiology  
Children's Mercy Hospital  
2401 Gillham Rd  
Kansas City, MO 64108-4698  
816 234-3273

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-28-21-028

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital

*Program Director:*

E R Graviss, MD  
Cardinal Glennon Children's Hospital  
1465 S Grand Blvd  
St Louis, MO 63104  
314 577-5654

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 424-28-21-041

#### Washington University Program

Barnes Hospital  
Mallinckrodt Institute of Radiology

*Program Director:*

William H McAlister, MD  
Mallinckrodt Institute of Radiology  
510 S Kingshighway Blvd  
St Louis, MO 63110  
314 454-6229

*Length:* 1 Year(s)

**Program ID:** 424-28-21-009

## New York

### Buffalo

#### Children's Hospital of Buffalo Program

Children's Hospital of Buffalo

*Program Director:*

Jerald P Kuhn, MD  
Children's Hospital of Buffalo  
Dept of Radiology  
219 Bryant St  
Buffalo, NY 14222-2099  
716 878-7525

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 424-35-21-029

### New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center

*Program Director:*

John C Leonidas, MD  
Long Island Jewish Medical Center  
Dept of Radiology  
New Hyde Park, NY 11040  
718 470-3404

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-35-21-010

## New York

#### Mount Sinai School of Medicine Program\*

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Karen Norton, MD  
Mount Sinai Hospital  
Box 1234  
New York, NY 10029

212 241-7418

*Length:* 1 Year(s)

**Program ID:** 424-35-21-051

#### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*

Nancy Genieser, MD  
New York University Medical Center  
Dept of Radiology  
560 First Ave  
New York, NY 10016  
212 263-5362

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-35-21-030

#### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Walter E Berdon, MD  
Babies Hospital  
3959 Broadway  
New York, NY 10032  
212 305-9864

*Length:* 1 Year(s)

**Program ID:** 424-35-21-011

## Rochester

#### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Margery Manuli, MD  
Strong Memorial Hospital  
601 Elmwood Ave  
Rochester, NY 14642-8648  
716 275-5100

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-35-21-012

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

David F Merten, MD  
University of North Carolina  
Dept of Radiology  
CB #7510  
Chapel Hill, NC 27599-7510  
919 966-3085

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-36-31-048

## Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

George S Bisset III, MD  
Dept of Radiology  
Duke University Medical Center  
Box 3808  
Durham, NC 27710

919 681-2711

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-36-21-031

## Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Thomas E Sumner, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1088  
910 716-2463

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-36-21-043

## Ohio

### Akron

#### Children's Hospital Medical Center of Akron/NEOUCOM Program

Children's Hospital Medical Center of Akron

*Program Director:*

Godfrey Gaisie, MD  
Children's Hospital Medical Center of Akron  
One Perkins Sq  
Akron, OH 44308  
216 379-8778

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-38-21-020

## Cincinnati

#### University of Cincinnati Hospital Group Program

Children's Hospital Medical Center

*Program Director:*

Janet L Strife, MD  
Dept of Radiology  
Children's Hospital Medical Center  
3333 Burnet Ave  
Cincinnati, OH 45229-3039  
513 559-8703

*Length:* 1 Year(s) *Total Positions:* 8

**Program ID:** 424-38-21-001

## Cleveland

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation  
Children's Hospital Medical Center

*Program Director:*

Marilyn J Goske, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Pediatric Radiology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 424-38-21-050

\* Updated information not provided.

**Pennsylvania****Philadelphia****St Christopher's Hospital for Children Program**

St Christopher's Hospital for Children

*Program Director:*

Eric N Faerber, MD  
St Christopher's Hospital for Children  
Erie Ave at Front St  
Philadelphia, PA 19134-1095  
215 427-5238

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-41-21-039**University of Pennsylvania Program**

Children's Hospital of Philadelphia

*Program Director:*

Sandra S Kramer, MD  
Dept of Radiology  
Children's Hosp of Philadelphia  
34th St & Civic Ctr Blvd  
Philadelphia, PA 19104-4399  
215 590-2575

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 424-41-21-032**Pittsburgh****University Health Center of Pittsburgh Program**University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh*Program Director:*

Richard B Towbin, MD  
Children's Hospital of Pittsburgh  
3705 Fifth Ave  
Pittsburgh, PA 15213-2683  
412 692-5510

*Length:* 1 Year(s)**Program ID:** 424-41-21-002**South Carolina****Charleston****Medical University of South Carolina Program\***Medical University of South Carolina College of Medicine  
Charleston Memorial Hospital  
MUSC Medical Center*Program Director:*

Roderick I Macpherson, MD  
Medical University Hospital  
171 Ashley Ave  
Charleston, SC 29425  
803 792-7179

*Length:* 1 Year(s)**Program ID:** 424-45-21-046**Tennessee****Memphis****University of Tennessee Program\***University of Tennessee College of Medicine  
LeBonheur Children's Medical Center  
St Jude Children's Research Hospital*Program Director:*

Barry Gerald, MD  
Barry D Fletcher, MD  
University of Tennessee College of Medicine  
Dept of Radiology  
800 Madison Ave  
Memphis, TN 38163  
901 522-3195

*Length:* 1 Year(s)**Program ID:** 424-47-21-013**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*

Richard M Heller, MD  
Vanderbilt University Medical Center  
Dept of Radiology  
D 1120 MCN  
Nashville, TN 37232-2675  
615 322-3288

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 424-47-21-021**Texas****Dallas****University of Texas Southwestern Medical School Program**University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital*Program Director:*

Nancy Rollins, MD  
Dept of Radiology  
Children's Medical Center  
1935 Motor St  
Dallas, TX 75235  
214 640-2809

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 424-48-21-015**Galveston****University of Texas Medical Branch Hospitals Program\***

University of Texas Medical Branch Hospitals

*Program Director:*

L E Swischuk, MD  
University of Texas Medical Branch  
Dept of Radiology G-09  
Galveston, TX 77555-0709  
409 761-2096

*Length:* 1 Year(s) *Total Positions:* 1**Program ID:** 424-48-21-014**Houston****Baylor College of Medicine Program\***Baylor College of Medicine  
Texas Children's Hospital*Program Director:*

Edward B Singleton, MD  
Texas Children's Hospital  
Diagnostic Imaging  
6621 Fannin MC 2-2521  
Houston, TX 77030-2399  
713 770-5324

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-48-21-016**Washington****Seattle****University of Washington Program**University of Washington School of Medicine  
Children's Hospital and Medical Center*Program Director:*

C Benjamin Graham, MD  
Children's Hospital and Medical Center  
Dept of Radiology CH-69  
PO Box 5371  
Seattle, WA 98105-0371  
206 526-2134

*Length:* 1 Year(s) *Total Positions:* 3**Program ID:** 424-54-21-033**Wisconsin****Milwaukee****Medical College of Wisconsin Program**Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
John L Doyme Hospital*Program Director:*

John R Sty, MD  
Children's Hospital of Wisconsin  
Dept of Radiology MS #721  
9000 W Wisconsin Ave  
Milwaukee, WI 53226  
414 266-3110

*Length:* 1 Year(s) *Total Positions:* 2**Program ID:** 424-56-21-034

\* Updated information not provided.

## Pediatric Surgery (Surgery-General)

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program\*

University of Alabama Hospital  
Children's Hospital of Alabama

*Program Director:*

Keith E Georgeson, MD  
Div of Pediatric Surgery  
1600 Seventh Ave S ACC 300  
Birmingham, AL 35233  
205 939-9688

*Length:* 2 Year(s)

*Program ID:* 445-01-21-032

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital

*Program Director:*

Samuel D Smith, MD  
Arkansas Children's Hospital  
Dept of Pediatric Surgery  
800 Marshall St  
Little Rock, AR 72202-3591  
501 320-1447

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 445-04-21-028

### California

#### Los Angeles

##### Childrens Hospital of Los Angeles Program

Childrens Hospital of Los Angeles

*Program Director:*

Kathryn D Anderson, MD  
Childrens Hospital Los Angeles  
4650 Sunset Blvd Box 72  
Los Angeles, CA 90027-6016  
213 669-2104

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 445-05-21-001

### Colorado

#### Denver

##### University of Colorado Program

University of Colorado Health Sciences Center  
Children's Hospital

*Program Director:*

John R Lilly, MD  
Dept of Pediatric Surgery  
The Children's Hospital  
1950 Ogden St B-323  
Denver, CO 80218  
303 861-6526

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 445-07-21-027

### Connecticut

#### New Haven

##### Yale-New Haven Medical Center Program\*

Yale-New Haven Hospital

*Program Director:*

Robert J Touloukian, MD  
Yale Univ Schl of Med Dept of Surgery  
333 Cedar St  
PO Box 3333  
New Haven, CT 06510  
203 785-2701

*Length:* 2 Year(s)

*Program ID:* 445-08-21-030

### District of Columbia

#### Washington

##### Children's National Medical Center Program

Children's National Medical Center

*Program Director:*

Marshall Z Schwartz, MD  
Children's National Medical Center  
111 Michigan Ave NW  
Washington, DC 20010-2970  
202 884-2151

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 445-10-21-015

### Illinois

#### Chicago

##### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center

*Program Director:*

John G Raffensperger, MD  
Children's Memorial Hospital  
2300 Children's Plaza #63  
Chicago, IL 60614  
312 880-4338

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 445-16-21-002

### University of Chicago Program

Wyler Children's Hospital at the University of Chicago  
Lutheran General Hospital

*Program Director:*

Robert M Arensman, MD  
Wyler Children's Hospital  
Sect of Ped Surgery MC4062  
5841 S Maryland Ave  
Chicago, IL 60637  
312 702-6175

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 445-16-21-026

### Indiana

#### Indianapolis

##### Indiana University Medical Center Program

Indiana University Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Jay L Grosfeld, MD  
James Whitcomb Riley Hospital for Children  
702 Barnhill Dr  
Indianapolis, IN 46202-5200  
317 274-4681

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 445-17-21-019

### Maryland

#### Baltimore

##### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital  
University of Maryland Medical System

*Program Director:*

Paul Colombani, MD  
Johns Hopkins Hospital  
Dept of Pediatric Surgery  
600 N Wolfe St CMSC 7-113  
Baltimore, MD 21287-3716  
410 955-6256

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 445-23-21-003

### Massachusetts

#### Boston

##### Children's Hospital Program

Children's Hospital

*Program Director:*

W Hardy Hendren, MD  
Children's Hospital  
300 Longwood Ave  
Boston, MA 02115  
617 735-8001

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 445-24-21-016

##### New England Medical Center Hospitals Program

New England Medical Center Hospitals

*Program Director:*

Burton H Harris, MD  
New England Medical Center  
750 Washington St  
Boston, MA 02111-1526  
617 956-5025

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 445-24-21-023

\* Updated information not provided.

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

Arnold G Coran, MD  
Office of Surgical Educ  
University of Michigan  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0342  
313 936-5733

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-25-21-018****Detroit****Wayne State University/Detroit Medical Center Program**Wayne State University School of Medicine  
Children's Hospital of Michigan*Program Director:*

Michael D Klein, MD  
Children's Hospital of Michigan  
3901 Beaubien Blvd  
Detroit, MI 48201-2196  
313 745-5840

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-25-11-004****Missouri****Kansas City****University of Missouri at Kansas City Program**University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital*Program Director:*

Keith W Ashcraft, MD  
Children's Mercy Hospital  
Dept of Surgery  
2401 Gillham Rd  
Kansas City, MO 64108-4698  
816 234-3575

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-28-11-005****St Louis****St Louis University Group of Hospitals Program**St Louis University School of Medicine  
Cardinal Glennon Children's Hospital*Program Director:*

Thomas R Weber, MD  
St Louis Univ Med Ctr  
Dept of Pediatric Surgery  
1465 S Grand Blvd  
St Louis, MO 63104  
314 577-5629

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-28-21-029****New York****Brooklyn****SUNY Health Science Center at Brooklyn Program**SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn*Program Director:*

Max L Ramenofsky, MD  
SUNY Hlth Sci Ctr at Brooklyn  
450 Clarkson Ave  
Brooklyn, NY 11203-2098  
718 270-1386

*Length: 2 Year(s) Total Positions: 1***Program ID: 445-35-11-007****Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Children's Hospital of Buffalo*Program Director:*

Richard G Azizkhan, MD  
Children's Hospital of Buffalo  
219 Bryant St  
Buffalo, NY 14222  
716 878-7790

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-35-21-017****New York****Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

R Peter Altman, MD  
Presbyterian Hospital in the City of New York Babies  
Hosp  
3959 Broadway Rm 204 N  
New York, NY 10032-3784  
212 305-5804

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-35-11-006****Ohio****Cincinnati****Children's Hospital Medical Center Program**

Children's Hospital Medical Center

*Program Director:*

Moritz M Ziegler, MD  
Pediatric Surgery  
Children's Hospital Medical Center  
3333 Burnet Ave  
Cincinnati, OH 45229-3039  
513 559-4371

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-38-11-008****Columbus****Ohio State University Program\***Ohio State University Medical Center  
Children's Hospital*Program Director:*

Donald R Cooney, MD  
Columbus Children's Hospital  
700 Children's Dr  
Columbus, OH 43205  
614 461-2312

*Length: 2 Year(s)***Program ID: 445-38-21-012****Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**University of Oklahoma College of Medicine-Oklahoma  
City

Children's Hospital of Oklahoma

*Program Director:*

William P Tunell, MD  
Children's Hospital of Oklahoma  
PO Box 26307  
Oklahoma City, OK 73126  
405 271-5922

*Length: 2 Year(s) Total Positions: 1***Program ID: 445-39-11-009****Pennsylvania****Philadelphia****St Christopher's Hospital for Children Program**

St Christopher's Hospital for Children

*Program Director:*

William H Weintraub, MD  
St Christopher's Hospital for Children  
Erie at Front St  
Philadelphia, PA 19134-1095  
215 427-5293

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-41-21-010****University of Pennsylvania Program**

Children's Hospital of Philadelphia

*Program Director:*

James A O'Neill Jr, MD  
Children's Hospital of Philadelphia  
One Children's Ctr  
34th St & Civic Center Blvd  
Philadelphia, PA 19104-4399  
215 590-2727

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-41-11-014****Pittsburgh****University Health Center of Pittsburgh Program**University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh*Program Director:*

Eugene S Wiener, MD  
Children's Hospital of Pittsburgh  
3705 Fifth Ave at De Soto St  
Pittsburgh, PA 15213-2583  
412 692-5043

*Length: 2 Year(s) Total Positions: 2***Program ID: 445-41-11-013**

\* Updated information not provided.

## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center  
St Jude Children's Research Hospital  
University of Tennessee Medical Center

*Program Director:*

Thom E Lobe, MD  
University Tennessee Memphis  
Division of Pediatric Surgery  
777 Washington Ave. Suite P210  
Memphis, TN 38105  
901 572-3300

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID: 445-47-21-025**

## Texas

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine

*Program Director:*

William J Pokorny, MD  
Baylor College of Medicine Texas Children's Hospital  
Clinical Care Ctr #245 MC 3-2325  
6621 Fannin  
Houston, TX 77030  
713 770-3146

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID: 445-48-21-020**

## Washington

### Seattle

#### Children's Hospital and Medical Center Program

Children's Hospital and Medical Center

*Program Director:*

David Tapper, MD  
Children's Hospital and Medical Center  
4800 Sand Point Way NE  
Seattle, WA 98105-0371  
206 526-2039

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID: 445-54-11-011**

## Pediatric Urology (Urology)

## California

### San Diego

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Children's Hospital and Health Center

*Program Director:*

George W Kaplan, MD  
Univ of California Div of Pediatric Urology  
7930 Frost St  
Suite #407  
San Diego, CA 92123  
619 279-8527

*Total Positions:* 1

**Program ID: 485-05-21-004**

## Massachusetts

### Boston

#### Harvard Medical School Program\*

Children's Hospital

*Program Director:*

Alan B Retik, MD  
Div of Urology  
Children's Hospital  
300 Longwood Ave  
Boston, MA 02115  
617 735-7796

*Length:* 1 Year(s)

**Program ID: 485-24-21-006**

## Michigan

### Ann Arbor

#### University of Michigan Program\*

University of Michigan Hospitals

*Program Director:*

David A Bloom, MD  
1500 E Medical Center Dr  
TC2325 Box 0330  
Ann Arbor, MI 48109-0330  
313 936-5755

*Length:* 1 Year(s)

**Program ID: 485-25-21-001**

### Detroit

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Harper Hospital

*Program Director:*

Alan D Perlmutter, MD  
Div of Pediatric Urology  
3901 Beaubien Blvd  
Detroit, MI 48201  
313 745-5588

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 485-25-21-010**

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
St Mary's Hospital of Rochester

*Program Director:*

Stephen A Kramer, MD  
Mayo Clinic  
Dept of Urology  
200 First St SW  
Rochester, MN 55905  
507 284-3249

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 485-26-21-003**

## Pennsylvania

### Philadelphia

#### University of Pennsylvania Program

Children's Hospital of Philadelphia

*Program Director:*

John W Duckett, MD  
Children's Hospital of Philadelphia  
34th & Civic Center Bldg  
Philadelphia, PA 19104  
215 590-2765

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 485-41-21-002**

## Tennessee

### Memphis

#### University of Tennessee Program\*

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center

*Program Director:*

H Norman Noe, MD  
University of Tennessee  
Div of Pediatric Urology  
770 Estate Pl  
Memphis, TN 38120  
901 681-4030

*Length:* 1 Year(s)

**Program ID: 485-47-21-007**

## Texas

### Houston

#### Baylor College of Medicine Program\*

Baylor College of Medicine  
Texas Children's Hospital

*Program Director:*

Edmond T Gonzales Jr, MD  
Dept of Urology  
6621 Fannin  
Clinical Care Ctr Ste 270  
Houston, TX 77030  
713 770-3160

*Length:* 1 Year(s)

**Program ID: 485-48-21-008**

\* Updated information not provided.

# Physical Medicine and Rehabilitation

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital

*Program Director:*

Jay M Meythaler, MD  
University of Alabama at Birmingham  
Spain Rehabilitation Center  
1717 Sixth Ave S  
Birmingham, AL 35233-7330  
205 934-3450

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

**Program ID: 340-01-21-002**

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
Baptist Rehabilitation Institute of Arkansas  
John L. McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Richard Gray, MD  
University of Arkansas for Medical Sciences Dept of PM&R  
4301 W Markham Slot 602B  
Little Rock, AR 72205  
501 661-1202

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

**Program ID: 340-04-21-083**

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Murray E Brandstater, MD  
Loma Linda Univ Medical Center Dept of Physical Medicine  
11234 Anderson St PO Box 2000  
Loma Linda, CA 92354  
909 824-4009

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID: 340-06-21-077**

## Los Angeles

#### Veterans Affairs Medical Center (West Los Angeles) Program

Veterans Affairs Medical Center (West Los Angeles)  
Cedars-Sinai Medical Center  
Veterans Affairs Medical Center (Sepulveda)

*Program Director:*

A M Erica Scremin, MD  
DVAMC West Los Angeles (W117)  
11301 Wilshire Blvd  
Los Angeles, CA 90073  
310 824-3124

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 0)

**Program ID: 340-06-21-007**

## Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Phyllis E Page, MD  
University of California (Irvine) Medical Center  
Dept of Physical Medicine & Rehab  
Rt #81/101 City Dr S  
Orange, CA 92668  
310 494-5958

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)

**Program ID: 340-06-21-005**

## Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

David D Kilmer, MD  
University of California Davis Medical Center  
4301 X St Rm 2020  
Sacramento, CA 95817-2282  
916 734-3423

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 2)

**Program ID: 340-06-21-004**

## Stanford

#### Stanford University Program\*

Stanford University Hospital  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Elaine S Date, MD  
Palo Alto VA Medical Center  
Rehab Med Serv (117)  
3801 Miranda Ave  
Palo Alto, CA 94304  
415 493-5000

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)

**Program ID: 340-06-21-008**

## Colorado

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Donna J Blake, MD  
University of Colorado Health Sciences Center  
4200 E Ninth Ave Box C243  
Denver, CO 80262  
303 270-4193

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 0)

**Program ID: 340-07-21-009**

## District of Columbia

### Washington

#### National Rehabilitation Hospital Program\*

National Rehabilitation Hospital  
Washington Hospital Center

*Program Director:*

Barbara Kolack, MD  
National Rehabilitation Hospital  
102 Irving St NW Rm 256  
Washington, DC 20010-2949  
202 877-1627

*Length:* 3 Year(s)

**Program ID: 340-10-21-087**

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Praxedes V Belandres, MD  
Chief Physical Medicine & Rehabilitation Serv  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-6368

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID: 340-10-21-074**

## Florida

### Miami

#### University of Miami-Jackson Memorial Medical Center Program\*

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Dorothea Glass, MD  
VA Medical Center  
Rehabilitation Medicine Service  
1201 NW 16th St #117  
Miami, FL 33125  
305 324-3217

*Length:* 3 Year(s)

**Program ID: 340-11-21-096**

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Richard D Carr, MD  
Dept of Physical Medicine & Rehabilitation  
1441 Clifton Rd NE  
Rm 118  
Atlanta, GA 30322  
404 728-7639

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 0)

**Program ID: 340-12-21-011**

\* Updated information not provided.



## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Rehabilitation Institute of Chicago

*Program Director:*

James A Sliwa, DO  
c/o Office of Graduate Medical Education  
Northwestern University Med School  
303 E Chicago Ave #932  
Chicago, IL 60611  
312 503-4748

*Length:* 3 Year(s) *Total Positions:* 40 (GYI: 4)

*Program ID:* 340-16-21-014

#### Mount Sinai Medical Center of Chicago/Schwab Rehabilitation Center Program

Mount Sinai Hospital Medical Center of Chicago  
Schwab Rehabilitation Center and Care Network

*Program Director:*

Michelle S Gittler, MD  
Schwab Rehabilitation Center  
1401 S California Blvd  
Chicago, IL 60608-1612  
312 522-2010

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)

*Program ID:* 340-16-22-012

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center  
Marianjoy Rehabilitation Hospital and Clinics  
Oak Forest Hospital of Cook County

*Program Director:*

John J Nicholas, MD  
Rush-Presbyterian-St Luke's Medical Center  
1725 W Harrison St. Ste 1018  
Chicago, IL 60612  
312 942-3675

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 1)

*Program ID:* 340-16-21-082

#### University of Illinois College of Medicine at Chicago Program\*

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Bhagwan T Shahani, MD  
University of Illinois Hospital  
Dept of Physical Medicine & Rehab  
840 S Wood St M/C 889  
Chicago, IL 60612  
312 996-7211

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 340-16-21-015

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital  
Marianjoy Rehabilitation Hospital and Clinics

*Program Director:*

Jay Subbarao, MD  
Loyola University Medical Center  
Dept of Orthopedics PM&R  
2160 S First Ave  
Maywood, IL 60153-5500  
708 216-4994

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)

*Program ID:* 340-16-31-016

## Wheaton

#### Rehabilitation Foundation Program

Rehabilitation Foundation Inc  
Marianjoy Rehabilitation Hospital and Clinics

*Program Director:*

Richard F Harvey, MD  
Rehabilitation Foundation Inc  
PO Box 389  
26 W 171 Roosevelt Rd  
Wheaton, IL 60189  
708 462-4278

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 340-16-21-097

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Community Hospitals of Indianapolis  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Randall L Braddock, MD  
Dept of Physical Medicine & Rehabilitation  
541 N Clinical Rm 368  
Indianapolis, IN 46202-5111  
317 278-0200

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 340-17-21-098

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
Bethany Medical Center  
Dwight D Eisenhower Veterans Affairs Medical Center  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

Atul T Patel, MD  
Rehabilitation Medicine Dept  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7306  
913 588-6777

*Length:* 4 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 340-19-21-018

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Cardinal Hill Hospital  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

James W Atchison, DO  
Gerald V Klim, DO  
Kentucky Clinic K322  
Dept of Physical Medicine & Rehab  
University of Kentucky Medical Ctr  
Lexington, KY 40536-0284  
606 257-4888

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)

*Program ID:* 340-20-21-079

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Amelia Brown Frazier Rehabilitation Center

*Program Director:*

Linda H Gleis, MD  
Frazier Rehab Center  
220 Abraham Flexner Way  
Louisville, KY 40202  
502 582-7491

*Length:* 3 Year(s) *Total Positions:* 9 (GYI: 0)

*Program ID:* 340-20-11-019

## Louisiana

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Alton Ochsner Medical Foundation  
Louisiana Rehabilitation Institute  
Medical Center of Louisiana at New Orleans-LSU Division  
Touro Infirmary

*Program Director:*

Gregory W Stewart, MD  
Louisiana State University Medical Center  
C/O: Mrs. Evelyn B. Glasper  
1542 Tulane Ave Ste 602  
New Orleans, LA 70112-2822  
504 568-2688

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 4)

*Program ID:* 340-21-21-020

## Maryland

### Baltimore

#### Johns Hopkins University/Sinai Hospital of Baltimore Program

Johns Hopkins University School of Medicine  
Good Samaritan Hospital of Maryland  
Johns Hopkins Hospital  
Sinai Hospital of Baltimore

*Program Director:*

Gerald Felsenthal, MD  
Sinai Hospital of Baltimore  
Dept of Rehabilitation Medicine  
2401 W Belvedere Ave  
Baltimore, MD 21215-5271  
410 578-5522

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 340-23-22-021

\* Updated information not provided.

**Massachusetts****Boston****Boston University Program\***

Boston University Medical Center-University Hospital  
 Braintree Hospital  
 Edith Nourse Rogers Memorial Veterans Hospital

*Program Director:*

Susan Biener-Bergman, MD  
 University Hospital F-515  
 88 E Newton St  
 Boston, MA 02118-2393  
 617 638-7310

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID:** 340-24-11-024

**Harvard Medical School Program**

Spaulding Rehabilitation Hospital

*Program Director:*

Paul J Corcoran, MD  
 Spaulding Rehabilitation Hospital  
 125 Nashua St  
 Boston, MA 02114  
 617 720-6826

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID:** 340-24-21-094

**Tufts University Program**

New England Medical Center Hospitals  
 New England Sinai Hospital and Rehabilitation Center  
 Veterans Affairs Medical Center (Boston)

*Program Director:*

Marvin M Brooke, MD  
 Dept of Rehabilitative Medicine Attn: K Rowe  
 New England Medical Center  
 750 Washington St #387  
 Boston, MA 02111  
 617 956-5622

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 0)

**Program ID:** 340-24-21-023

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

M Catherine Spires, MD  
 University of Michigan Hospitals Box 0042  
 1500 E Medical Center Dr  
 Ann Arbor, MI 48109-0042  
 313 936-7201

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 0)

**Program ID:** 340-25-21-025

**Detroit****Sinai Hospital Program**

Sinai Hospital

*Program Director:*

Maury R Ellenberg, MD  
 Joseph C Honet, MD  
 Sinai Hospital  
 6767 W Outer Dr  
 Detroit, MI 48235-2899  
 313 493-6554

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)

**Program ID:** 340-25-31-026

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
 Rehabilitation Institute

*Program Director:*

Bruce M Gans, MD  
 Rehabilitation Institute  
 261 Mack Blvd  
 Detroit, MI 48201-9903  
 313 745-9852

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 0)

**Program ID:** 340-25-21-027

**East Lansing****Michigan State University Program\***

Michigan State University College of Osteopathic  
 Medicine

*Program Director:*

Michael T Andary, MD  
 B401 W Fee Hall Dept of Physical Medicine &  
 Rehabilitation  
 Michigan State University  
 College of Osteopathic Medicine  
 East Lansing, MI 48824  
 517 353-0713

*Length:* 3 Year(s) *Total Positions:*

**Program ID:** 340-25-21-100

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital  
 William Beaumont Hospital-Troy

*Program Director:*

Myron M LaBan, MD  
 William Beaumont Hospital  
 3601 W 13 Mile Rd  
 Royal Oak, MI 48073-6769  
 810 551-0161

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 340-25-21-076

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
 University of Minnesota Hospital and Clinic  
 Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Dennis Dykstra, MD  
 University of Minnesota  
 Boynton Bridge 500 Box 297  
 420 Delaware St SE  
 Minneapolis, MN 55455-0392  
 612 626-4050

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID:** 340-26-21-028

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Rochester)  
 Rochester Methodist Hospital  
 St Mary's Hospital of Rochester

*Program Director:*

Kathryn A Stolp-Smith, MD  
 Mayo Graduate School of Medicine Application  
 Processing Ctr  
 Mayo Graduate School of Medicine  
 200 First St SW  
 Rochester, MN 55905  
 507 284-2946

*Length:* 3 Year(s) *Total Positions:* 24 (GYI: 0)

**Program ID:** 340-26-21-030

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
 Harry S Truman Memorial Veterans Hospital  
 University and Children's Hospital

*Program Director:*

Steven M Gnatz, MD  
 University Hospital & Clinics  
 1 Hospital Dr  
 Columbia, MO 65212  
 314 882-3101

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID:** 340-28-21-031

**St Louis****Washington University Program**

Jewish Hospital of St Louis

*Program Director:*

Oksana Volshteyn, MD  
 Jewish Hospital of St Louis at Washington Univ Med  
 Center  
 216 S Kingshighway  
 St Louis, MO 63110  
 314 454-7757

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)

**Program ID:** 340-28-11-032

**New Jersey****Edison****Johnson Institute/John F Kennedy Medical Center Program**

JFK Medical Center

*Program Director:*

Thomas E Strax, MD  
 JFK Johnson Rehabilitation Institute  
 65 James St  
 Edison, NJ 08818-3059  
 908 321-7000

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID:** 340-33-21-033

\* Updated information not provided.

**Newark**

**UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Kessler Institute for Rehabilitation  
UMDNJ-University Hospital

*Program Director:*

Joel A Delisa, MD  
UMDNJ-New Jersey Med Schl  
Univ Hosp/B 261  
150 Bergen St  
Newark, NJ 07103-2406  
201 982-4394

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 0)  
*Program ID:* 340-33-32-034

**New York**

**Albany**

**Albany Medical Center Program**

Albany Medical Center Hospital  
St Peter's Hospital  
Sunnyview Hospital and Rehabilitation Center  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Andrew Dubin, MD  
Albany Medical Center Dept of Physical Med & Rehab  
A79  
New Scotland Ave  
Albany, NY 12208-3479  
518 262-3291

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 3)  
*Program ID:* 340-35-21-035

**Bronx**

**Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Mark A Thomas, MD  
Montefiore Medical Center  
111 E 210 St  
Bronx, NY 10467  
718 920-2753

*Length:* 3 Year(s) *Total Positions:* 23 (GYI: 0)  
*Program ID:* 340-35-21-043

**Brooklyn**

**Kingsbrook Jewish Medical Center Program**

Kingsbrook Jewish Medical Center

*Program Director:*

Harvey Goldberg, MD  
Kingsbrook Jewish Medical Center  
Dept of Physical Med & Rehab  
585 Schenectady Ave  
Brooklyn, NY 11203-1891  
718 604-5341

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 5)  
*Program ID:* 340-35-22-041

**SUNY Health Science Center at Brooklyn Program\***

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Marc Bennett, MD  
State University of New York Health Science Ctr at  
Brooklyn  
450 Clarkson Ave Box 30  
Brooklyn, NY 11203  
718 270-1227

*Length:* 3 Year(s) *Total Positions:* 20 (GYI: 4)  
*Program ID:* 340-35-21-048

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

K H Lee, MD  
VA Medical Center  
3495 Bailey Ave  
Buffalo, NY 14215  
716 862-3674

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)  
*Program ID:* 340-35-21-036

**East Meadow**

**Nassau County Medical Center Program**

Nassau County Medical Center

*Program Director:*

Lyn Weiss, MD  
Nassau County Medical Center  
Dept of Physical Medicine and Rehab  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-6315

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)  
*Program ID:* 340-35-11-037

**New Hyde Park**

**Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Jamaica Hospital  
Southside Hospital

*Program Director:*

Angeles Badell, MD  
Long Island Jewish Medical Center  
270-05 76th Ave CH005  
Div of Rehabilitation Medicine  
New Hyde Park, NY 11040  
718 470-3020

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 340-35-21-042

**New York**

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Beth Israel Medical Center  
Elmhurst Hospital Center-Mount Sinai Services  
Hospital for Joint Diseases Orthopaedic Institute  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*

Kristjan T Ragnarsson, MD  
Mount Sinai Hospital  
One Gustave L Levy Pl  
New York, NY 10029-6574  
212 241-9654

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 8)  
*Program ID:* 340-35-21-044

**New York Hospital/Cornell Medical Center Program**

New York Hospital  
Memorial Sloan-Kettering Cancer Center

*Program Director:*

Willibald Nagler, MD  
New York Hospital-Cornell Medical Center  
525 E 68th St Box 142  
New York, NY 10021-8110  
212 746-1503

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)  
*Program ID:* 340-35-21-040

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Goldwater Memorial Hospital  
Rusk Institute of Rehabilitation Medicine  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Howard G Thistle, MD  
New York University Medical Center  
Dept of Rehabilitation Medicine  
400 E 34th St Ste 600  
New York, NY 10016-4998  
212 263-6110

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 1)  
*Program ID:* 340-35-21-046

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

James S Lieberman, MD  
Presbyterian Hospital in the City of New York  
630 W 168  
P&S Box 38  
New York, NY 10032  
212 305-4818

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 0)  
*Program ID:* 340-35-21-039

**Rochester**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
Monroe Community Hospital  
St Mary's Hospital

*Program Director:*

Charles J Gibson, MD  
University of Rochester Medical Center  
Box 664  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-3271

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 2)  
*Program ID:* 340-35-21-051

\* Updated information not provided.

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

St Camillus Health and Rehabilitation Center  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Robert J Weber, MD

State University of New York Health Science Ctr at Syracuse

750 E Adams St  
Syracuse, NY 13210-2375  
315 464-5820

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID: 340-35-21-093**

**Valhalla****New York Medical College at St Vincent's Hospital and Medical Center Program**

New York Medical College

St Vincent's Hospital and Medical Center of New York

*Program Director:*

Lakshmi Murali, MD

St Vincent's Hospital and Medical Center of New York  
153 W 11th St

Physical Medicine & Rehabilitation  
New York, NY 10011

212 604-8507

*Length:* 3 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID: 340-35-11-047**

**New York Medical College at Westchester County Medical Center Program**

New York Medical College

Lincoln Medical and Mental Health Center

Metropolitan Hospital Center

Westchester County Medical Center

*Program Director:*

Catherine Hinterbuchner, MD

New York Medical College Dept of Rehabilitative Medicine

Rm 557 Munger Pavilion

Valhalla, NY 10595

914 993-4275

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 1)

**Program ID: 340-35-21-045**

**North Carolina****Charlotte****Carolinas Medical Center Program**

Carolinas Medical Center

Charlotte Institute of Rehabilitation

*Program Director:*

William L Bockenek, MD

Charlotte Institute of Rehabilitation

1100 Blythe Blvd

Charlotte, NC 28203

704 355-4406

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID: 340-36-21-095**

**Greenville****East Carolina University Program**

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

Sanford H Vernick, MD PhD

East Carolina University School of Medicine

Dept of Physical Med & Rehab

2100 Stantonsburg Rd

Greenville, NC 27858-4354

919 816-4440

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)

**Program ID: 340-36-21-091**

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital

*Program Director:*

Mark J Goddard, MD

University of Cincinnati Medical Center

Dept of Physical Med & Rehab

PO Box 670530

Cincinnati, OH 45267-0530

513 558-7635

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)

**Program ID: 340-38-21-086**

**Cleveland****Case Western Reserve University Program**

MetroHealth Medical Center

Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Shu Q Huang, MD

MetroHealth Medical Center

2500 MetroHealth Dr

Cleveland, OH 44109-1998

216 459-3219

*Length:* 3 Year(s) *Total Positions:* 14 (GYI: 2)

**Program ID: 340-38-31-053**

**Columbus****Ohio State University Program**

Ohio State University Medical Center

Grant Medical Center

Mount Carmel Medical Center

Riverside Methodist Hospitals

*Program Director:*

William S Pease, MD

Ohio State University

Dept of Physical Med & Rehab

Dodd Hall/480 W Ninth Ave

Columbus, OH 43210-1245

614 293-3801

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 7)

**Program ID: 340-38-21-054**

**Toledo****Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital

Flower Hospital

St Vincent Medical Center

Toledo Hospital

*Program Director:*

Greg Nemunaitis, MD

Medical College of Ohio

3000 Arlington Ave

Toledo, OH 43699-0008

419 381-4022

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 340-38-21-080**

**Pennsylvania****Philadelphia****Graduate Hospital/Sacred Heart Hospital Program**

Graduate Hospital

Sacred Heart Hospital

*Program Director:*

Francis J Bonner Jr, MD

Graduate Hospital

One Graduate Plaza

Philadelphia, PA 19146

215 893-7559

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID: 340-41-21-088**

**Temple University Program**

Temple University Hospital

Albert Einstein Medical Center

Moss Rehabilitation Hospital

*Program Director:*

James T Demopoulos, MD

Physical Medicine and Rehabilitation

Temple University Hospital

3401 N Broad St.

Philadelphia, PA 19140

215 707-7021

*Length:* 3 Year(s) *Total Positions:* 29 (GYI: 0)

**Program ID: 340-41-21-056**

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

William E Staas Jr, MD

Thomas Jefferson University Hospital

111 S 11th St

Philadelphia, PA 19107

215 955-6574

*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 0)

**Program ID: 340-41-21-057**

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania

Abington Memorial Hospital

Children's Seashore House

Our Lady of Lourdes Medical Center

Reading Rehabilitation Hospital

*Program Director:*

Keith M Robinson, MD

Hospital of The University of Pennsylvania

5th Fl West Gates Bldg

3400 Spruce St

Philadelphia, PA 19104-4283

215 349-5574

*Length:* 3 Year(s) *Total Positions:* 13 (GYI: 0)

**Program ID: 340-41-21-058**

\* Updated information not provided.

## Pittsburgh

### St Francis Medical Center Program

St Francis Medical Center  
Mercy Hospital of Pittsburgh  
St Margaret Memorial Hospital

*Program Director:*

Ronald L Zimmerman, MD  
St Francis Medical Center  
Medical Education Office  
400 45th St  
Pittsburgh, PA 15201  
412 622-7187

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)

*Program ID:* 340-41-22-059

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Harmarville Rehabilitation Center  
Presbyterian-University Hospital/UPMC

*Program Director:*

Louis E Penrod, MD  
901 Liliane Kaufmann Bldg  
UPMC-200 Lothrop St  
Pittsburgh, PA 15213-2582  
412 648-6978

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 5)

*Program ID:* 340-41-21-075

## Puerto Rico

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
Puerto Rico Rehabilitation Center  
University Hospital

*Program Director:*

William F Micheo, MD  
University of Puerto Rico School of Medicine  
Caparra Heights Station  
Rio Piedras, PR 00935  
809 763-4168

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 340-42-31-062

#### Veterans Affairs Medical and Regional Office Center Program

Veterans Affairs Medical Center (San Juan)

*Program Director:*

Arturo Arche-Matta, MD  
VA Medical Center  
Dept of Physical Med & Rehab  
One Veterans Plaza  
San Juan, PR 00927-5800  
809 758-7575

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)

*Program ID:* 340-42-31-063

## South Carolina

### Charleston

#### Medical University of South Carolina Program\*

Medical University of South Carolina College of Medicine  
MUSC Medical Center

*Program Director:*

James E Warmoth, MD  
Medical University of South Carolina  
171 Ashley Ave Rm 325 CSB  
Charleston, SC 29425  
803 792-2791

*Length:* 3 Year(s)

*Program ID:* 340-45-21-092

\* Updated information not provided.

## Tennessee

### Chattanooga

#### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga  
Erlanger Medical Center

*Program Director:*

James P Little, MD  
Siskin Hospital for Physical Medicine & Rehabilitation  
One Siskin Plaza  
Chattanooga, TN 37403  
615 634-1216

*Length:* 3 Year(s) *Total Positions:*

*Program ID:* 340-47-21-099

## Texas

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center  
Baylor Institute for Rehabilitation

*Program Director:*

Barry S Smith, MD  
Baylor University Medical Center Dept of Phys Med and Rehab  
3500 Gaston Ave  
Dallas, TX 75246-2088  
214 820-7192

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 340-48-31-064

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Dallas Rehabilitation Institute  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

Geetha Pandian, MD  
The University of Texas Southwestern Medical School  
Dept of Phys Med and Rehab  
5323 Harry Hines Blvd  
Dallas, TX 75235-9055  
214 648-8826

*Length:* 3 Year(s) *Total Positions:* 17 (GYI: 0)

*Program ID:* 340-48-21-065

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Institute for Rehabilitation and Research  
Lyndon B Johnson General Hospital  
Methodist Hospital  
St Luke's Episcopal Hospital  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

C George Kevorkian, MD  
Baylor College of Medicine  
Dept of Physical Med & Rehab  
Rm A205.5 TIRR 1333 Moursund Ave  
Houston, TX 77030  
713 799-5033

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 0)

*Program ID:* 340-48-21-066

## San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

San Antonio Warm Springs Rehabilitation Hospital  
University Hospital-South Texas Medical Center

*Program Director:*

Ellen I Leonard, MD  
University of Texas Health Science Center  
Dept of Rehabilitation Medicine  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7798  
210 567-5300

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)

*Program ID:* 340-48-21-067

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

James R Swenson, MD  
Univ of Utah Medical Center Div of Phys Med and Rehab  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7985

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 340-49-21-068

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center  
Mount Vernon Hospital

*Program Director:*

Margarete Di Benedetto, MD  
Department of Physical Medicine and Rehabilitation  
Box BRH-30 University of Virginia  
Health Sciences Center  
Charlottesville, VA 22901  
804 924-8580

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 340-51-21-089

### Norfolk

#### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
DePaul Medical Center  
Sentara Norfolk General Hospital  
Veterans Affairs Medical Center (Hampton)

*Program Director:*

Cynthia L Flick, MD  
Eastern Virginia Medical School  
Dept of Physical Med & Rehab  
825 Fairfax Ave  
Norfolk, VA 23507-1912  
804 446-5915

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 2)

*Program ID:* 340-51-21-081

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

William O McKinley, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980677  
Richmond, VA 23298-0677  
804 828-4230

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID:** 340-51-21-069

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Teresa L Massagli, MD  
University of Washington  
Dept of Rehabilitation Medicine  
RJ-30  
Seattle, WA 98195  
206 685-0936

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 3)

**Program ID:** 340-54-21-070

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics

*Program Director:*

Keith B Sperling, MD  
Univ of Wisconsin Hospital and Clinics Dept of Rehab  
Med  
600 Highland Ave E3/348  
Madison, WI 53792-0001  
608 263-8640

*Length:* 4 Year(s) *Total Positions:* 3 (GYI: 3)

**Program ID:** 340-56-21-072

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyno Hospital  
St Luke's Medical Center

*Program Director:*

Gerda E Klingbeil, MD  
Medical College of Wisconsin  
Dept of Physical Med & Rehab  
1000 N 92nd St  
Milwaukee, WI 53226  
414 259-1414

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 2)

**Program ID:** 340-56-21-071

**Plastic Surgery****Alabama****Birmingham****University of Alabama Medical Center Program**

University of Alabama Hospital  
Children's Hospital of Alabama  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Luis Vasconez, MD  
University of Alabama at Birmingham Div of Plastic  
Surgery  
University Station (MEB-524)  
1813 6th Ave S  
Birmingham, AL 35294-3295  
205 934-3245

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 360-01-21-121

**California****Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital  
Kaiser Foundation Hospital (Fontana)  
Riverside General Hospital-University Medical Center

*Program Director:*

Robert A Hardesty, MD  
Loma Linda University  
Div of Plastic & Reconstructive Sgy  
11234 Anderson St Trailer C  
Loma Linda, CA 92354  
909 824-4176

*Length:* 3 Year(s) *Total Positions:* 6

**Program ID:** 360-05-21-133

**Los Angeles****UCLA Medical Center Program**

UCLA School of Medicine  
LAC-Olive View Medical Center  
Los Angeles County-Harbor-UCLA Medical Center  
UCLA Medical Center  
Veterans Affairs Medical Center (Sepulveda)  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

William W Shaw, MD  
University of California Los Angeles Plastic Surgery  
64-140 CHS  
10833 LeConte Ave  
Los Angeles, CA 90024-1665  
310 825-5582

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 360-05-21-009

**University of Southern California Program**

Los Angeles County-USC Medical Center  
Childrens Hospital of Los Angeles  
City of Hope National Medical Center  
Kaiser Foundation Hospital (West Los Angeles)  
LAC-Rancho Los Amigos Medical Center  
USC University Hospital

*Program Director:*

Randolph Sherman, MD  
University of Southern California  
Div of Plastic Surgery  
1450 San Pablo St Ste 1900  
Los Angeles, CA 90033-4680  
213 342-6480

*Length:* 2 Year(s) *Total Positions:* 8

*Subspecialties:* HSP

**Program ID:** 360-05-21-118

**Orange****University of California (Irvine) Program\***

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

David W Furnas, MD  
University of California (Irvine) Medical Center  
101 City Dr S  
Orange, CA 92668  
714 456-5755

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 360-05-21-008

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (Sacramento)

*Program Director:*

Thomas R Stevenson, MD  
University of California (Davis) Medical Center  
Div of Plastic Surgery  
4301 X St  
Sacramento, CA 95817  
916 734-2568

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 360-05-21-113

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Children's Hospital and Health Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Jack C Fisher, MD  
Div of Plastic Surgery  
UCSD Medical Center  
200 W Arbor Dr  
San Diego, CA 92103-8890  
619 543-6084

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 360-05-21-010

**San Francisco****St Francis Memorial Hospital Program**

St Francis Memorial Hospital  
Davies Medical Center

*Program Director:*

Angelo Capozzi, MD  
Attn: Program Coordinator  
900 Hyde St  
San Francisco, CA 94109  
415 353-6508

*Length:* 3 Year(s) *Total Positions:* 2

**Program ID:** 360-05-22-011

\* Updated information not provided.

### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine  
Davies Medical Center  
Mount Zion Medical Center of the University of California  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*  
Stephen J Mathes, MD  
University of California (San Francisco)  
Div Plastic Surgery  
350 Parnassus #509  
San Francisco, CA 94117  
415 476-3061  
*Length:* 2 Year(s) *Total Positions:* 6  
*Subspecialties:* HSP  
**Program ID: 360-05-22-012**

### Stanford

#### Stanford University Program

Stanford University Hospital  
Kaiser Permanente Medical Center (Santa Clara)  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*  
Stephen A Schendel, DDS MD  
Stanford University Hospital  
NC104 Hoover Pavilion  
Stanford, CA 94305  
415 723-5824  
*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID: 360-05-31-013**

### Colorado

#### Aurora

#### Fitzsimons Army Medical Center Program

Fitzsimons Army Medical Center

*Program Director:*  
Royal K Gerow, MD  
Fitzsimons Army Medical Center  
Plastic Surgery Service  
Aurora, CO 80045-5001  
303 361-3181  
*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID: 360-07-11-002**

#### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Children's Hospital  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*  
Lawrence L Ketch, MD  
University of Colorado Health Sciences Center  
4200 E Ninth Ave C309  
Denver, CO 80262  
303 861-6409  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 360-07-21-122**

### Connecticut

#### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Hospital of St Raphael  
Veterans Affairs Medical Center (West Haven)

*Program Director:*  
John A Persing, MD  
Yale University School of Medicine  
Dept of Surgery (Plastics)  
333 Cedar St YPB-2  
New Haven, CT 06520-8041  
203 785-2570  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID: 360-08-21-015**

### District of Columbia

#### Washington

#### George Washington University Program

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital

*Program Director:*  
Mary H McGrath, MD  
Div of Plastic Surgery  
2150 Pennsylvania Ave NW  
Washington, DC 20037-2396  
202 994-8141  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 360-10-21-018**

#### Georgetown University/Howard University Program

Georgetown University Hospital  
Fairfax Hospital  
Howard University Hospital  
Suburban Hospital  
Union Memorial Hospital  
Veterans Affairs Medical Center (Washington DC)  
Washington Hospital Center

*Program Director:*  
Scott L Spear, MD  
Div of Plastic Surgery  
Georgetown University Med Center  
3800 Reservoir Rd NW#1-PHC  
Washington, DC 20007  
202 687-8761  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID: 360-10-21-017**

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*  
Michael H Mayer, MD  
Chief Plastic Surgery Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1560  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 360-10-11-003**

### Florida

#### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*  
Hal G Bingham, MD  
University of Florida Medical Center  
Div of Plastic Surgery  
Box 100286 JHMHC  
Gainesville, FL 32610-0286  
904 846-0395  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 360-11-21-019**

#### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Cedars Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
Robert H Hunsaker, MD  
University of Miami School of Medicine  
Div of Plastic Surgery (R-88)  
PO Box 016960  
Miami, FL 33101  
305 585-2616  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID: 360-11-21-022**

#### Tampa

#### University of South Florida Program

University of South Florida College of Medicine  
All Children's Hospital  
Florida Hospital  
H Lee Moffitt Cancer Center  
James A Haley Veterans Hospital  
Tampa General Healthcare  
Veterans Affairs Medical Center (Bay Pines)

*Program Director:*  
Thomas J Krizek, MD  
University of South Florida  
Harbourside Medical Tower Ste 730  
Four Columbia Dr  
Tampa, FL 33606  
813 259-0986  
*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID: 360-11-21-128**

### Georgia

#### Atlanta

#### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
Scottish Rite Children's Medical Center  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*  
John Bostwick III, MD  
Div of Plastic Surgery  
1327 Clifton Rd NE  
Atlanta, GA 30322  
404 248-3454  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID: 360-12-21-024**

\* Updated information not provided.

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Kenna S Given, MD  
Medical College of Georgia  
Div of Plastic Surgery  
1115 15th St  
Augusta, GA 30912  
706 721-4620

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 360-12-21-111

**Illinois****Chicago****McGaw Medical Center of Northwestern University Program\***

Northwestern University Medical School  
Children's Memorial Medical Center  
Evanston Hospital  
Northwestern Memorial Hospital  
Shriners Hospital for Crippled Children (Chicago)

*Program Director:*

Thomas A Mustoe, MD  
Northwestern University Medical School  
707 N Fairbanks Ct Ste 811  
Chicago, IL 60611  
312 908-6022

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 360-16-21-025

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Randall E McNally, MD  
Rush-Presbyterian-St Luke's Medical Center  
Dept of Plastic & Reconstr Surg  
1725 W Harrison St #160  
Chicago, IL 60612  
312 942-6542

*Length:* 2 Year(s) *Total Positions:* 2  
*Subspecialties:* HSP  
**Program ID:** 360-16-11-026

**University of Chicago Program**

University of Chicago Hospitals  
Lutheran General Hospital

*Program Director:*

Robert L Walton, MD  
University of Chicago Medical Center  
5841 S Maryland Ave MC6035  
Chicago, IL 60637  
312 702-4111

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 360-16-11-027

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
Cook County Hospital  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics

*Program Director:*

Mimis N Cohen, MD  
University of Illinois at Chicago  
Div of Plastic Surgery M/C 958  
820 S Wood St Ste 515 CSN  
Chicago, IL 60612-7316  
312 996-9313

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 360-16-21-028

**Maywood****Loyola University Program\***

Foster G McGaw Hospital-Loyola University of Chicago  
Children's Memorial Medical Center  
Cook County Hospital  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Raymond L Warpeha, MD  
Foster G McGaw Hospital  
2160 S First Ave  
Bldg 54/Rm 253  
Maywood, IL 60153  
708 216-9000

*Length:* 3 Year(s)  
**Program ID:** 360-16-21-029

**Springfield****Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

Elvin G Zook, MD  
Southern Illinois University School of Medicine #1511  
747 N Rutledge St  
PO Box 19230  
Springfield, IL 62794-9230  
217 524-6314

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 360-16-21-030

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

John J Coleman III, MD  
Indiana University Medical Center  
Emerson Hall Rm 234  
545 Barnhill Dr  
Indianapolis, IN 46202-5124  
317 274-8106

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 360-17-11-031

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

John M Hiebert, MD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7389  
913 588-2000

*Length:* 2 Year(s) *Total Positions:* 4  
*Subspecialties:* HSP  
**Program ID:** 360-19-11-032

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Edward A Luce, MD  
Kentucky Clinic  
Div of Plastic Surgery  
Ste K-454  
Lexington, KY 40536-0284  
606 323-5887

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 360-20-21-033

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Jewish Hospital  
Kosair Children's Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

John H Barker, MD PhD  
Div of Plastic and Reconstructive Surgery  
Dept of Surgery  
University of Louisville  
Louisville, KY 40292  
502 852-6880

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 360-20-21-034

**Louisiana****New Orleans****Louisiana State University Program**

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*

Robert J Allen, MD  
LSU Plastic Surgery Residency Prgm Dept of Surgery  
Sect of Plastic & Reconst Surgery  
1542 Tulane Avenue  
New Orleans, LA 70112-2822  
504 568-7638

*Length:* 2 Year(s) *Total Positions:* 4  
*Subspecialties:* HSP  
**Program ID:** 360-21-11-035

**Tulane University Program**

Tulane University School of Medicine  
Alton Ochsner Medical Foundation  
Medical Center of Louisiana at New Orleans-Tulane  
Division

*Touro Infirmary*

Tulane University Hospital and Clinics

*Program Director:*

Samuel W Parry, MD  
Tulane University Dept of Surgery  
Div of Plastic & Recon Surgery  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5349

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 360-21-21-036

\* Updated information not provided.



## Maryland

### Baltimore

#### Johns Hopkins University/University of Maryland Program\*

Johns Hopkins University School of Medicine  
Children's Hospital and Center for Reconstructive Surgery

Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital  
Union Memorial Hospital  
University of Maryland Medical System

*Program Director:*

Paul N Manson, MD  
Nelson H Goldberg, MD  
Johns Hopkins Hospital  
Div of Plastic Surgery  
601 N Caroline St McElderry 8  
Baltimore, MD 21287-0980  
410 955-6897

*Length:* 2 Year(s) *Total Positions:* 6  
*Program ID:* 360-23-21-037

## Massachusetts

### Boston

#### Brigham and Women's Hospital/Children's Hospital Program

Brigham and Women's Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center  
Children's Hospital

*Program Director:*

Elof Eriksson, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-6324

*Length:* 2 Year(s) *Total Positions:* 4

*Subspecialties:* HSP

*Program ID:* 360-24-21-040

#### Massachusetts General Hospital Program

Massachusetts General Hospital  
New England Medical Center Hospitals

*Program Director:*

James W May Jr, MD  
Massachusetts General Hospital Harvard Medical School  
Div of Plastic Surgery  
15 Parkman St Ste 453  
Boston, MA 02114  
617 726-8220

*Length:* 2 Year(s) *Total Positions:* 4

*Subspecialties:* HSP

*Program ID:* 360-24-21-039

#### New England Deaconess Hospital Program

New England Deaconess Hospital  
Beth Israel Hospital  
Cambridge Hospital  
Newton-Wellesley Hospital

*Program Director:*

Francis G Wolford, MD  
New England Deaconess Hospital  
110 Francis St  
Boston, MA 02215  
617 632-8039

*Length:* 2 Year(s) *Total Positions:* 2

*Subspecialties:* HSP

*Program ID:* 360-24-21-124

## Burlington

### Lahey Clinic Program

Lahey Clinic  
Boston University Medical Center-University Hospital

*Program Director:*

Brooke R Seckel, MD  
Plastic and Reconstructive Surgery  
Lahey Clinic Medical Center  
41 Mall Rd  
Burlington, MA 01805  
617 273-8940

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-24-21-125

## Worcester

### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*

Douglas M Rothkopf, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
S4-751  
Worcester, MA 01655-0328  
508 856-6644

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-24-21-117

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
St Joseph Mercy Hospital (Catherine McAuley Health System)  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

David J Smith Jr, MD  
University of Michigan Medical Center  
Section of Plastic Surgery  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0340  
313 936-8925

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 360-25-21-042

## Detroit

### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Grace Hospital  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Michael J Busuito, MD  
Wayne State University School of Medicine  
6-D University Health Center  
4201 St Antoine  
Detroit, MI 48201  
313 745-8773

*Length:* 2 Year(s) *Total Positions:* 6

*Subspecialties:* HSP

*Program ID:* 360-25-21-043

## Grand Rapids

### Grand Rapids Area Medical Education Center Program

Grand Rapids Area Medical Education Center  
Blodgett Memorial Medical Center  
Butterworth Hospital  
St Mary's Health Services

*Program Director:*

John H Beernink, MD  
Grand Rapids Area Medical Education Center  
240 Cherry St SE  
Grand Rapids, MI 49503  
616 732-6232

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-25-22-044

## Royal Oak

### William Beaumont Hospital Program

William Beaumont Hospital

*Program Director:*

Robert Pool, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-6489

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 360-25-12-045

## Southfield

### Providence Hospital Program

Providence Hospital  
Grace Hospital

*Program Director:*

Ian T Jackson, MD  
Providence Hospital  
16001 W Nine Mile Rd Box 2043  
Southfield, MI 48037  
810 424-3000

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-25-31-046

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Methodist Hospital  
North Memorial Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Bruce L Cunningham, MD  
University of Minnesota Hospital  
515 Delaware St SE  
11-248 MMT/Box 122 UMHC  
Minneapolis, MN 55455  
612 625-1188

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 360-26-21-131

\* Updated information not provided.

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Uldis Bite, MD

Mayo Graduate School of Medicine Application  
Processing Ctr

Mayo Graduate School of Medicine

200 First St SW

Rochester, MN 55905

507 284-4068

*Length: 2 Year(s) Total Positions: 8***Program ID: 360-26-21-047****Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Charles L Puckett, MD

University of Missouri-Columbia

One Hospital Dr

Columbia, MO 65212

314 882-2275

*Length: 2 Year(s) Total Positions: 4***Program ID: 360-28-21-049****Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Children's Mercy Hospital  
Menorah Medical Center  
St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

Federico Gonzalez, MD

Truman Medical Center Section of Plastic Surgery

2301 Holmes St

Kansas City, MO 64108

816 556-3377

*Length: 2 Year(s) Total Positions: 4***Program ID: 360-28-21-050****St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine

Cardinal Glennon Children's Hospital

St Louis University Hospital

St Mary's Health Center

Veterans Affairs Medical Center (St Louis)

*Program Director:*

Sameer I Shehadi, MD

St Louis University School of Medicine

3635 Vista Ave at Grand Blvd

PO Box 15250

St Louis, MO 63110-0250

314 577-8793

*Length: 2 Year(s) Total Positions: 6***Program ID: 360-28-21-051****Washington University Program**

Barnes Hospital

St Louis Children's Hospital

St Louis Regional Medical Center

*Program Director:*

Paul M Weeks, MD

Plastic Surgery 17424 E Pavilion

One Barnes Hospital Plaza

St Louis, MO 63110

314 362-7388

*Length: 2 Year(s) Total Positions: 9**Subspecialties: HSP***Program ID: 360-28-21-052****New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital

Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Joseph M Rosen, MD

Dartmouth-Hitchcock Medical Center

One Medical Center Dr

Lebanon, NH 03756-0001

603 650-8068

*Length: 2 Year(s) Total Positions: 2***Program ID: 360-32-21-129****New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

Children's Hospital of Philadelphia

St Agnes Medical Center

*Program Director:*

Arthur S Brown, MD

Cooper Hospital-University Medical Center

Div of Plastic &amp; Reconstr Surg

3 Cooper Plaza Ste 411

Camden, NJ 08103

609 342-3114

*Length: 2 Year(s) Total Positions: 2***Program ID: 360-33-21-132****Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School

Children's Hospital of New Jersey

Hackensack Medical Center

UMDNJ-University Hospital

*Program Director:*

Gregory E Rauscher, MD

UMDNJ-New Jersey Medical School

D-351 University Hospital

100 Bergen St

Newark, NJ 07103

201 982-4616

*Length: 2 Year(s) Total Positions: 4***Program ID: 360-33-21-119****New Mexico****Albuquerque****University of New Mexico Program**

University of New Mexico School of Medicine

Lovelace Medical Center

University Hospital

Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

James M Nachbar, MD

University of New Mexico School of Medicine

Div of Plastic Surgery

2211 Lomas Blvd NE

Albuquerque, NM 87131-5341

505 272-4264

*Length: 2 Year(s) Total Positions: 2***Program ID: 360-34-21-054****New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital

Child's Hospital

St Peter's Hospital

Veterans Affairs Medical Center (Albany)

*Program Director:*

James G Hoehn, MD

Albany Medical College

Div of Plastic Surgery A-61-PL

47 New Scotland Ave

Albany, NY 12208-3479

518 262-5752

*Length: 2 Year(s) Total Positions: 5***Program ID: 360-35-21-055****Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University

Bronx Municipal Hospital Center

Fishkill Correctional Facility-NY State Dept of Correction

Montefiore Medical Center-Henry and Lucy Moses

Division

Montefiore Medical Center-Weiler Hospital

North Central Bronx Hospital

*Program Director:*

Berish Strauch, MD

AECOM/Montefiore Medical Center

Dept of Plastic Surgery

3331 Bainbridge Ave

Bronx, NY 10467

718 920-5551

*Length: 2 Year(s) Total Positions: 8***Program ID: 360-35-21-064**

\* Updated information not provided.

## Brooklyn

### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Maimonides Medical Center  
New York Methodist Hospital  
University Hospital-SUNY Health Science Center at Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

In Chul Song, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave  
Box 40  
Brooklyn, NY 11203  
718 270-1965

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 360-35-21-069

## East Meadow

### Nassau County Medical Center Program

Nassau County Medical Center  
North Shore University Hospital  
Winthrop-University Hospital

*Program Director:*

Roger L Simpson, MD  
Nassau County Medical Center  
2201 Hempstead TrnPk  
8th Floor DCB  
East Meadow, NY 11554  
516 572-6703

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 360-35-21-058

## New York

### Harlem Hospital Center Program

Harlem Hospital Center

*Program Director:*

Ferdinand A Ofodile, MD  
Harlem Hospital Center  
506 Lenox Ave  
New York, NY 10037  
212 939-3537

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 360-35-21-120

### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Beth Israel Medical Center  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)  
Westchester County Medical Center

*Program Director:*

Lester Silver, MD  
Mt Sinai Hospital/Box 1259  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-5873

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 360-35-21-065

### New York Hospital/Cornell Medical Center Program

New York Hospital  
Memorial Sloan-Kettering Cancer Center

*Program Director:*

Lloyd A Hoffman, MD  
New York Hospital  
525 E 68th St  
Box 115  
New York, NY 10021  
212 746-5511

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 360-35-21-060

### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center  
Manhattan Eye Ear and Throat Hospital  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Joseph G McCarthy, MD  
New York University Medical Center  
Inst of Reconst Plastic Surgery  
550 First Ave  
New York, NY 10016  
212 263-5209

*Length:* 2 Year(s) *Total Positions:* 8

*Subspecialties:* HSP

*Program ID:* 360-35-21-066

### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Norman E Hugo, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032-3784  
212 305-5868

*Length:* 2 Year(s) *Total Positions:* 4

*Subspecialties:* HSP

*Program ID:* 360-35-21-067

### St Luke's-Roosevelt Hospital Center Program

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Peter B Cinelli, MD  
St Luke's-Roosevelt Hospital Center  
114th St & Amsterdam Ave  
Clark Bldg Rm 51002 10th Fl  
New York, NY 10025  
212 523-7783

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 360-35-21-068

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Rochester General Hospital

*Program Director:*

R Christie Wray Jr, MD  
Strong Memorial Hospital of The University of Rochester  
601 Elmwood Ave Box 661  
Rochester, NY 14642-8661  
716 275-5818

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-35-12-070

## North Carolina

### Chapel Hill

### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
Carolinas Medical Center

*Program Director:*

W Thomas Lawrence, MD  
University of North Carolina School of Medicine  
Wing D Medical School  
CB 7195  
Chapel Hill, NC 27599-7195  
919 966-4446

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-36-11-072

## Durham

### Duke University Program

Duke University Medical Center  
Louisville Hand Surgery Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Donald Serafin, MD  
Div of Plastic Reconstructive Maxillofacial & Oral Surgery  
Duke University Medical Center  
Box 3372  
Durham, NC 27710  
919 684-3347

*Length:* 3 Year(s) *Total Positions:* 9

*Program ID:* 360-36-21-073

## Winston-Salem

### Bowman Gray School of Medicine Program\*

North Carolina Baptist Hospital

*Program Director:*

Louis C Argenta, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1075  
919 716-4416

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 360-36-11-074

## Ohio

### Akron

### Akron City Hospital (Summa Health System)/NEOUCOM Program

Akron City Hospital (Summa Health System)  
Akron General Medical Center  
Children's Hospital Medical Center of Akron

*Program Director:*

James M Lewis, MD  
Dept of Plastic Surgery  
525 E Market St  
Akron, OH 44309  
216 374-5363

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-38-21-075

## Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

*Program Director:*

Henry W Neale, MD  
University of Cincinnati Medical Center  
Mail Location 558  
Cincinnati, OH 45267-0558  
513 558-4363

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-38-21-112

\* Updated information not provided.

**Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland  
MetroHealth Medical Center  
Mount Sinai Medical Center of Cleveland  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Brian H Windle, MD  
University Hospitals of Cleveland  
Plastic & Reconstructive Surgery  
11100 Euclid Ave  
Cleveland, OH 44106-5044  
216 844-4782

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID: 360-38-21-078**

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation  
St Vincent Charity Hospital and Health Center

*Program Director:*

Randall J Yetman, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Plastic Surgery  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 360-38-21-079**

**Columbus****Ohio State University Program**

Ohio State University Medical Center  
Children's Hospital  
Mount Carmel Medical Center  
Riverside Methodist Hospitals

*Program Director:*

Robert L Ruberg, MD  
Ohio State University Div of Plastic Surgery  
Rm N-809/Doan Hall  
410 W Tenth Ave  
Columbus, OH 43210-1228  
614 293-8566

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID: 360-38-21-081**

**Dayton (Kettering)****Wright State University Program**

Kettering Medical Center  
Children's Medical Center  
St Elizabeth Medical Center

*Program Director:*

James Apesos, MD  
Kettering Medical Center  
3535 Southern Blvd  
Kettering, OH 45429  
513 296-7209

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 360-38-21-083**

**Toledo****Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
St Vincent Medical Center

*Program Director:*

George J Baibak, MD  
St Vincent Medical Center  
Section of Plastic Surgery  
2213 Cherry St  
Toledo, OH 43608  
419 321-4613

*Length:* 2 Year(s) *Total Positions:* 4

*Subspecialties:* HSP

**Program ID: 360-38-21-084**

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Norman S Levine, MD  
University of Oklahoma Health Sciences Center  
4SP 220 PO Box 26901  
Oklahoma City, OK 73190  
405 271-4864

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID: 360-39-21-085**

**Oregon****Portland****Oregon Health Sciences University Program\***

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Alan E Seyfer, MD  
Oregon Health Sciences University  
3181 SW Sam Jackson Park Rd L352A  
Portland, OR 97201-3098  
503 494-7824

*Length:* 2 Year(s) *Total Positions:* 5

*Subspecialties:* HSP

**Program ID: 360-40-21-116**

**Pennsylvania****Allentown****Lehigh Valley Hospital/Pennsylvania State University Program**

Lehigh Valley Hospital

*Program Director:*

Walter J Okunski, MD  
Plastic Surgeons Professional Group  
1230 S Cedar Crest Blvd  
Ste #204  
Allentown, PA 18103  
610 432-1953

*Length:* 3 Year(s) *Total Positions:* 1

**Program ID: 360-41-22-086**

**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr  
Harrisburg Hospital  
Polyclinic Medical Center  
York Hospital

*Program Director:*

Ernest K Manders, MD  
Milton S Hershey Medical Center of Penn State University  
PO Box 850  
Hershey, PA 17033  
717 531-8372

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 360-41-21-087**

**Philadelphia****Temple University Program**

Temple University Hospital  
Abington Memorial Hospital  
St Christopher's Hospital for Children

*Program Director:*

Amitabha Mitra, MD  
Temple University Hospital  
Dept of Plastic Surgery  
3401 N Broad St  
Philadelphia, PA 19140  
215 707-3933

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 360-41-21-088**

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
Bryn Mawr Hospital  
Children's Hospital of Philadelphia

*Program Director:*

Linton A Whitaker, MD  
University of Pennsylvania Medical Center  
Div of Plastic Surgery  
3400 Spruce St 10 Penn Tower  
Philadelphia, PA 19104-4385  
215 662-7075

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID: 360-41-21-089**

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Allegheny General Hospital  
Children's Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Western Pennsylvania Hospital

*Program Director:*

J William Futrell, MD  
University of Pittsburgh School of Medicine  
668 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9673

*Length:* 2 Year(s) *Total Positions:* 8

*Subspecialties:* HSP

**Program ID: 360-41-21-090**

**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital  
Roger Williams Medical Center  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Lee E Edstrom, MD  
Dept of Plastic Surgery  
110 Lockwood St Ste 236  
Providence, RI 02903  
401 444-4188

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID: 360-43-21-092**

\* Updated information not provided.

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
Charleston Memorial Hospital  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Richard C Hagerty, MD  
Medical Univ of South Carolina Div of Plastic Surgery  
Rm 426 Clinical Science Bldg  
171 Ashley Ave  
Charleston, SC 29425-2271  
803 792-4273

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-45-22-093

## Tennessee

### Chattanooga

#### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga  
Erlanger Medical Center

*Program Director:*

John D Franklin, MD  
Chattanooga Unit-University of Tennessee College of Medicine  
Dept of Plastic Surgery  
979 E Third St Ste 900  
Chattanooga, TN 37403  
615 756-7134

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 360-47-11-094

### Memphis

#### University of Tennessee Program\*

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Methodist Hospital-Central Unit  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Charles E White, MD  
Dept of Plastic Surgery  
956 Court Ave Rm G230  
Memphis, TN 38163  
901 577-4541

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-47-31-095

### Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
Baptist Hospital  
Metropolitan Nashville General Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

John B Lynch, MD  
Vanderbilt University Hospital  
2100 Pierce Ave  
230 MCS  
Nashville, TN 37232-3631  
615 936-0160

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 360-47-21-096

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Baylor University Medical Center  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)  
Zale-Lipsky University Hospital

*Program Director:*

Rod J Rohrich, MD  
University of Texas Southwestern Medical Center  
Div of Plastic Surgery  
5323 Harry Hines Blvd  
Dallas, TX 75235-0132  
214 648-3571

*Length:* 2 Year(s) *Total Positions:* 10

*Subspecialties:* HSP

*Program ID:* 360-48-21-097

### Galveston

#### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals  
Shriners Burns Institute

*Program Director:*

Linda G Phillips, MD  
Div of Plastic Surgery  
University of Texas Med Branch  
301 University Blvd  
Galveston, TX 77555-0724  
409 772-1255

*Length:* 3 Year(s) *Total Positions:* 10

*Program ID:* 360-48-11-098

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
St Luke's Episcopal Hospital  
Texas Children's Hospital  
University of Texas M D Anderson Cancer Center  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Saleh M Shenaq, MD  
Baylor College of Medicine  
Div of Plastic Surgery  
6560 Fannin #800  
Houston, TX 77030  
713 798-6141

*Length:* 2 Year(s) *Total Positions:* 6

*Subspecialties:* HSP

*Program ID:* 360-48-31-099

#### St Joseph Hospital Program

St Joseph Hospital

*Program Director:*

Benjamin E Cohen, MD  
St Joseph Hospital  
1919 La Branch  
1-GWS - Library  
Houston, TX 77002  
713 757-1000

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-48-12-100

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital

*Program Director:*

Donald H Parks, MD  
University of Texas Medical School at Houston  
6431 Fannin MSMB Rm 4152  
Houston, TX 77030-1501  
713 792-5414

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 360-48-31-101

### Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)  
Brooke Army Medical Center  
Louisville Hand Surgery Center  
Naval Medical Center (Portsmouth)  
Texas Tech University Health Sciences Center at Lubbock

*Program Director:*

Lt Col Rasa S Silenas, MD  
Wilford Hall Medical Center/SGHSP  
Dept of Plastic Surgery  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-7248

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 360-48-12-001

### Temple

#### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital  
Olin E Teague Veterans Center

*Program Director:*

Peter C Grothaus, MD  
Texas A&M-Scott and White  
Graduate Medi Educ.  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 360-48-21-130

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Holy Cross Hospital  
Primary Children's Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Leland R Chick, MD  
Div of Plastic and Reconstructive Surgery  
50 N Medical Dr #3C127  
Salt Lake City, UT 84132  
801 581-7719

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 360-49-21-103

\* Updated information not provided.

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Raymond F Morgan, MD

University of Virginia Health Sciences Center

Box 376

Charlottesville, VA 22908

804 924-1234

*Length:* 2 Year(s) *Total Positions:* 4

*Subspecialties:* HSP

**Program ID:** 360-51-11-104

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth

University

Hunter Holmes McGuire VA Medical Center (Richmond)

Medical College of Virginia Hospitals

St Mary's Hospital

*Program Director:*

Austin I Mehrhof Jr, MD DDS

MCV/Virginia Commonwealth Univ

PO Box 980154

Richmond, VA 23298-0154

804 828-3030

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 360-51-21-108

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine

Children's Hospital and Medical Center

Harborview Medical Center

University of Washington Medical Center

Valley Medical Center

Veterans Affairs Medical Center (Seattle)

*Program Director:*

Loren H Engrav, MD

University of Washington

School of Medicine

Mail Stop ZA-16

Seattle, WA 98104

206 223-3209

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 360-54-21-123

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

Meriter Hospital

St Marys Hospital Medical Center

*Program Director:*

David G Dibbell Sr, MD

Univ of Wisconsin Hosp and Clinics

600 Highland Ave Rm G5/355

Madison, WI 53792

608 263-1367

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 360-56-21-109

## Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

Children's Hospital of Wisconsin

Clement J Zablocki Veterans Affairs Medical Center

Froedtert Memorial Lutheran Hospital

John L Doyno Hospital

*Program Director:*

David L Larson, MD

Medical College of Wisconsin Dept of Plastic Surgery

MCW Clinics at Froedtert

9200 W Wisconsin Ave

Milwaukee, WI 53226-3596

414 454-5477

*Length:* 2 Year(s) *Total Positions:* 4

*Subspecialties:* HSP

**Program ID:** 360-56-21-110

## Preventive Medicine-Aerospace Medicine (Preventive Medicine-General)

## Florida

### Pensacola

#### Naval Aerospace and Operational Medical Institute Program\*

Naval Aerospace and Operational Medical Institute

*Program Director:*

F H Jenkins, MD MPH

Naval Aerospace & Operational Medical Institute

Academics Dept Code 32

220 Hovey Rd

Pensacola, FL 32508-1047

904 452-2741

*Length:* 1 Year(s) *Total Positions:* 15 (GYI: 0)

**Program ID:** 385-11-21-002

## Ohio

### Dayton

#### Wright State University Program\*

Wright State University School of Medicine

*Program Director:*

Stanley R Mohler, MD

Wright State Univ Sch of Med Dept of Community Health

Aerospace Medicine

PO Box 927

Dayton, OH 45401-0927

513 276-8338

*Length:* 2 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID:** 385-38-21-005

## Texas

### San Antonio

#### USAF School of Aerospace Medicine Program\*

USAF School of Aerospace Medicine

*Program Director:*

Tommie Gene Church, MD MPH

USAF School of Aerospace Medicine/AF

Dept of Aerospace Medicine

Brooks AFB, TX 78235-5301

512 536-2844

*Length:* 1 Year(s) *Total Positions:* 57 (GYI: 0)

**Program ID:** 385-48-21-001

\* Updated information not provided.

## Preventive Medicine-General

### Arizona

#### Tucson

##### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center

*Program Director:*

D H Cordes, MD MPH  
University of Arizona Health Sciences Center  
Dept of Family and Community Med  
Tucson, AZ 85724  
602 626-4609

*Length:* 2 Year(s) *Total Positions:* 10 (GYI: 0)

**Program ID: 380-03-21-007**

### California

#### Berkeley

##### University of California School of Public Health Program

University of California School of Public Health

*Program Director:*

James P Seward, MD MPP  
University of California Berkeley  
School of Public Health  
140 Earl Warren Hall  
Berkeley, CA 94720  
510 642-6979

*Length:* 2 Year(s) *Total Positions:* 12 (GYI: 2)

**Program ID: 380-05-32-008**

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Linda H Ferry, MD MPH  
Loma Linda University Medical Center  
Nichol Hall Rm 1202  
Loma Linda, CA 92354  
909 824-4918

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 2)

**Program ID: 380-05-21-033**

#### Los Angeles

##### UCLA School of Public Health Program

UCLA School of Public Health

*Program Director:*

Alfred K Neumann, MD MPH  
University of California Los Angeles School of Public Health  
Preventive Medicine Prgm  
10833 Le Conte Ave. 71-236C CHS  
Los Angeles, CA 90024-1772  
310 825-5081

*Length:* 2 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 380-05-21-010**

### San Diego

##### University of California (San Diego)/San Diego State University Program

University of California (San Diego) Medical Center  
Graduate School of Public Health

*Program Director:*

Linda Hill, MD MPH  
UCSD-SDSU Dept of General Preventive Medicine  
San Diego State University  
5300 Campanile Dr  
San Diego, CA 92182-0567  
619 594-5332

*Length:* 2 Year(s) *Total Positions:* 9 (GYI: 0)

**Program ID: 380-05-21-038**

### Colorado

#### Denver

##### University of Colorado Program

University of Colorado Health Sciences Center

*Program Director:*

William M Marine, MD MPH  
University of Colorado Health Sciences Center  
Box C-245 4200 E Ninth Ave  
Denver, CO 80262  
303 270-6850

*Length:* 2 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 380-07-21-041**

### District of Columbia

#### Washington

##### Walter Reed Army Institute of Research Program

Walter Reed Army Institute of Research

*Program Director:*

Bruno P Petrucci, MD MPH  
Div of Preventive Medicine WRAIR  
Bldg 40 Rm 2094  
6825 16th St NW  
Washington, DC 20307-5100  
202 782-1312

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 380-10-21-002**

### Hawaii

#### Honolulu

##### University of Hawaii School of Public Health Program

University of Hawaii at Manoa School of Public Health

*Program Director:*

Alan R Katz, MD MPH  
University of Hawaii  
School of Public Health  
1960 East-West Rd D-104-D  
Honolulu, HI 96822  
808 956-5781

*Length:* 2 Year(s) *Total Positions:* 20 (GYI: 0)

**Program ID: 380-14-12-012**

### Kentucky

#### Lexington

##### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
University of Kentucky College of Medicine

*Program Director:*

Terence R Collins, MD  
University of Kentucky College of Medicine  
Dept of Preventive Medicine  
1141 Red Mile Rd Ste 201  
Lexington, KY 40504  
606 323-5166

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

**Program ID: 380-20-21-039**

### Louisiana

#### New Orleans

##### Tulane University School of Public Health and Tropical Medicine Program

Tulane Univ School of Public Health and Tropical Medicine

*Program Director:*

Marie A Krousel-Wood, MD MSPH  
Community Medical Prgm  
1430 Tulane Ave SL14  
New Orleans, LA 70112-2699  
504 588-5571

*Length:* 2 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 380-21-21-014**

### Maryland

#### Baltimore

##### Johns Hopkins University School of Hygiene and Public Health Program\*

Johns Hopkins University School of Hygiene/Public Health

*Program Director:*

Andrew L Dannenberg, MD MPH  
Johns Hopkins Univ School of Hygiene and Public Health  
624 N Broadway Rm 527  
Baltimore, MD 21205  
410 955-3630

*Length:* 2 Year(s) *Total Positions:* 26 (GYI: 1)

**Program ID: 380-23-11-015**

##### University of Maryland Program

University of Maryland School of Medicine

*Program Director:*

Judith D Rubin, MD MPH  
Dept of Epidemiology & Preventive Medicine  
Univ of Maryland School of Medicine  
660 W Redwood St  
Baltimore, MD 21201-1596  
410 706-2864

*Length:* 2 Year(s) *Total Positions:* 7 (GYI: 0)

**Program ID: 380-23-11-016**

\* Updated information not provided.

**Bethesda****Uniformed Services University of the Health Sciences Program**

USUHS F Edward Herbert School of Medicine

*Program Director:*

Brian H Feighner, MD MPH  
 Uniformed Serv University of the Health Sciences  
 Rm A1040 PMB  
 4301 Jones Bridge Rd  
 Bethesda, MD 20814-4799  
 301 295-3717

*Length:* 2 Year(s) *Total Positions:* 16 (GYI: 0)**Program ID:** 380-23-21-044**Massachusetts****Boston****Boston University Program\***

Boston University Medical Center-University Hospital  
 Boston Department of Health and Hospitals  
 Boston University School of Medicine  
 Boston University School of Public Health  
 Edith Nourse Rogers Memorial Veterans Hospital

*Program Director:*

Donald C Kern, MD  
 Boston University Medical Center  
 720 Harrison Ave Rm 1108  
 Boston, MA 02118  
 617 638-5470

*Length:* 2 Year(s)**Program ID:** 380-24-21-037**Carney Hospital Program**

Carney Hospital  
 Boston University School of Public Health

*Program Director:*

Paul Hattis, MD  
 Carney Hospital  
 2100 Dorchester Ave  
 Boston, MA 02124-5666  
 617 296-4220

*Length:* 2 Year(s) *Total Positions:* 20 (GYI: 0)**Program ID:** 380-24-21-043**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
 University of Massachusetts Medical School

*Program Director:*

Roger S Luckmann, MD  
 Department of Family and Community Medicine  
 Univ of Massachusetts Medical Ctr  
 55 Lake Ave N  
 Worcester, MA 01655  
 508 856-4150

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)**Program ID:** 380-24-21-018**Minnesota****Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Rochester)  
 University of Minnesota School of Public Health

*Program Director:*

Robert Orford, MD MS MPH  
 Mayo Graduate School of Medicine Application  
 Processing Ctr  
 Mayo Graduate School of Medicine  
 200 First St SW  
 Rochester, MN 55905  
 507 284-3126

*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 0)**Program ID:** 380-26-21-020**New York****Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium

Buffalo General Hospital

*Program Director:*

Michael F Noe, MD MPH  
 State University of New York at Buffalo  
 Dept of Social and Preventive Med  
 3435 Main St 270 Farber Hall  
 Buffalo, NY 14214  
 716 829-2975

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)**Program ID:** 380-35-21-045**New York****Cornell University Medical College Program**

Cornell University Medical College

*Program Director:*

Lewis M Drusin, MD MPH  
 New York Hospital-Cornell Medical Center  
 525 E 68th St  
 New York, NY 10021  
 212 746-1754

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)**Program ID:** 380-35-21-023**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
 Mount Sinai Medical Center

*Program Director:*

Clyde B Schechter, MD  
 One Gustave L Levy Pl  
 Box 1043  
 New York, NY 10029  
 212 241-7844

*Length:* 2 Year(s) *Total Positions:* 8 (GYI: 0)**Program ID:** 380-35-21-024**Valhalla****New York Medical College Program\***

New York Medical College  
 Mount Vernon Hospital  
 Westchester County Department of Health

*Program Director:*

Joseph A Cimino, MD  
 Dept of Community & Preventive Medicine  
 New York Med Coll/Munger Pavilion  
 Valhalla, NY 10595  
 914 993-4253

*Length:* 1 Year(s) *Total Positions:***Program ID:** 380-35-31-047**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals  
 University of North Carolina School of Medicine

*Program Director:*

Desmond K Runyan, MD DRPH  
 Preventive Medicine Residency Program  
 Wing D CB#7240  
 University of North Carolina  
 Chapel Hill, NC 27599-7240  
 919 962-1136

*Length:* 2 Year(s) *Total Positions:* 10 (GYI: 0)**Program ID:** 380-36-21-026**Tennessee****Nashville****George W Hubbard Hospital of Meharry Medical College Program\***

George W Hubbard Hospital of Meharry Medical College

*Program Director:*

Richard A Carter, MD MPH  
 Meharry Medical College  
 Dr D B Todd Jr Blvd  
 Nashville, TN 37208  
 615 327-6737

*Length:* 3 Year(s)**Program ID:** 380-47-21-028**Wisconsin****Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
 Medical College of Wisconsin

*Program Director:*

Mark A Roberts, MD PhD  
 Dept of Preventive Medicine  
 Medical College of Wisconsin  
 8701 Watertown Plank Rd  
 Milwaukee, WI 53226  
 414 456-4500

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)*Subspecialties:* OM**Program ID:** 380-56-21-031

\* Updated information not provided.



# Preventive Medicine-Occupational Medicine (Preventive Medicine-General)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
University of Alabama at Birmingham School of Public Health  
University of Alabama School of Medicine

*Program Director:*

Timothy J Key, MD  
University of Alabama Medical Center  
930 20th St S  
Birmingham, AL 35205  
205 934-7303

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 390-01-21-049

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine

*Program Director:*

D H Cordes, MD MPH  
University of Arizona Health Sciences Center  
Dept of Family and Community Med  
Tucson, AZ 85724  
602 626-4609

*Length:* 2 Year(s) (GYI: 0)  
*Program ID:* 390-03-21-022

## California

### Davis

#### University of California (Davis) Program

University of California (Davis) School of Medicine  
University of California (Davis) Medical Center  
University of California School of Public Health

*Program Director:*

Stephen A McCurdy, MD  
University of California Davis  
Occupational/Env Med & Epidemiology  
ITEH Old Davis Rd  
Davis, CA 95616-8648  
916 752-3317

*Length:* 2 Year(s) *Total Positions:* 7 (GYI: 2)  
*Program ID:* 390-05-21-048

## Irvine

#### University of California (Irvine) Program

University of California (Irvine) College of Medicine  
UCLA School of Public Health

*Program Director:*

Dean B Baker, MD MPH  
University of California Irvine  
Irvine Occupational Health Center  
19722 MacArthur Blvd  
Irvine, CA 92715  
714 856-8641

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 390-05-21-005

## Los Angeles

#### University of Southern California Program

University of Southern California School of Medicine  
UCLA School of Public Health

*Program Director:*

John M Peters, MD  
Division of Occupational & Environmental Medicine  
USC School of Medicine  
1540 Alcazar Street Ste 236  
Los Angeles, CA 90033  
213 342-1096

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-05-21-036

## San Francisco

#### University of California (San Francisco) Program

University of California (San Francisco) School of Medicine

San Francisco General Hospital Medical Center  
University of California School of Public Health

*Program Director:*

John R Balmes, MD  
University of California (San Francisco)  
Campus Box 0843  
San Francisco, CA 94143-0843  
415 206-5200

*Length:* 2 Year(s) *Total Positions:* 5 (GYI: 0)  
*Program ID:* 390-05-21-023

## Colorado

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
National Jewish Ctr for Immunology and Respiratory Medicine

*Program Director:*

Kathleen Kreiss, MD  
National Jewish Center for Immunology and Respiratory Med  
Div of Occup and Environ Medicine  
1400 Jackson St  
Denver, CO 80206  
303 398-1520

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-07-21-053

## Connecticut

### Farmington

#### University of Connecticut Program

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Michael J Hodgson, MD MPH  
University of Connecticut Health Center  
Sect of Occupational & Envir Med  
Bldg 12 MC 6105  
Farmington, CT 06030  
203 679-2366

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-08-21-058

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital

*Program Director:*

Mark R Cullen, MD  
Occupational and Environmental Medicine  
Yale University School of Medicine  
135 College St Rm 366  
New Haven, CT 06510-2483  
203 785-5885

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 390-08-21-047

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Rosemary K Sokas, MD  
GWU/Div of Occupational Health  
The Warwick Bldg  
2300 K St NW Rm 201  
Washington, DC 20037  
202 994-1734

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 390-10-21-056

## Florida

### Tampa

#### University of South Florida Program

University of South Florida College of Medicine  
Tampa General Healthcare  
University of South Florida College of Public Health

*Program Director:*

Stuart M Brooks, MD  
Dept of Environment & Occupational Health  
U of South Florida Coll of Pub Hlth  
13201 Bruce B Downs Blvd  
Tampa, FL 33612-3805  
813 974-6626

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 390-11-21-060

\* Updated information not provided.

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Public Health

*Program Director:*

Howard Frumkin, MD DrPH

Emory University School of Public Health

1518 Clifton Rd

Atlanta, GA 30322

404 727-3697

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 390-12-21-054**

## Illinois

### Chicago

#### Cook County Board of Commissioners Program

Cook County Hospital

University of Illinois School of Public Health

*Program Director:*

Stephen M Hessel, MD MPH

Cook County Hospital

Karl Meyer Hall

720 S Wolcott St Rm 13-A

Chicago, IL 60612

312 633-5310

*Length:* 2 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 390-16-21-030**

#### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago

University of Illinois Hospital and Clinics

University of Illinois School of Public Health

*Program Director:*

Stephen Hessel, MD MPH

Environmental and Occupational Medicine

212 BGRC

1940 W Taylor St M/C 678

Chicago, IL 60612-7321

312 996-1063

*Length:* 2 Year(s) *Total Positions:* 5 (GYI: 0)

**Program ID: 390-16-12-007**

## Indiana

### Indianapolis

#### Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Guy F Perry Jr, MD

Methodist Hospital of Indiana Inc.

1701 N Senate Blvd

PO Box 1387

Indianapolis, IN 46206-0299

317 929-2126

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 2)

**Program ID: 390-17-21-044**

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Nancy L Sprince, MD MPH

University of Iowa Hospitals and Clinics

Occupational Medicine Residency Pgm

100 Oakdale Campus-#124 AMRF

Iowa City, IA 52242

319 335-4207

*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 0)

**Program ID: 390-18-21-041**

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center

University of Kentucky College of Medicine

*Program Director:*

Arthur L Frank, MD

University of Kentucky College of Medicine

Dept of Preventive Medicine

1141 Red Mile Rd Ste 201

Lexington, KY 40504-0084

606 323-5166

*Length:* 2 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 390-20-21-039**

## Maryland

### Aberdeen Proving Ground

#### US Army Environmental Hygiene Agency Program

US Army Center for Health Promotion and Preventive

Medicine

Johns Hopkins University School of Hygiene/Public

Health

*Program Director:*

Joel C Gaydos, MD MPH

US Army Center for Health Promotion & Preventive

Medicine

Attn:#MCHB-ZM-R

Edgewood Area

Aberdeen Proving Ground, MD 21010-5422

410 671-4312

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 390-23-12-001**

### Baltimore

#### Johns Hopkins University School of Hygiene and Public Health Program

Johns Hopkins University School of Hygiene/Public

Health

*Program Director:*

Brian S Schwartz, MD

The Johns Hopkins University

School of Hygiene & Public Health

615 N Wolfe St Rm 7041

Baltimore, MD 21205

410 955-4157

*Length:* 2 Year(s) *Total Positions:* 9 (GYI: 0)

**Program ID: 390-23-21-024**

## Bethesda

#### Uniformed Services University of the Health Sciences Program

USUHS F Edward Herbert School of Medicine

*Program Director:*

Gail M Gullickson, MD

Uniformed Services University of the Health Sciences

4301 Jones Bridge Rd

Rm A1040

Bethesda, MD 20814-4799

301 295-3717

*Length:* 2 Year(s) *Total Positions:* 16 (GYI: 0)

**Program ID: 390-23-21-046**

## Massachusetts

### Boston

#### Boston University Program

Boston University Medical Center-University Hospital

Boston University School of Public Health

*Program Director:*

Cheryl S Barbanel, MD MBA MPH

Occupational Health Program

Boston University Medical Center

Hospital

Boston, MA 02118-2393

617 638-8400

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 390-24-21-045**

#### Harvard School of Public Health Program

Harvard School of Public Health

*Program Director:*

David C Christiani, MD

Harvard University School of Public Health

665 Huntington Ave

Boston, MA 02115-9957

617 432-3323

*Total Positions:* 18 (GYI: 9)

**Program ID: 390-24-12-008**

### Worcester

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

School of Public Health and Health Sciences

University of Massachusetts Medical School

*Program Director:*

Glenn Pransky, MD MPH

University of Massachusetts Medical Center

Occupational Medicine Residency Pgm

55 Lake Ave N

Worcester, MA 01655-2398

508 856-4159

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 390-24-21-051**

\* Updated information not provided.

## Michigan

### Ann Arbor

#### University of Michigan School of Public Health Program\*

University of Michigan School of Public Health

*Program Director:*

David H Garabrant, MD  
University of Michigan  
School of Public Health  
1420 Washington Heights  
Ann Arbor, MI 48109-2029  
313 764-2594

*Length:* 2 Year(s) *Total Positions:* 14 (GYI: 0)  
*Program ID:* 390-25-21-031

### Detroit

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center

*Program Director:*

Mark J Upfal, MD MPH  
Occupational & Environmental Medicine  
4201 St Antoine UHC 4J  
Detroit, MI 48201  
313 577-6852

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-25-21-057

## Minnesota

### St Paul

#### St Paul-Ramsey Medical Center Program

St Paul-Ramsey Medical Center  
University of Minnesota School of Public Health

*Program Director:*

William H Lohman, MD  
St Paul-Ramsey Medical Center  
640 Jackson St  
St Paul, MN 55101  
612 221-3771

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 390-26-21-025

## Missouri

### St Louis

#### St Louis University School of Medicine Program

St Louis University School of Medicine

*Program Director:*

Karen B Webb, MD MPH  
HealthLine Corporate Health Services  
1415 Olive St 3rd Fl  
St Louis, MO 63103  
314 436-9440

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-28-21-052

## New Jersey

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School

*Program Director:*

Michael Gochfeld, MD PhD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Envir & Community Medicine  
675 Hoes Ln  
Piscataway, NJ 08854-5635  
908 932-0180

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-33-21-035

## New York

### New York

#### Columbia University School of Public Health Program

Columbia University School of Public Health  
Morristown Memorial Hospital

*Program Director:*

Paul W Brandt-Rauf, SCD MD DPH  
Columbia University School of Public Health  
60 Haven Ave B-1  
New York, NY 10032  
212 305-3464

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 390-35-21-033

#### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Steven B Markowitz, MD  
Mount Sinai School of Medicine  
One Gustave L Levy Pl Box 1057  
New York, NY 10029  
212 241-7947

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-35-21-015

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center  
University of North Carolina School of Public Health

*Program Director:*

Woodhall Stopford, MD MSPH  
Duke University Medical Center  
PO Box 2914  
Durham, NC 27710  
919 286-3232

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 390-36-21-032

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

*Program Director:*

Douglas H Linz, MD  
Occupational and Environmental Medicine  
University of Cincinnati  
PO Box 670182  
Cincinnati, OH 45267-0182  
513 558-0030

*Length:* 2 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 390-38-21-017

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

MedWork Occupational Health Network (Tulsa)  
University Hospital and Clinics

*Program Director:*

Lynn V Mitchell, MD MPH  
University of Oklahoma Health Sciences Center  
Dept of Family Medicine  
800 NE 15th St Rm 520  
Oklahoma City, OK 73104  
405 271-6177

*Length:* 2 Year(s) *Total Positions:* 14 (GYI: 0)  
*Program ID:* 390-39-21-040

## Pennsylvania

### Pittsburgh

#### University of Pittsburgh Graduate School of Public Health Program

University of Pittsburgh Graduate School of Public Health

*Program Director:*

David J Tollerud, MD  
Bertram D Dinman, MD  
University of Pittsburgh Graduate School of Public Health  
0111 Parran Hall  
Pittsburgh, PA 15261  
412 624-3155

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 390-41-21-038

## Tennessee

### Nashville

#### George W Hubbard Hospital of Meharry Medical College Program

George W Hubbard Hospital of Meharry Medical College

*Program Director:*

Jory S Simmons, MD MSPH  
Meharry Medical College  
Dept Family and Preventive Med  
1005 Dr D. B. Todd Jr Blvd  
Nashville, TN 37208  
615 327-6736

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 2)  
*Program ID:* 390-47-21-029

\* Updated information not provided.

**Texas****Houston****University of Texas School of Public Health Program**

University of Texas School of Public Health

*Program Director:*

George L Delclos, MD MPH

University of Texas School of Public Health

PO Box 20186

Houston, TX 77225-0186

713 792-7456

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)*Program ID:* 390-48-21-019**Tyler****University of Texas Health Center at Tyler Program\***

University of Texas Health Center at Tyler

University of Texas School of Public Health

*Program Director:*

Jeffrey L Levin, MD MSPH

Div of Occupational &amp; Environmental Medicine

PO Box 2003

Tyler, TX 75710

903 877-7262

*Length:* 2 Year(s) *Total Positions:**Program ID:* 390-48-21-061**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center

University of Utah School of Medicine

*Program Director:*

Royce Moser Jr, MD

Anthony Suruda, MD MPH

University of Utah RMC/OEH/DFPM

Occupational Medicine Program

Bldg 512

Salt Lake City, UT 84112

801 581-3841

*Length:* 2 Year(s) *Total Positions:* 5 (GYI: 0)*Program ID:* 390-49-21-026**Washington****Seattle****University of Washington School of Public Health and Community Medicine Program\***

University of Washington School of Public Health

*Program Director:*

Scott Barnhart, MD MPH

Harborview Medical Center

325 Ninth Ave ZA-66

Seattle, WA 98104-2499

206 223-3388

*Length:* 2 Year(s) *Total Positions:* 7 (GYI: 3)*Program ID:* 390-54-21-034**West Virginia****Morgantown****West Virginia University Program**

West Virginia University School of Medicine

Kanawha-Charleston Health Department

West Virginia University Hospitals

*Program Director:*

Alan Ducatman, MD

West Virginia University School of Medicine

3313 HSS

PO Box 9190

Morgantown, WV 26506-9190

304 293-3693

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 3)*Program ID:* 390-55-21-055**Wisconsin****Milwaukee****Medical College of Wisconsin Program A**

Medical College of Wisconsin Affiliated Hospitals Inc

Medical College of Wisconsin

*Program Director:*

Mark A Roberts, MD PhD

Occupational Medicine Prgm Dir

8701 Watertown Plank Rd

Milwaukee, WI 53226

414 456-4500

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)*Program ID:* 390-56-21-050**Medical College of Wisconsin Program B**

Medical College of Wisconsin Affiliated Hospitals Inc

Medical College of Wisconsin

*Program Director:*

J Steven Moore, MD

Medical College of Wisconsin

Dept of Preventive Medicine

8701 Watertown Plank Rd

Milwaukee, WI 53226

414 456-4500

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 0)*Program ID:* 390-56-31-059**Preventive  
Medicine-Public  
Health (Preventive  
Medicine-General)****California****Sacramento****California Department of Health Services Program**

California Department of Health Services

UCLA School of Public Health

University of California School of Public Health

*Program Director:*

Kathleen H Acree, MD JD MPH

Richard K Sun, MD MPH

Chronic Disease Control Branch MS-725

California Dept of Health Services

PO Box 942732 601 N Seventh St

Sacramento, CA 94234-7320

916 327-6985

*Length:* 2 Year(s) *Total Positions:* 7 (GYI: 0)*Program ID:* 395-05-21-027**Florida****West Palm Beach****Palm Beach County Public Health Unit Program**

Palm Beach County Public Health Unit

*Program Director:*

Jean M Malecki, MD MPH

Palm Beach County Public Health Unit

PO Box 29

826 Evernia St

West Palm Beach, FL 33402

407 355-3119

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 2)*Program ID:* 395-11-11-004**Illinois****Springfield****Illinois Department of Public Health Program**

Illinois Department of Public Health

University of Illinois School of Public Health

*Program Director:*

Byron J Francis, MD

Illinois Department of Public Health

525 W Jefferson St

Springfield, IL 62761

217 785-7165

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)*Program ID:* 395-16-32-005

\* Updated information not provided.

## Maryland

### Baltimore

#### Maryland State Department of Health and Mental Hygiene Program

Maryland State Department of Health and Mental Hygiene  
George Washington University Hospital  
Johns Hopkins University School of Hygiene/Public Health

*Program Director:*

Chinnadurai Devadason, MD DPH  
Department of Health and Mental Hygiene  
201 W Preston St  
Baltimore, MD 21201  
410 225-5300

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 395-23-32-007

## Missouri

### St Louis

#### St Louis University School of Medicine Program

St Louis University School of Medicine  
Missouri Department of Health

*Program Director:*

James R Kimmey, MD MPH  
A Lesley McLaren, MD MPH  
St Louis University Health Science Centers  
Office of the Vice President  
3556 Caroline St  
St Louis, MO 63104-1085  
314 577-8100

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 395-28-21-028

## New Jersey

### Trenton

#### New Jersey State Department of Health Program

State of New Jersey Department of Health

*Program Director:*

Andrew D Miller, MD MPH  
New Jersey Department of Health  
CN 364  
50 E State St 6th Fl  
Trenton, NJ 08625-0364  
609 292-4043

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 395-33-21-011

## New York

### New York

#### New York City Department of Health Program

New York City Department of Health  
Columbia University School of Public Health

*Program Director:*

Doris Goldberg, MD MPH  
New York City Department of Health  
Box 12 Rm 707B  
346 Broadway  
New York, NY 10013  
212 442-3529

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)

*Program ID:* 395-35-21-013

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital

*Program Director:*

Evelyn P Whitlock, MD MPH  
Oregon Health Sciences University CB 669  
Dept of Public Health & Prev Med  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-2559

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)

*Program ID:* 395-40-31-016

## Texas

### Austin

#### Texas Department of Health Program

Texas Department of Health

*Program Director:*

Richard O Proctor, MD MPH&TM  
Texas Department of Health  
10500 Forum Place Dr  
Ste 500  
Houston, TX 77036-8599  
713 414-6500

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)

*Program ID:* 395-48-12-018

## Virginia

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Commonwealth of Virginia Department of Health  
Medical College of Virginia Hospitals

*Program Director:*

William R Nelson, MD MPH  
MCV/Virginia Commonwealth Univ  
PO Box 980212  
Richmond, VA 23298-0212  
804 828-9785

*Length:* 2 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 395-51-31-020

## Washington

### Tacoma

#### Madigan Army Medical Center Program\*

Madigan Army Medical Center

*Program Director:*

Margot R Krauss, MD MPH  
Madigan Army Medical Center  
Preventive Medicine Service  
Tacoma, WA 98431  
206 868-4479

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 395-54-21-026

\* Updated information not provided.

# Preventive Medicine-Public Health and General Preventive Medicine (Preventive Medicine-General)

## Georgia

### Atlanta

#### Centers for Disease Control and Prevention Program\*

Centers for Disease Control and Prevention

*Program Director:*

Arthur P Liang, MD

Centers for Disease Control and Prevention

1600 Clifton Rd NE MS C08

Atlanta, GA 30333

404 639-3187

*Length:* 1 Year(s) *Total Positions:* 27 (GYI: 15)

*Program ID:* 397-12-21-011

#### Emory University Program\*

Emory University School of Medicine

Emory University School of Public Health

Georgia Dept of Human Resources-Division of Public Health

Grady Memorial Hospital

Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Richard B Rothenberg, MD MPH

Dept of Family and Preventive Medicine

Emory Univ School of Public Health

69 Butler St SE

Atlanta, GA 30303

404 616-5606

*Length:* 2 Year(s) *Total Positions:*

*Program ID:* 397-12-31-015

#### Morehouse School of Medicine Program

Morehouse School of Medicine

Georgia Dept of Human Resources-Division of Public Health

*Program Director:*

Beverly D Taylor, MD

Morehouse School of Medicine Dept Community

Health/Prev Med

720 Westview Dr SW

Atlanta, GA 30310-1495

404 752-1620

*Length:* 2 Year(s) *Total Positions:* 7 (GYI: 0)

*Program ID:* 397-12-21-008

## New York

### Albany

#### SUNY at Albany School of Public Health Program

New York State Department of Health

University of Albany School of Public Health

*Program Director:*

Guthrie S Birkhead, MD MPH

651 Corning Tower

Empire State Plaza

Albany, NY 12237

518 473-4436

*Length:* 2 Year(s) *Total Positions:* 4 (GYI: 0)

*Program ID:* 397-35-21-010

### Stony Brook

#### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook

Columbia University School of Public Health

Nassau County Department of Health

Suffolk County Department of Health Services

*Program Director:*

Dorothy S Lane, MD MPH

State University of New York at Stony Brook

School of Medicine

Stony Brook, NY 11794-8036

516 444-3902

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 397-35-21-004

## Ohio

### Columbus

#### Ohio State University Program

Ohio State University Medical Center

Ohio State University College of Medicine

*Program Director:*

John V Gaeuman, MD

Ohio State University

Dept of Preventive Medicine

B-115 Starling-Loving Hall

Columbus, OH 43210-1240

614 293-3897

*Length:* 2 Year(s) *Total Positions:* 3 (GYI: 2)

*Program ID:* 397-38-21-012

## South Carolina

### Columbia

#### University of South Carolina School of Medicine Program

University of South Carolina School of Medicine

*Program Director:*

Ernest P McCutcheon, MD MPH

Div of Preventive Medicine

Dept of Family and Preventive Med

Six Richland Medical Park

Columbia, SC 29203

803 434-6116

*Length:* 2 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 397-45-21-005

## Washington

### Seattle

#### University of Washington School of Public Health and Community Medicine Program

University of Washington School of Public Health

*Program Director:*

Gary M Goldbaum, MD MPH

University of Washington

School of Public Health SC-30

1959 NE Pacific St

Seattle, WA 98195

206 543-1144

*Length:* 2 Year(s) *Total Positions:* 15 (GYI: 0)

*Program ID:* 397-54-21-006

\* Updated information not provided.

# Psychiatry

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Nathan B Smith, MD  
University of Alabama at Birmingham School of Medicine  
Dept of Psychiatry  
UAB Station

Birmingham, AL 35294  
205 934-3041

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 6)

*Program ID:* 400-01-11-009

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center  
Searcy State Hospital  
USA Doctors Hospital  
USA Knollwood Park Hospital

*Program Director:*

Daniel Dansak, MD  
University of South Alabama  
Dept of Psychiatry  
3421 Medical Park Dr W #2  
Mobile, AL 36693

205 661-3799

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

*Program ID:* 400-01-22-232

## Arizona

### Phoenix

#### Good Samaritan Regional Medical Center Program

Good Samaritan Regional Medical Center

*Program Director:*

James B McLoone, MD  
Good Samaritan Regional Medical Center  
Samaritan Behavioral Hlth Ctr  
925 E McDowell Rd 4th Fl  
Phoenix, AZ 85006  
602 239-6880

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 400-03-12-010

#### Maricopa Medical Center Program

Maricopa Medical Center

*Program Director:*

Steven F Dingle, MD  
Maricopa Medical Center  
2601 E Roosevelt  
Phoenix, AZ 85008  
602 267-5751

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

*Program ID:* 400-03-22-011

## Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
Kino Community Hospital  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Rebecca L Potter, MD  
University of Arizona  
Dept of Psychiatry  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-6795

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 7)

*Program ID:* 400-03-21-012

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
Arkansas State Hospital-Little Rock Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Daryl B Matthews, MD PhD  
University of Arkansas for Medical Sciences  
4301 W Markham  
Slot 589  
Little Rock, AR 72205  
501 686-5803

*Length:* 4 Year(s) *Total Positions:* 38 (GYI: 8)

*Subspecialties:* CHP

*Program ID:* 400-04-22-014

## California

### Fresno

#### University of California (San Francisco)/Fresno Program

UCSF-Fresno Medical Education Program  
Valley Medical Center of Fresno  
Veterans Affairs Medical Center (Fresno)

*Program Director:*

Hoyle Leigh, MD  
University of California San Francisco - Fresno  
Dept of Psychiatry 116A  
2615 E Clinton Ave  
Fresno, CA 93703  
209 228-6931

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 5)

*Program ID:* 400-05-21-018

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

William H McGhee, MD ED  
Dept of Psychiatry  
Loma Linda University  
PO Box 1007  
Loma Linda, CA 92354  
909 799-6094

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 6)

*Program ID:* 400-05-21-021

## Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center  
Los Angeles County-USC Medical Center

*Program Director:*

Bert James Schloss, MD  
Cedars-Sinai Medical Center Psychiatry Dept  
Thalians Mental Health Center W155  
8730 Alden Dr  
Los Angeles, CA 90048-0750  
310 855-3461

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 400-05-11-022

#### Charles R Drew University Program

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*

Vijayalakshmi M Ranganath, MD  
King Drew Medical Center Dept of Psychiatry  
1720 E 120th St  
Los Angeles, CA 90059  
310 668-3588

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)

*Program ID:* 400-05-32-024

#### UCLA Medical Center Program\*

UCLA School of Medicine  
UCLA Neuropsychiatric Hospital

*Program Director:*

Joel Yager, MD  
UCLA Neuropsychiatric Hosp  
760 Westwood Plaza C8-849  
Los Angeles, CA 90024-1759  
310 825-0057

*Length:* 4 Year(s) *Total Positions:* 60 (GYI: 11)

*Subspecialties:* CHP

*Program ID:* 400-05-21-025

#### University of Southern California Program

Los Angeles County-USC Medical Center

*Program Director:*

Charles W Patterson, MD  
Dept of Psychiatry  
LAC+USC Medical Center  
1934 Hospital Pl  
Los Angeles, CA 90033  
213 226-4945

*Length:* 4 Year(s) *Total Positions:* 71 (GYI: 10)

*Program ID:* 400-05-11-023

## Los Angeles (Sepulveda)

#### UCLA San Fernando Valley Program

Veterans Affairs Medical Center (Sepulveda)  
LAC-Olive View Medical Center

*Program Director:*

Murray Brown, MD  
Education Office (116A3) Psychiatry Dept  
Sepulveda VA Medical Center  
16111 Plummer St  
Sepulveda, CA 91343-2036  
818 895-9349

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 6)

*Program ID:* 400-05-31-032

\* Updated information not provided.

**Napa****Napa State Hospital Program**

Napa State Hospital  
Marin County Mental Health Services  
Solano County Mental Health Clinic

*Program Director:*

Edwin P Brennan, MD  
Napa State Hospital  
2100 Napa-Vallejo Hwy  
Napa, CA 94558-6293  
707 263-5661

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID: 400-05-22-019**

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Rhoda Hahn, MD  
University of California (Irvine) Medical Center  
Dept of Psychiatry  
101 City Dr S  
Orange, CA 92668  
714 456-5770

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)

**Program ID: 400-05-21-020**

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*

Mark E Servis, MD  
University of California (Davis) Medical Center  
2315 Stockton Blvd  
Sacramento, CA 95817  
916 734-2614

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)

*Subspecialties:* CHP

**Program ID: 400-05-31-017**

**San Diego****Naval Medical Center (San Diego) Program**

Naval Medical Center (San Diego)

*Program Director:*

Capt Lindsay B Paden, MD  
Dept of Psychiatry  
Naval Medical Center  
San Diego, CA 92134-5000  
619 532-8552

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 6)

**Program ID: 400-05-21-253**

**University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Lewis L Judd, MD  
University of California (San Diego)  
Dept of Psychiatry (0603)  
9500 Gilman Dr  
La Jolla, CA 92093-0603  
619 534-3684

*Length:* 3 Year(s) *Total Positions:* 34 (GYI: 6)

**Program ID: 400-05-21-026**

**San Francisco****California Pacific Medical Center Program**

California Pacific Medical Center  
California Pacific Medical Center (Pacific Campus)

*Program Director:*

Thomas C Neylan, MD  
California Pacific Medical Center  
2340 Clay St 7th Fl  
San Francisco, CA 94115  
415 923-3297

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 0)

**Program ID: 400-05-22-028**

**University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
Langley Porter Psychiatric Hospitals and Clinics

San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Marc Jacobs, MD  
University of California (San Francisco)  
401 Parnassus Ave Box RTP-0984  
San Francisco, CA 94143  
415 476-7577

*Length:* 4 Year(s) *Total Positions:* 64 (GYI: 14)

**Program ID: 400-05-21-030**

**San Mateo****San Mateo Community Mental Health Services Program\***

San Mateo County General Hospital

*Program Director:*

A Wayne Lewis, MD  
Psychiatry Residency Training Program  
San Mateo County General Hospital  
222 W 39th Ave  
San Mateo, CA 94403  
415 573-2530

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID: 400-05-22-031**

**Stanford****Stanford University Program**

Stanford University Hospital  
Kaiser Permanente Medical Center (Santa Clara)  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Alan F Schatzberg, MD  
Stanford University Medical Center  
Dept of Psych and Behavioral Sci  
101 Quarry Rd Rm 2116B MC 5543  
Stanford, CA 94305-5543  
415 725-5591

*Length:* 4 Year(s) *Total Positions:* 45 (GYI: 9)

**Program ID: 400-05-31-033**

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Ira M Lesser, MD  
Harbor-UCLA Medical Center  
Dept of Psychiatry Box 498  
1000 W Carson St  
Torrance, CA 90509  
310 222-3137

*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 8)

*Subspecialties:* CHP

**Program ID: 400-05-11-035**

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

Robert M House, MD  
University of Colorado School of Medicine  
4200 E Ninth Ave Box C249  
Denver, CO 80262  
303 270-7255

*Length:* 4 Year(s) *Total Positions:* 54 (GYI: 11)

*Subspecialties:* CHP

**Program ID: 400-07-21-038**

**Connecticut****Farmington****Institute of Living/University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
Institute of Living  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

David A Goldberg, MD  
University of Connecticut Health Center  
Dept of Psychiatry  
10 Talcott Notch Rd E MC 6410  
Farmington, CT 06032-1806  
203 679-6729

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

**Program ID: 400-08-21-266**

**Middletown****Connecticut Valley Hospital Program\***

Connecticut Valley Hospital  
Connecticut Mental Health Center  
Hospital of St Raphael

*Program Director:*

Robert Sabbatino, MD  
Connecticut Valley Hospital  
PO Box 351  
Middletown, CT 06457  
203 344-2401

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)

**Program ID: 400-08-31-041**

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Connecticut Mental Health Center  
Greenwich Hospital  
Hospital of St Raphael  
Norwalk Hospital  
Veterans Affairs Medical Center (West Haven)  
Yale Psychiatric Institute  
Yale University Health Service

*Program Director:*

David Greenfield, MD  
Yale-New Haven Medical Center  
25 Park St Grace Educ Bldg  
New Haven, CT 06519  
203 785-2095

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 9)

**Program ID: 400-08-21-042**

\* Updated information not provided.



## Norwich

### Norwich Hospital Program\*

Norwich Hospital  
Community Mental Health Services of Southeastern Connecticut

Univ of Connecticut Health Center/John Dempsey Hospital  
William W Backus Hospital

*Program Director:*  
Christiaan D Van Der Velde, MD  
Norwich Hospital  
PO Box 508  
Norwich, CT 06360  
203 823-5655  
*Length:* 3 Year(s) *Total Positions:* 19 (GYI: 0)  
*Program ID:* 400-08-12-045

## Delaware

### New Castle

#### Delaware State Hospital Program\*

Delaware State Hospital  
The Medical Center of Delaware

*Program Director:*  
David T Springer, MD  
Delaware State Hospital  
Residency Program  
1901 N DuPont Hwy Springer #2  
New Castle, DE 19720  
302 577-4316  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 400-09-31-046

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*  
Julia B Frank, MD  
George Washington University Hospital  
2150 Pennsylvania Ave NW  
Rm 8-420  
Washington, DC 20037-2396  
202 994-3768  
*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)  
*Program ID:* 400-10-21-048

#### Georgetown University Program

Georgetown University Hospital  
Fairfax Hospital  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*  
Nathan Billig, MD  
Georgetown University School of Medicine  
Dept of Psychiatry  
3800 Reservoir Rd NW  
Washington, DC 20007-2197  
202 687-8537  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 6)  
*Subspecialties:* CHP  
*Program ID:* 400-10-21-047

### Howard University Program

Howard University Hospital  
Children's National Medical Center  
Veterans Affairs Medical Center (Washington DC)

*Program Director:*  
William J Klein, MD  
Howard University Hospital  
Department of Psychiatry  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-6611  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 2)  
*Program ID:* 400-10-21-049

### St Elizabeths Hospital Program

DC Commission on Mental Health Services-St Elizabeth Campus  
George Washington University Hospital  
Washington School of Psychiatry

*Program Director:*  
Roger Peele, MD  
Saint Elizabeths Campus Barton Hall Rm 201-A  
2700 Martin Luther King Jr SE  
Washington, DC 20032  
202 373-7588  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 5)  
*Program ID:* 400-10-21-239

### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*  
Col Normund Wong, MD  
Dept of Psychiatry  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1275  
*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 5)  
*Subspecialties:* CHP  
*Program ID:* 400-10-11-003

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*  
John M Kuldau, MD  
University of Florida Health Science Center  
Dept of Psychiatry  
Box 100256  
Gainesville, FL 32610-0256  
904 392-3684  
*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 7)  
*Subspecialties:* CHP  
*Program ID:* 400-11-21-050

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
Richard M Steinbook, MD  
Univ of Miami Sch of Med D29 Dept of Psychiatry  
PO Box 016960  
Miami, FL 33101-8110  
305 585-6335  
*Length:* 4 Year(s) *Total Positions:* 49 (GYI: 8)  
*Program ID:* 400-11-21-051

## Tampa

### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare  
TGH University Psychiatry Center

*Program Director:*  
Kailie R Shaw, MD  
University of South Florida Psychiatry Center  
3515 E Fletcher Ave  
Tampa, FL 33613  
813 972-7060  
*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 7)  
*Subspecialties:* CHP  
*Program ID:* 400-11-21-052

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*  
Miles K Crowder, MD  
Emory University Dept of Psychiatry & Behavioral Sciences  
1701 Uppergate Dr Rm 133  
Atlanta, GA 30322  
404 727-5157  
*Length:* 4 Year(s) *Total Positions:* 51 (GYI: 12)  
*Program ID:* 400-12-21-053

#### Morehouse School of Medicine Program

Morehouse School of Medicine  
Brawner Psychiatric Institute  
Fulton County Health Department  
Georgia Regional Hospital at Atlanta  
Grady Memorial Hospital  
HCA West Paces Ferry Hospital  
The Ridgeview Institute  
Veterans Affairs Medical Center (Tuskegee)

*Program Director:*  
Iverson C Bell Jr, MD  
Morehouse School of Medicine  
Dept of Psychiatry  
720 Westview Dr SE  
Atlanta, GA 30310-1495  
404 756-1440  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 400-12-21-262

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*  
Thomas W Muller, MD  
Medical College of Georgia  
Dept of Psychiatry & Hlth Behavior  
1515 Pope Ave  
Augusta, GA 30912-3800  
706 721-6715  
*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 5)  
*Program ID:* 400-12-21-054

\* Updated information not provided.

**Fort Gordon**

**Dwight David Eisenhower Army Medical Center Program**

Dwight David Eisenhower Army Medical Center

*Program Director:*  
Lawrence M Correnti, MD  
Dwight David Eisenhower Army Medical Center  
Dept of Psychiatry and Neurology  
Fort Gordon, GA 30905-5650  
706 791-2550

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Program ID:* 400-12-12-004

**Macon**

**Mercer University School of Medicine Program**

Mercer University School of Medicine  
Medical Center of Central Georgia  
Central State Hospital  
Central Georgia Mental Health Center

*Program Director:*  
Richard L Elliott, MD  
Dept of Psychiatry & Behavioral Science  
Mercer University School of Medicine  
1550 College St  
Macon, GA 31207  
912 752-4048

*Length:* 4 Year(s)  
*Program ID:* 400-12-21-261

**Hawaii**

**Honolulu**

**University of Hawaii Program**

University of Hawaii John A Burns School of Medicine  
Hawaii State Hospital  
Queen's Medical Center

*Program Director:*  
John F McDermott Jr, MD  
University of Hawaii  
Dept of Psychiatry  
1356 Lusitana St 4th Fl  
Honolulu, HI 96813  
808 586-2900

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 5)  
*Program ID:* 400-14-31-055

**Tripler AMC**

**Tripler Army Medical Center Program**

Tripler Army Medical Center

*Program Director:*  
Charles S Milliken, MD  
Robb Imonen, DO  
Tripler Army Medical Center  
Dept of Psychiatry  
Honolulu, HI 96859-5000  
808 433-6406

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 5)  
*Subspecialties:* CHP  
*Program ID:* 400-14-11-233

**Illinois**

**Chicago**

**McGaw Medical Center of Northwestern University (Evanston) Program**

Northwestern University Medical School  
Evanston Hospital

*Program Director:*  
Rachel Yudkowsky, MD  
Dept of Psychiatry  
2650 Ridge Ave  
Evanston, IL 60201  
708 570-2690

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 4)  
*Program ID:* 400-16-21-230

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*  
Ronald F Krasner, MD  
Northwestern Univ Med Schl-Dept of Psychiatry  
Passavant Pavilion Rm 594  
303 E Superior St  
Chicago, IL 60611  
312 908-8058

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Subspecialties:* CHP  
*Program ID:* 400-16-21-060

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*  
Michael Schriff, MD  
Rush-Presbyterian-St Luke's Med Ctr Dept of Psychiatry  
1720 W Polk St  
Chicago, IL 60612  
312 942-2099

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 8)  
*Program ID:* 400-16-11-061

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*  
Larry S Goldman, MD  
University of Chicago Hospitals  
Dept of Psychiatry  
5841 S Maryland Ave MC3077  
Chicago, IL 60637-1470  
312 702-0529

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 7)  
*Subspecialties:* CHP  
*Program ID:* 400-16-31-062

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*  
Surinder Nand, MD  
University of Illinois at Chicago  
Dept of Psychiatry (M/C 913)  
912 S Wood St  
Chicago, IL 60612  
312 996-7380

*Length:* 4 Year(s) *Total Positions:* 57 (GYI: 15)  
*Subspecialties:* CHP  
*Program ID:* 400-16-21-063

**Maywood**

**Loyola University Program**

Poster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*  
Amin Daghestani, MD  
Loyola University Medical Center  
Dept of Psychiatry  
2160 S First Ave Bldg 54  
Maywood, IL 60153  
708 216-3273

*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 8)  
*Program ID:* 400-16-21-064

**North Chicago**

**Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School  
Mount Sinai Hospital Medical Center of Chicago  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*  
David A S Garfield, MD  
Finch Univ of Hlth Sci/The Chicago Med Schl  
3333 Green Bay Rd  
North Chicago, IL 60064  
708 578-3390

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)  
*Program ID:* 400-16-31-056

**Park Ridge**

**Lutheran General Hospital Program**

Lutheran General Hospital

*Program Director:*  
Gustavo Hernandez, MD  
Lutheran General Hospital  
1775 Dempster St  
Dept of Psychiatry Box 156  
Park Ridge, IL 60068  
708 696-5887

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 400-16-21-257

**Springfield**

**Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*  
Karen E Broquet, MD  
Southern Illinois University School of Medicine  
PO Box 19230  
Springfield, IL 62794-9230  
217 524-4965

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
*Program ID:* 400-16-21-065

\* Updated information not provided.

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Larue D Carter Memorial Hospital  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

John R Vara, MD  
Indiana University Medical Center  
Clinical Bldg 295  
541 Clinical Dr  
Indianapolis, IN 46202-5111  
317 274-1224

*Length:* 4 Year(s) *Total Positions:* 38 (GYI: 8)

*Subspecialties:* CHP

**Program ID:** 400-17-21-066

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

William R Yates, MD  
Univ of Iowa Hospitals & Clinics  
Dept of Psychiatry Admin 2887 JPP  
200 Hawkins Dr  
Iowa City, IA 52242  
319 356-1144

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 7)

**Program ID:** 400-18-21-069

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

Jane S Lauchland, MD  
University of Kansas Medical Center Dept of Psychiatry  
3901 Rainbow Blvd  
Olathe Pavilion  
Kansas City, KS 66160-7341  
913 588-6412

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 5)

**Program ID:** 400-19-21-070

### Topeka

#### Menninger School of Psychiatry Program

Menninger Clinic  
C F Menninger Memorial Hospital  
Colmery-O'Neil Veterans Affairs Medical Center  
St Joseph's Hospital and Medical Center  
Topeka State Hospital

*Program Director:*

Marceil D Bauman-Bork, MD  
Karl Menninger School of Psychiatry  
The Menninger Clinic Box 829  
Topeka, KS 66601-0829  
913 273-7500

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 6)

**Program ID:** 400-19-22-071

## Wichita

#### University of Kansas (Wichita) Program

University of Kansas School of Medicine (Wichita)  
Charter Wichita Behavioral System  
St Francis Regional Medical Center  
St Joseph Medical Center  
Veterans Affairs Medical Center (Wichita)

*Program Director:*

George Dyck, MD  
Univ of Kansas School of Medicine Dept of Psychiatry  
1010 N Kansas  
Wichita, KS 67214-3199  
316 261-2645

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 5)

**Program ID:** 400-19-21-254

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Robert F Kraus, MD  
University Hospital-Albert B Chandler Medical Center  
Dept of Psychiatry  
Annex 2 206

Lexington, KY 40536-0080

606 257-2675

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 4)

**Program ID:** 400-20-21-074

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Child Psychiatric Services (Bingham Child Guidance Clinic)  
Lifespring Mental Health Services  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Gordon D Strauss, MD  
University of Louisville School of Medicine  
Dept of Psychiatry  
Louisville, KY 40292-0001  
502 852-5395

*Length:* 4 Year(s) *Total Positions:* 41 (GYI: 8)

**Program ID:** 400-20-21-075

## Louisiana

### New Orleans

#### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation

*Program Director:*

Charles K Billings, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4178

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 5)

**Program ID:** 400-21-12-077

## Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Touro Infirmary

*Program Director:*

Larry Carver, MD  
Louisiana State University Med Ctr Dept of Psychiatry  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-6001

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)

**Program ID:** 400-21-21-076

### Tulane University Program\*

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

Patrick T O'Neill, MD  
Tulane University School of Medicine  
1430 Tulane Ave  
New Orleans, LA 70112  
504 587-2162

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 6)

*Subspecialties:* CHP

**Program ID:** 400-21-21-078

## Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University School of Medicine in Shreveport  
Charter Forest Hospital  
Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*

Mary Jo Fitz-Gerald, MD  
Louisiana State University Medical Center Hospital  
Med Educ - Psychiatry  
1501 Kings Hwy PO Box 33932  
Shreveport, LA 71130-3932  
318 675-6040

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 400-21-21-274

## Maine

### Portland

#### Maine Medical Center Program

Maine Medical Center

*Program Director:*

George N McNeil, MD  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102  
207 871-2598

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)

*Subspecialties:* CHP

**Program ID:** 400-22-11-080

\* Updated information not provided.

## Maryland

### Andrews AFB

#### Malcolm Grow USAF Medical Center Program\*

89th Medical Group

*Program Director:*  
M Richard Fragola, MD  
SGHA/Div of Mental Hlth  
Malcolm Grow USAF Medical Center  
Andrews AFB, MD 20331-5300  
301 981-7021

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 400-23-21-271

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*  
Glenn J Treisman, MD PhD  
Johns Hopkins Hospital  
600 N Wolfe St  
Meyer 4-119  
Baltimore, MD 21287-7419  
410 955-6328

*Length:* 4 Year(s) *Total Positions:* 42 (GYI: 6)  
*Subspecialties:* CHP  
*Program ID:* 400-23-21-081

#### Sheppard and Enoch Pratt Hospital Program

Sheppard and Enoch Pratt Hospital  
Franklin Square Hospital Center

*Program Director:*  
Donald R Ross, MD  
Division of Education and Residency Training  
6501 N Charles St PO Box 6815  
Baltimore, MD 21285-6815  
410 938-3000

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 6)  
*Program ID:* 400-23-22-085

#### University of Maryland Program

University of Maryland Medical System  
Spring Grove Hospital Center  
Veterans Affairs Medical Center (Baltimore)  
Walter P Carter Center

*Program Director:*  
George U Balis, MD  
Department of Psychiatry  
University of Maryland  
645 W Redwood St  
Baltimore, MD 21201  
410 328-6612

*Length:* 4 Year(s) *Total Positions:* 62 (GYI: 12)  
*Program ID:* 400-23-31-082

### Bethesda

#### National Institutes of Health Clinical Center Program\*

NIH Warren Grant Magnuson Clinical Center

*Program Director:*  
David R Rubinow, MD  
Clinical Director National Institute of Mental Health  
The Clinical Center 10/3N238  
Bethesda, MD 20892  
301 496-4588

*Length:* 1 Year(s) *Total Positions:* 23 (GYI: 0)  
*Program ID:* 400-23-12-245

#### National Naval Medical Center (Bethesda) Program\*

National Naval Medical Center (Bethesda)

*Program Director:*  
Michael P Dinneen, MD  
National Naval Medical Center  
8901 Wisconsin Blvd  
Bethesda, MD 20889-5600  
202 295-2458

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 400-23-31-006

## Massachusetts

### Belmont

#### McLean Hospital Program

McLean Hospital

*Program Director:*  
Bruce Cohen, MD PhD  
McLean Hospital  
115 Mill St  
Belmont, MA 02178  
617 855-2724

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 8)  
*Program ID:* 400-24-21-086

### Boston

#### Boston University Program

Boston University Medical Center-University Hospital  
Boston City Hospital  
Edith Nourse Rogers Memorial Veterans Hospital  
Solomon Carter Fuller Mental Health Center  
Veterans Affairs Medical Center (Boston)

*Program Director:*  
Robert Goldman, MD  
Boston University School of Medicine  
Dept of Psychiatry  
720 Harrison Ave DOB-904  
Boston, MA 02118-2394  
617 638-8540

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 7)  
*Subspecialties:* CHP  
*Program ID:* 400-24-21-089

#### Harvard Medical School Program

Brigham and Women's Hospital  
Beth Israel Hospital  
Carney Hospital  
Children's Hospital  
Harvard Community Health Plan  
Massachusetts Mental Health Center  
MetroWest Medical Center  
New England Deaconess Hospital

*Program Director:*  
William Greenberg, MD  
Beth Israel Hospital  
Dept of Psychiatry  
390 Brookline Ave  
Boston, MA 02215  
617 735-2740

*Length:* 4 Year(s) *Total Positions:* 64 (GYI: 16)  
*Program ID:* 400-24-31-277

#### Massachusetts General Hospital Program\*

Massachusetts General Hospital  
Erich Lindemann Mental Health Center

*Program Director:*  
John B Herman, MD  
Massachusetts General Hospital  
Dept of Psychiatry Bulfinch 3  
Fruit St  
Boston, MA 02114  
617 726-2972

*Length:* 4 Year(s) *Total Positions:* 42 (GYI: 6)  
*Program ID:* 400-24-31-090

#### St Elizabeth's Medical Center of Boston Program

St Elizabeth's Medical Center of Boston

*Program Director:*  
Jonathan O Cole, MD  
Dept of Psychiatry  
St Elizabeth's Medical Center  
736 Cambridge St  
Boston, MA 02135  
617 789-3070

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 0)  
*Program ID:* 400-24-21-092

#### Tufts University Program

New England Medical Center Hospitals  
Lemuel Shattuck Hospital

*Program Director:*  
Deborah Spitz, MD  
New England Medical Center  
Dept of Psychiatry  
750 Washington St  
Boston, MA 02111  
617 956-1632

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 6)  
*Program ID:* 400-24-21-093

### Brockton

#### Harvard Medical School (South Shore) Program\*

Brockton-West Roxbury Veterans Affairs Medical Center

*Program Director:*  
Grace J Mushrush, MD  
Dept of Psychiatry  
VA Med Ctr Brockton/West Roxbury  
940 Belmont St 116A7  
Brockton, MA 02401  
508 583-4500

*Length:* 4 Year(s)  
*Program ID:* 400-24-21-279

### Cambridge

#### Cambridge Hospital Program

Cambridge Hospital

*Program Director:*  
Leston L Havens, MD  
Kinberly A White, MD  
Cambridge Hospital  
Dept of Psychiatry  
1493 Cambridge St  
Cambridge, MA 02139  
617 498-1187

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 6)  
*Subspecialties:* CHP  
*Program ID:* 400-24-11-094

### Pittsfield

#### Berkshire Medical Center Program\*

Berkshire Medical Center

*Program Director:*  
Richard M Berlin, MD  
Dept of Psychiatry & Behavioral Sciences  
Berkshire Medical Center  
725 North St  
Pittsfield, MA 01201  
413 447-2161

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 4)  
*Program ID:* 400-24-21-275

\* Updated information not provided.

## Stockbridge

### Austen Riggs Center Program

Austen Riggs Center

*Program Director:*

James L Sacksteder, MD  
Austen Riggs Center Dept of Psychiatry  
25 Main St  
Stockbridge, MA 01262-0962  
413 298-5511

*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 1)

**Program ID:** 400-24-11-249

## Worcester

### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*

Paul J Barreira, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-4087

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 6)

**Program ID:** 400-24-21-234

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Michelle Riba, MD  
University of Michigan Hospitals Dept of Psychiatry  
1500 E Medical Center Dr  
Box 0704

Ann Arbor, MI 48109-0704

313 764-6875

*Length:* 4 Year(s) *Total Positions:* 47 (GYI: 9)

**Program ID:** 400-25-21-097

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital  
Cottage Hospital of Grosse Pointe  
Kingswood Hospital

*Program Director:*

Cathy Frank, MD  
Henry Ford Hospital  
Dept of Psychiatry  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-3561

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

**Program ID:** 400-25-21-235

#### Sinai Hospital Program

Sinai Hospital  
Hawthorn Center Hospital  
Lafayette Clinic

*Program Director:*

Elliott Luby, MD  
Sinai Hospital  
Med Staff Office  
6767 W Outer Dr  
Detroit, MI 48235-2899  
313 493-6220

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 1)

**Program ID:** 400-25-21-100

## Wayne State University/Detroit Medical Center

Wayne State University School of Medicine  
Harper Hospital  
Detroit Psychiatric Institute

*Program Director:*

G Robert Miller, MD  
University Health Center, 9B  
4201 St Antoine  
Detroit, MI 48201  
313 577-5267

*Length:* 4 Year(s)

**Program ID:** 400-25-21-283

## Wayne State University/Detroit Psychiatric Institute Program

Wayne State University School of Medicine  
Detroit Psychiatric Institute  
Providence Hospital

*Program Director:*

Thomas W Uhde, MD  
9B University Health Center  
4201 St Antoine  
Detroit, MI 48201  
313 577-1808

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 7)

**Program ID:** 400-25-21-098

## Wayne State University/Lafayette Clinic Program

Wayne State University School of Medicine  
Harper Hospital  
Lafayette Clinic

*Program Director:*

Thomas W Uhde, MD  
9B University Health Center  
4201 St Antoine  
Detroit, MI 48201  
313 577-1808

*Length:* 4 Year(s) *Total Positions:* 48 (GYI: 12)

**Program ID:** 400-25-11-099

## East Lansing

### Michigan State University Program

Michigan State University College of Human Medicine  
Michigan Capital Medical Center-Pennsylvania Campus  
Michigan State University Clinical Center  
Pine Rest Christian Hospital  
St Lawrence Hospital and HealthCare Services  
St Mary's Health Services

*Program Director:*

Jed G Magen, DO  
Michigan State University  
Dept of Psychiatry  
B-109 W Fee  
East Lansing, MI 48824-1316  
517 353-4362

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 6)

**Program ID:** 400-25-21-101

## Minnesota

### Minneapolis

#### University of Minnesota Program

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Gary Christenson, MD  
University of Minnesota Hospital & Clinics  
Box 393 Mayo Memorial Bldg  
420 Delaware St SE  
Minneapolis, MN 55455  
612 625-7653

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 6)

*Subspecialties:* CHP

**Program ID:** 400-26-21-106

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
St Mary's Hospital of Rochester

*Program Director:*

Joyce A Tinsley, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-2312

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 6)

**Program ID:** 400-26-21-107

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
Mississippi State Hospital  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Angelos Halaris, MD  
University of Mississippi School of Medicine  
Psychiatry Box 139  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5815

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)

**Program ID:** 400-27-11-108

\* Updated information not provided.

**Missouri****Columbia****University of Missouri-Columbia Program\***

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
Mid-Missouri Mental Health Center  
University and Children's Hospital

*Program Director:*  
Cheryl A Hemme, MD  
University of Missouri-Columbia  
Dept of Psychiatry  
Three Hospital Dr  
Columbia, MO 65201  
314 882-3176

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 6)

*Subspecialties:* CHP

**Program ID:** 400-28-21-109

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
Western Missouri Mental Health Center

*Program Director:*  
Stuart Munro, MD  
Dept of Psychiatry UMKC-School of Medicine  
600 E 22nd St  
Kansas City, MO 64108-2620  
816 234-5905

*Length:* 4 Year(s) *Total Positions:* 35 (GYI: 8)

**Program ID:** 400-28-21-110

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*  
C Leon McGahee, MD  
David P Wohl Sr Memorial Institute  
1221 S Grand Blvd  
St Louis, MO 63104  
314 577-8728

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID:** 400-28-21-113

**Washington University Program**

Barnes Hospital  
Jewish Hospital of St Louis  
Malcolm Bliss Mental Health Center

*Program Director:*  
Eugene H Rubin, MD PhD  
Washington University School of Medicine  
Dept of Psychiatry  
4940 Children's Pl  
St Louis, MO 63110  
314 362-2462

*Length:* 4 Year(s) *Total Positions:* 41 (GYI: 9)

*Subspecialties:* CHP

**Program ID:** 400-28-21-114

**Nebraska****Omaha****Creighton University/University of Nebraska Program**

Creighton/Nebraska University Health Foundation  
AMI St Joseph Center for Mental Health  
University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*  
Carl B Greiner, MD  
Creighton-Nebraska Department of Psychiatry  
600 S 42nd St  
PO Box 985575  
Omaha, NE 68198-5575  
402 559-5076

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)

**Program ID:** 400-30-21-116

**Nevada****Reno****University of Nevada Program**

University of Nevada School of Medicine  
Ioannis A Lougaris Veterans Affairs Medical Center  
Nevada Mental Health Institute  
University Medical Center of Southern Nevada  
West Hills Hospital

*Program Director:*  
Grant D Miller, MD  
University of Nevada School of Medicine  
Dept of Psychiatry & Behav Sci/354  
Reno, NV 89557-0046  
702 784-4917

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 4)

**Program ID:** 400-31-21-263

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
New Hampshire Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*  
Ronald L Green, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756  
603 650-5820

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 10)

**Program ID:** 400-32-21-117

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center  
Atlantic City Medical Center

*Program Director:*  
G Pirooz Sholevar, MD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Psychiatry  
401 Haddon Ave 3rd Fl  
Camden, NJ 08103  
609 757-7799

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID:** 400-33-21-255

**Newark****UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Hackensack Medical Center  
St Barnabas Medical Center  
UMDNJ-University Hospital

*Program Director:*  
Haikaz M Grigorian, MD  
UMDNJ/New Jersey Medical School  
University Hts 1501 Admin Complex  
30 Bergen St  
Newark, NJ 07107-3000  
201 982-4670

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 5)

**Program ID:** 400-33-21-119

**Paramus****Bergen Pines County Hospital Program**

Bergen Pines County Hospital

*Program Director:*  
M Javed Iqbal, MD  
Dir Psychiatry Educ  
Bergen Pines County Hospital  
Bldg 14 E Ridgewood Ave  
Paramus, NJ 07652  
201 967-4132

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

**Program ID:** 400-33-12-120

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital

*Program Director:*  
Stuart R Schwartz, MD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Psychiatry  
671 Hoes Ln CMHC C-205  
Piscataway, NJ 08854-5633  
908 235-4286

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

**Program ID:** 400-33-21-121

\* Updated information not provided.

**West Trenton**

**Trenton Psychiatric Hospital Program**

Trenton Psychiatric Hospital  
Greater Trenton Community Mental Health Center  
UMDNJ-Community Mental Health Center at Piscataway  
Veterans Affairs Medical Center (Lyons)

*Program Director:*  
Elizabeth H Levin, MD  
Trenton Psychiatric Hospital  
PO Box 7500  
Sullivan Way  
West Trenton, NJ 08628  
609 633-1567  
*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)  
**Program ID:** 400-33-21-122

**New Mexico**

**Albuquerque**

**University of New Mexico Program**

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*  
Nancy K Morrison, MD  
Univ of New Mexico School of Medicine Dept of  
Psychiatry  
2400 Tucker NE  
Family Practice Bldg 4th Fl  
Albuquerque, NM 87131-5326  
505 277-5416  
*Length:* 4 Year(s) *Total Positions:* 38 (GYI: 8)  
**Program ID:** 400-34-21-123

**New York**

**Albany**

**Albany Medical Center Program**

Albany Medical Center Hospital  
Capital District Psychiatric Center  
Veterans Affairs Medical Center (Albany)

*Program Director:*  
Victoria Balkoski, MD  
Dept of Psychiatry (A-164)  
Albany Medical Center  
New Scotland Ave  
Albany, NY 12208  
518 262-5511  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 400-35-22-124

**Bronx**

**Albert Einstein College of Medicine at  
Bronx-Lebanon Hospital Center Program**

Bronx-Lebanon Hospital Center

*Program Director:*  
Nalini V Juthani, MD  
Bronx-Lebanon Hospital Center  
1276 Fulton Ave  
4-South  
Bronx, NY 10456  
718 901-8652  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 400-35-21-135

**Albert Einstein College of Medicine  
Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Bronx Psychiatric Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*  
Peter J Buckley, MD  
James David, MD  
Albert Einstein College of Medicine  
Dept of Psychiatry - Res Trng  
1300 Morris Park Ave Belfer 402  
Bronx, NY 10461  
718 430-2020  
*Length:* 4 Year(s) *Total Positions:* 61 (GYI: 16)  
*Subspecialties:* CHP  
**Program ID:** 400-35-11-131

**Brooklyn**

**Brookdale Hospital Medical Center  
Program\***

Brookdale Hospital Medical Center

*Program Director:*  
Nyapati R Rao, MD  
Dept of Psychiatry  
Brookdale Hospital Medical Center  
Linden Blvd & Brookdale Plaza  
Brooklyn, NY 11212  
718 240-5667  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 400-35-11-136

**Maimonides Medical Center Program**

Maimonides Medical Center

*Program Director:*  
Jeffrey Goldberg, DO  
Maimonides Med Ctr  
Dept of Psychiatry  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-8184  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 5)  
**Program ID:** 400-35-21-143

**SUNY Health Science Center at Brooklyn  
Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*  
Eric Weitzner, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave Box 1203  
Brooklyn, NY 11203  
718 270-2902  
*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 10)  
**Program ID:** 400-35-21-154

**Buffalo**

**SUNY at Buffalo Graduate  
Medical-Dental Education Consortium  
Program**

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*  
S K Park, MD  
Erie County Medical Center  
462 Grider St  
Buffalo, NY 14215  
716 898-4221  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 7)  
**Program ID:** 400-35-21-126

**East Meadow**

**Nassau County Medical Center Program**

Nassau County Medical Center

*Program Director:*  
Jacob Ninan, MD  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-6511  
*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 6)  
**Program ID:** 400-35-11-128

**Manhasset**

**North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*  
Stephen F Bauer, MD  
North Shore University Hospital  
Dept of Psychiatry  
400 Community Dr  
Manhasset, NY 11030  
516 562-3051  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
**Program ID:** 400-35-11-129

**Middletown**

**Middletown Psychiatric Center Program**

Middletown Psychiatric Center

*Program Director:*  
Peter M Semkiw, MD  
Middletown Psychiatric Center  
141 Monhagen Ave PO Box 1453  
Middletown, NY 10940-6198  
914 342-5511  
*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID:** 400-35-31-130

**New Hyde Park**

**Albert Einstein College of Medicine at  
Long Island Jewish Medical Center  
Program**

Long Island Jewish Medical Center  
Hillside Hospital (Long Island Jewish Medical Center)

*Program Director:*  
Bruce R Levy, MD  
Long Island Jewish Medical Center  
New Hyde Park, NY 11042  
718 470-8005  
*Length:* 4 Year(s) *Total Positions:* 48 (GYI: 12)  
**Program ID:** 400-35-21-142

**New York**

**Albert Einstein College of Medicine at  
Beth Israel Medical Center Program**

Beth Israel Medical Center

*Program Director:*  
Harold Been, MD  
Beth Israel Medical Center  
Dept of Psychiatry  
First Ave at 16th St  
New York, NY 10003  
212 420-2376  
*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 10)  
**Program ID:** 400-35-11-134

\* Updated information not provided.

**Columbia University Program**

Presbyterian Hospital in the City of New York  
New York State Psychiatric Institute  
Overlook Hospital

*Program Director:*

Ronald O Rieder, MD  
New York State Psychiatric Institute  
722 W 168th St  
New York, NY 10032  
212 960-5553

*Length:* 4 Year(s) *Total Positions:* 48 (GYI: 10)

*Subspecialties:* CHP,P

**Program ID: 400-35-21-138**

**Harlem Hospital Center Program\***

Harlem Hospital Center

*Program Director:*

Henry L McCurtis, MD  
Harlem Hospital Center  
506 Lenox Ave  
New York, NY 10037  
212 939-3060

*Length:* 4 Year(s)

*Subspecialties:* CHP

**Program ID: 400-35-11-140**

**Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services

*Program Director:*

Amy S Hoffman, MD  
Mount Sinai School of Medicine  
Elmhurst Hospital Center  
79-01 Broadway Rm C10-27  
Elmhurst, NY 11373  
718 334-3268

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 10)

**Program ID: 400-35-11-242**

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*

Michael J Serby, MD  
Mount Sinai Hospital  
One Gustave L Levy Pl  
Box #1230  
New York, NY 10029-6574  
212 241-7924

*Length:* 4 Year(s) *Total Positions:* 61 (GYI: 13)

**Program ID: 400-35-11-146**

**New York Hospital-Westchester Division/Cornell Medical Center Program**

New York Hospital  
New York Hospital-Westchester Division

*Program Director:*

Virginia L Susman, MD  
New York Hospital-Cornell-Westchester Div  
21 Bloomingdale Rd  
White Plains, NY 10605  
914 997-5710

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 6)

**Program ID: 400-35-21-164**

**New York Hospital/Cornell Medical Center Program**

New York Hospital-Payne Whitney Psychiatric Clinic  
New York Hospital

*Program Director:*

Stefan P Stein, MD  
New York Hospital-Cornell Medical Center  
Payne Whitney Clinic (Box 140)  
525 E 68th St  
New York, NY 10021  
212 434-5510

*Length:* 4 Year(s) *Total Positions:* 42 (GYI: 8)

**Program ID: 400-35-11-147**

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Manhattan Psychiatric Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Carol A Bernstein, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6238

*Length:* 4 Year(s) *Total Positions:* 72 (GYI: 16)

**Program ID: 400-35-21-149**

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Steven Wager, MD  
St Luke's-Roosevelt Hospital Center  
Dept of Psychiatry  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-5089

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)

*Subspecialties:* CHP

**Program ID: 400-35-21-270**

**Queens Village****Creedmoor Psychiatric Center Program**

Creedmoor Psychiatric Center  
Wyckoff Heights Medical Center

*Program Director:*

Mark F Sorensen, MD  
Creedmoor Psychiatric Center  
80-45 Winchester Blvd  
Bldg 51  
Queens Village, NY 11427-2199  
718 264-5030

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 3)

**Program ID: 400-35-12-139**

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Yeates Conwell, MD  
University of Rochester Medical Center  
300 Crittenden Blvd  
Rochester, NY 14642-8409  
716 275-4985

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 5)

**Program ID: 400-35-11-158**

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Jay E Harris, MD  
SUNY at Stony Brook Hlth Sci Ctr  
T-10 Rm 020 Dept of Psychiatry  
Stony Brook, NY 11794-8101  
516 444-3005

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 6)

**Program ID: 400-35-21-159**

**Syracuse****SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse  
Richard H. Hutchings Psychiatric Center  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Mantosh Dewan, MD  
SUNY Health Science Center at Syracuse  
750 E Adams St  
Syracuse, NY 13210  
315 464-3106

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 7)

**Program ID: 400-35-21-160**

**Valhalla****New York Medical College (Cabrini) Program**

New York Medical College  
Cabrini Medical Center

*Program Director:*

Giovanni Caracci, MD  
Cabrini Medical Center  
227 E 19th St  
New York, NY 10003-2600  
212 995-6032

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)

**Program ID: 400-35-31-137**

**New York Medical College (Lincoln) Program**

New York Medical College  
Lincoln Medical and Mental Health Center  
Westchester County Medical Center

*Program Director:*

Henry W Weisman, MD  
Lincoln Medical and Mental Health Center  
234 E 149th St  
Bronx, NY 10451  
718 579-5124

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)

**Program ID: 400-35-11-133**

**New York Medical College (Metropolitan) Program**

New York Medical College  
Metropolitan Hospital Center

*Program Director:*

Richard A Winters, MD  
Metropolitan Hospital Center  
1901 First Ave  
Room 4M-14-A  
New York, NY 10029  
212 423-7057

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 8)

*Subspecialties:* CHP

**Program ID: 400-35-11-148**

**New York Medical College (Richmond) Program**

New York Medical College  
St Vincent's Medical Center of Richmond  
Bayley Seton Hospital

*Program Director:*

Richard L Pearlman, MD  
St Vincent's Medical Center of Richmond  
355 Bard Ave  
Staten Island, NY 10310  
718 876-4131

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 4)

**Program ID: 400-35-12-153**

\* Updated information not provided.



**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York  
*Program Director:*  
Mark R Nathanson, MD  
St Vincent's Hospital and Medical Center of New York  
Training Office  
144 W 12th St  
New York, NY 10011  
212 790-8239  
*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 7)  
*Subspecialties:* CHP  
*Program ID:* 400-35-12-152

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Danbury Hospital  
St Vincent's Hospital of New York-Westchester Branch  
Stamford Hospital  
Westchester County Medical Center  
*Program Director:*  
Hrair M Babikian, MD  
Westchester County Medical Center  
Psychiatric Institute  
3rd Fl Rm N323  
Valhalla, NY 10595  
914 285-7120  
*Length:* 4 Year(s) *Total Positions:* 45 (GYI: 8)  
*Subspecialties:* CHP  
*Program ID:* 400-35-21-162

**North Carolina**

**Chapel Hill**

**University of North Carolina Hospitals Program**

University of North Carolina Hospitals  
Dorothea Dix Hospital  
*Program Director:*  
Allan A Maltbie, MD  
University of North Carolina School of Medicine  
Dept of Psychiatry Room 248  
CB#7160 Medical School Wing C  
Chapel Hill, NC 27599-7160  
919 966-2127  
*Length:* 4 Year(s) *Total Positions:* 65 (GYI: 15)  
*Program ID:* 400-36-21-166

**Durham**

**Duke University Program**

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)  
*Program Director:*  
Tana A Grady, MD  
Duke University Medical Center Dept of Psychiatry  
PO Box 3837  
Durham, NC 27710  
919 684-2258  
*Length:* 4 Year(s) *Total Positions:* 63 (GYI: 14)  
*Program ID:* 400-36-21-167

**Greenville**

**East Carolina University Program**

East Carolina University School of Medicine  
Pitt Cnty Mental Hlth-Mental Retardation and Sub Abuse Ctr  
Pitt County Memorial Hospital  
*Program Director:*  
Stanley P Oakley Jr, MD  
East Carolina University School of Medicine  
Dept of Psychiatric Medicine  
Greenville, NC 27834-4354  
919 816-2663  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 6)  
*Subspecialties:* CHP  
*Program ID:* 400-36-21-169

**Winston-Salem**

**Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital  
*Program Director:*  
Stephen I Kramer, MD  
Dept of Psychiatry  
Bowman Gray Schl of Med/NC  
Baptist Hosp Medical Center  
Winston-Salem, NC 27157-1087  
910 716-3920  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)  
*Subspecialties:* CHP  
*Program ID:* 400-36-21-171

**North Dakota**

**Grand Forks**

**University of North Dakota Program**

Univ of North Dakota School of Medicine  
Veterans Affairs Medical and Regional Office Center (Fargo)  
Lakeland Mental Health Center  
Southeast Human Service Center  
St Luke's Hospitals  
*Program Director:*  
R Dennis Staton, MD PhD  
University of North Dakota Dept of Neuroscience  
1919 N Elm St  
Fargo, ND 58102  
701 293-4113  
*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)  
*Program ID:* 400-37-21-251

**Ohio**

**Cincinnati**

**University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)  
*Program Director:*  
Warren M Liang, MD  
University of Cincinnati Medical Center  
Dept of Psychiatry  
PO Box 670559  
Cincinnati, OH 45267-0559  
513 558-5190  
*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 6)  
*Program ID:* 400-38-21-173

**Cleveland**

**Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center  
Cleveland Psychiatric Institute  
Cleveland Psychoanalytic Institute  
*Program Director:*  
Jonathan E Dunn, MD PhD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
216 459-5287  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Program ID:* 400-38-21-240

**Case Western Reserve University Program**

University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)  
*Program Director:*  
Michael A Schwartz, MD  
University Hospitals  
Dept of Psychiatry Office of Educ  
11100 Euclid Ave  
Cleveland, OH 44106-5000  
216 844-3450  
*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 8)  
*Program ID:* 400-38-21-174

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation  
*Program Director:*  
Kathleen N Franco, MD  
Cleveland Clinic Foundation  
Dept of Psychiatry  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690  
*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 6)  
*Program ID:* 400-38-22-175

**Columbus**

**Ohio State University Program**

Ohio State University Medical Center  
Mount Carmel Medical Center  
*Program Director:*  
Ronald A Weller, MD  
Ohio State Univ Hosp/Upham Hall  
1670 Upham Dr  
Columbus, OH 43210  
614 293-4540  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 400-38-31-179

**Ohio State University/Harding Hospital Program**

Ohio State University Medical Center  
Harding Hospital  
Mount Carmel Medical Center  
*Program Director:*  
Ronald A Weller, MD  
Dept of Psychiatry  
1670 Upham Dr  
Columbus, OH 43210  
614 293-4540  
*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)  
*Subspecialties:* P  
*Program ID:* 400-38-21-281

\* Updated information not provided.

**Dayton****Wright State University Program**

Wright State University School of Medicine  
Good Samaritan Hospital and Health Center  
Kettering Medical Center  
USAF Medical Center (Wright-Patterson)  
Veterans Affairs Medical Center (Dayton)

*Program Director:*

David G Bienenfeld, MD  
Wright State University School of Medicine  
Dept of Psychiatry  
PO Box 927  
Dayton, OH 45401-0927  
513 276-8329

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 10)

*Subspecialties:* CHP

**Program ID: 400-38-21-178**

**Rootstown****Northeastern Ohio Universities College of Medicine Program**

Northeastern Ohio Universities College of Medicine  
Akron General Medical Center  
Children's Hospital Medical Center of Akron  
St Thomas Hospital (Summa Health System)

*Program Director:*

Jeffrey L Moore, MD  
Northeastern Ohio Universities College of Medicine  
400 Wabash Ave  
Akron, OH 44307  
216 384-6440

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID: 400-38-21-180**

**Toledo****Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Mental Health Center

*Program Director:*

Marvin E Gottlieb, MD  
PO Box 10008  
3000 Arlington Ave  
Toledo, OH 43699-0008  
419 381-5695

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID: 400-38-21-181**

**Worthington****Harding Hospital Program**

Harding Hospital  
Ohio State University Medical Center  
Riverside Methodist Hospitals

*Program Director:*

Marshall G Vary, MD  
Harding Hospital  
445 E Granville Rd  
Worthington, OH 43085-3195  
614 785-7417

*Length:* 4 Year(s) *Total Positions:* 3 (GYI: 0)

**Program ID: 400-38-31-182**

**Oklahoma****Norman****Griffin Memorial Hospital Program**

Griffin Memorial Hospital  
Children's Hospital of Oklahoma

*Program Director:*

Ernest G Shadid, MD  
Griffin Memorial Hospital  
900 E Main  
PO Box 151  
Norman, OK 73070  
405 321-4880

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 5)

**Program ID: 400-39-21-183**

**Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Jay Lensgraf, MD  
Dept of Psychiatry & Behavioral Sciences  
Univ of Oklahoma Health Sc Ctr  
PO Box 26901 S Pavilion 5th Fl  
Oklahoma City, OK 73190-3048  
405 271-5030

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Subspecialties:* CHP

**Program ID: 400-39-21-184**

**Tulsa****University of Oklahoma College of Medicine-Tulsa Program**

University of Oklahoma College of Medicine-Tulsa  
Children's Medical Center  
Laureate Psychiatric Clinic and Hospital  
Parkside Inc

*Program Director:*

Theresa S Farrow, MD  
University of Oklahoma College of Medicine-Tulsa  
Dept of Psychiatry  
2808 S Sheridan Rd  
Tulsa, OK 74129-1077  
918 838-4645

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID: 400-39-21-246**

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

George A Keepers, MD  
Residency Training Prgm  
3181 SW Sam Jackson Park Rd  
Dept of Psychiatry UHN 80  
Portland, OR 97201-3098  
503 494-6149

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 7)

**Program ID: 400-40-21-185**

**Pennsylvania****Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Enos D Martin, MD  
Pennsylvania State University Psychiatry Dept  
Milton S Hershey Medical Center  
PO Box 850 500 University Dr  
Hershey, PA 17033  
717 531-8338

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 6)

*Subspecialties:* CHP

**Program ID: 400-41-11-187**

**Norristown****Norristown State Hospital Program**

Norristown State Hospital  
Medical College of Pennsylvania Hospital

*Program Director:*

Sharon M Curlik, DO  
Norristown State Hospital  
1001 Sterigere St  
Norristown, PA 19401-5397  
610 270-1041

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 6)

**Program ID: 400-41-31-188**

**Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center  
Belmont Center for Comprehensive Treatment

*Program Director:*

Frederick C Miller, MD  
Albert Einstein Medical Center  
5501 Old York Rd  
Philadelphia, PA 19141-3098  
215 456-7045

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 6)

*Subspecialties:* CHP

**Program ID: 400-41-31-189**

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital  
Abington Memorial Hospital  
Crozer-Chester Medical Center

*Program Director:*

Bryce Templeton, MD  
Hahnemann University Hospital  
245 N Broad & Vine Sts MS 403  
17309 New College Bldg  
Philadelphia, PA 19102-1192  
215 762-8126

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 8)

*Subspecialties:* CHP

**Program ID: 400-41-21-191**

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital

*Program Director:*

Douglas F Levinson, MD  
Medical College of Pennsylvania  
Dept of Psychiatry  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-4148

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 10)

**Program ID: 400-41-21-192**

\* Updated information not provided.

## Accredited Programs in Psychiatry

### Pennsylvania Hospital Program\*

Pennsylvania Hospital

*Program Director:*

Melvin Singer, MD  
Institute of Pennsylvania Hospital  
111 N 49th St  
Philadelphia, PA 19139  
215 471-2318

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

*Program ID:* 400-41-11-193

### Temple University Program

Temple University Hospital

*Program Director:*

Karen T Jordan, MD PhD  
Temple University Hospital Dept of Psychiatry  
3401 N Broad St  
Philadelphia, PA 19140  
215 707-3360

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 7)

*Program ID:* 400-41-21-195

### Thomas Jefferson University Program

Thomas Jefferson University Hospital

Crozer-Chester Medical Center

Friends Hospital

Northwestern Institute of Psychiatry

*Program Director:*

Edward K Silberman, MD  
Thomas Jefferson University Hospital  
1025 Walnut St  
Curtis Cl Bldg Rm 327G  
Philadelphia, PA 19107  
215 955-6104

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 8)

*Program ID:* 400-41-21-196

### University of Pennsylvania Program

Hospital of the University of Pennsylvania

Pennsylvania Hospital

Philadelphia Child Guidance Center

Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

A John Sargent, MD  
University of Pennsylvania Dept of Psychiatry  
1 Maloney Bldg  
3600 Spruce St  
Philadelphia, PA 19104-4283  
215 662-3513

*Length:* 4 Year(s) *Total Positions:* 41 (GYI: 8)

*Program ID:* 400-41-21-197

### Pittsburgh

#### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Kathleen A Pajer, MD MPH  
Dept of Psychiatry  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212  
412 359-8188

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 400-41-21-272

#### St Francis Medical Center Program

St Francis Medical Center

*Program Director:*

David J Lynn, MD  
Dept of Psychiatry  
St Francis Medical Center  
400 45th St  
Pittsburgh, PA 15201  
412 622-4796

*Length:* 3 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 400-41-21-243

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh

Montefiore University Hospital (UPMC)

Presbyterian-University Hospital/UPMC

Veterans Affairs Medical Center (Pittsburgh)

Western Psychiatric Institute and Clinic/UPMC

*Program Director:*

Lawson F Bernstein, MD  
Western Psychiatric Institute Clinic  
3811 O'Hara St  
Pittsburgh, PA 15213-2593  
412 624-2876

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 9)

*Program ID:* 400-41-31-198

## Puerto Rico

### San Juan

#### Puerto Rico Institute of Psychiatry Program

Puerto Rico Institute of Psychiatry

State Psychiatric Hospital

*Program Director:*

Myrna Zegarra Paz, MD  
Puerto Rico Institute of Psychiatry  
GPO Box 363741  
San Juan, PR 00936-3741  
809 754-5040

*Length:* 3 Year(s) *Total Positions:* 30 (GYI: 10)

*Program ID:* 400-42-22-200

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine

University Hospital

Veterans Affairs Medical Center (San Juan)

*Program Director:*

Haydee Costos-Lozada, MD  
Dept of Psychiatry  
GPO Box 5067  
San Juan, PR 00936

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 5)

*Program ID:* 400-42-31-201

## Rhode Island

### Providence

#### Brown University Program\*

Butler Hospital

Miriam Hospital

Rhode Island Hospital

Roger Williams Medical Center

Veterans Affairs Medical Center (Providence)

*Program Director:*

Ronald M Wintrob, MD  
Butler Hospital  
345 Blackstone Blvd  
Providence, RI 02906  
401 455-6375

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)

*Program ID:* 400-43-21-203

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine

Charleston Memorial Hospital

MUSC Medical Center

Veterans Affairs Medical Center (Charleston)

*Program Director:*

Al Santos, MD  
Medical Univ of South Carolina Dept of Psych and Behav Sci  
171 Ashley Ave  
Charleston, SC 29425  
803 792-8582

*Length:* 4 Year(s) *Total Positions:* 58 (GYI: 14)

*Subspecialties:* CHP

*Program ID:* 400-45-21-204

### Columbia

#### William S Hall Psychiatric Institute-University of South Carolina School of Medicine Program\*

William S Hall Psych Inst-Univ of South Carolina Sch of Med

Richland Memorial Hospital-Univ of South Carolina Sch of Med

Williams Jennings Bryan Dorn Veterans Hospital

*Program Director:*

Peter H Swanson, MD  
William S Hall Psychiatric Institute  
1800 Colonial Dr  
PO Box 202

Columbia, SC 29202

803 734-7037

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 4)

*Subspecialties:* CHP

*Program ID:* 400-45-31-205

## South Dakota

### Sioux Falls

#### University of South Dakota Program

University of South Dakota School of Medicine

McKenna Hospital

Royal C Johnson Veterans Affairs Medical Center

Southeastern Mental Health Center

*Program Director:*

K Lynn Paul, MD  
University of South Dakota  
Dept of Psychiatry  
800 E 21st St  
Sioux Falls, SD 57101  
605 335-2989

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Subspecialties:* CHP

*Program ID:* 400-46-21-260

\* Updated information not provided.

**Tennessee****Johnson City****East Tennessee State University Program**

James H Quillen College of Medicine  
Johnson City Medical Center Hospital  
Veterans Affairs Medical Center (Mountain Home)  
Woodridge Hospital

*Program Director:*

Brent R Coyle, MD  
East Tennessee State Univ James H Quillen Coll of Med  
Dept of Psychiatry  
Box 70567  
Johnson City, TN 37614-0567  
615 461-7358

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 5)  
*Program ID:* 400-47-21-258

**Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

David M Allen, MD  
Univ of Tennessee Memphis  
Dept of Psychiatry  
66 N Pauline Ste 633  
Memphis, TN 38105  
901 448-4567

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 5)  
*Subspecialties:* CHP  
*Program ID:* 400-47-21-206

**Nashville****George W Hubbard Hospital of Meharry Medical College Program\***

George W Hubbard Hospital of Meharry Medical College  
Alvin C York Veterans Affairs Medical Center  
Middle Tennessee Mental Health Institute

*Program Director:*

Madeline E Farmer, MD  
Meharry Medical College Dept of Psychiatry  
1005 David B Todd Blvd  
Nashville, TN 37208  
615 327-6491

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 400-47-21-207

**Vanderbilt University Program**

Vanderbilt University Medical Center

*Program Director:*

James L Nash, MD  
Vanderbilt University School of Medicine  
Dept of Psychiatry  
Village at Vanderbilt Suite 2200  
Nashville, TN 37212-7646  
615 322-4796

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 6)  
*Program ID:* 400-47-11-208

**Texas****Austin****Austin State Hospital Program**

Austin State Hospital  
Austin-Travis County Mental Health and Retardation  
Center  
Central Texas Medical Foundation

*Program Director:*

Beverly Sutton, MD  
Austin State Hospital  
4110 Guadalupe  
Austin, TX 78751-4296  
512 371-6814

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 400-48-12-209

**Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial  
Hospital  
Presbyterian Hospital of Dallas  
Terrell State Hospital  
Veterans Affairs Medical Center (Dallas)  
Zale-Lipsby University Hospital

*Program Director:*

Paul C Mohl, MD  
University of Texas Southwestern Medical School  
5323 Harry Hines Blvd  
Dallas, TX 75235-9070  
214 648-2216

*Length:* 4 Year(s) *Total Positions:* 63 (GYI: 11)  
*Subspecialties:* CHP  
*Program ID:* 400-48-21-211

**El Paso****Texas Tech University (El Paso) Program**

Texas Tech University Health Sciences Center at El Paso  
R E Thomason General Hospital

*Program Director:*

David F Briones, MD  
Texas Tech University Health Sciences Center  
4800 Alberta  
El Paso, TX 79905-1298  
915 545-6830

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)  
*Program ID:* 400-48-11-217

**Fort Worth****John Peter Smith Hospital (Tarrant County Hospital District) Program**

John Peter Smith Hospital (Tarrant County Hospital  
District)

*Program Director:*

Don C Payne, MD  
Dept of Psychiatry  
1500 S Main St  
Fort Worth, TX 76104  
817 927-3636

*Length:* 4 Year(s)  
*Program ID:* 400-48-21-282

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Joan A Lang, MD  
University of Texas Medical Branch  
Dept of Psychiatry  
Rte 0430

Galveston, TX 77555-0430  
409 772-4833

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)  
*Program ID:* 400-48-11-212

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General  
Hospital  
Methodist Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

James W Lomax, MD  
Baylor College of Medicine Dept of Psychiatry  
One Baylor Plaza Ste 619D  
Houston, TX 77030  
713 798-4878

*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 10)  
*Program ID:* 400-48-21-213

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Harris County Psychiatric Center  
Hermann Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Edward L Reilly, MD  
University of Texas Mental Sciences Institute  
1300 Moursund Ave  
Rm 267

Houston, TX 77030-3497  
713 794-1463

*Length:* 4 Year(s) *Total Positions:* 45 (GYI: 12)  
*Program ID:* 400-48-31-215

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Kemuel L Philbrick, MD  
Wilford Hall USAF Medical Center  
2200 Bergquist Dr Ste 1  
PSCCE/WHMC  
Lackland AFB, TX 78236-5300  
210 670-7725

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
*Program ID:* 400-48-21-001

**Lubbock****Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
St Mary of the Plains Hospital  
University Medical Center

*Program Director:*

Elizabeth Stuyt, MD  
Texas Tech University Health Sciences Center  
Lubbock, TX 79430  
806 743-2800

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 400-48-21-256

\* Updated information not provided.

## San Antonio

### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphree Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

*Program Director:*

Kenneth L Matthews, MD  
University of Texas Health Science Center  
Dept of Psychiatry  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7792  
210 567-5430

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 8)  
**Program ID:** 400-48-31-218

## Temple

### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital

*Program Director:*

Jack D Burke Jr, MD MPH  
Scott and White Memorial Hospital  
2401 S 31st St  
Temple, TX 76508  
817 724-1768

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 400-48-21-276

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
University Counseling Center  
University of Utah Neuropsychiatric Institute  
Valley Mental Health  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

G William Thatcher, MD  
University of Utah School of Medicine Dept of Psychiatry  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-4096

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 4)  
**Program ID:** 400-49-21-219

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont

*Program Director:*

L Ragon Willmuth, MD  
University of Vermont College of Medicine  
Dept of Psychiatry  
1 S Prospect St  
Burlington, VT 05401  
802 666-4560

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 400-50-11-241

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center  
Veterans Affairs Medical Center (Salem)

*Program Director:*

John Buckman, MD  
University of Virginia  
Dept of Psychiatric Medicine  
Blue Ridge Hospital Drawer D  
Charlottesville, VA 22901  
804 924-5408

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)  
**Program ID:** 400-51-21-220

## Norfolk

### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
Sentara Norfolk General Hospital  
Veterans Affairs Medical Center (Hampton)

*Program Director:*

Maria R Urbano, MD  
Eastern Virginia Medical School  
Dept of Psychiatry  
PO Box 1980  
Norfolk, VA 23501  
804 446-5884

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 1)  
**Program ID:** 400-51-21-221

## Portsmouth

### Naval Medical Center (Portsmouth) Program\*

Naval Medical Center (Portsmouth)

*Program Director:*

Capt Benjamin A Carey, MD  
Naval Hospital  
Dept of Psychiatry  
Portsmouth, VA 23708-5000  
804 398-5281

*Length:* 4 Year(s) *Total Positions:* 17  
**Program ID:** 400-51-12-007

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)  
MCV-Virginia Treatment Center for Children  
Medical College of Virginia Hospitals

*Program Director:*

John R Urbach, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980710  
Richmond, VA 23298-0710  
804 828-9157

*Length:* 4 Year(s) *Total Positions:* 36 (GYI: 9)  
**Program ID:** 400-51-21-223

## Roanoke

### University of Virginia (Roanoke-Salem) Program

Carilion Health System  
Roanoke Memorial Hospitals  
Veterans Affairs Medical Center (Salem)

*Program Director:*

Wilford W Spradlin, MD  
Roanoke Memorial Hospital  
PO Box 13367  
Roanoke, VA 24033  
703 981-7695

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 8)  
**Program ID:** 400-51-21-267

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Harborview Medical Center  
Sacred Heart Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Johan Verhulst, MD  
Dept of Psychiatry & Behavioral Sciences (XD-45)  
4225 Roosevelt Way NE  
Ste 306  
Seattle, WA 98105  
206 543-6577

*Length:* 4 Year(s) *Total Positions:* 55 (GYI: 10)  
**Program ID:** 400-54-21-225

## West Virginia

### Charleston

#### West Virginia University (Charleston Division) Program

Charleston Area Medical Center

*Program Director:*

T O Dickey III, MD  
Dept of Behavioral Medicine and Psychiatry  
Robert C Byrd HSC/WVU/Charleston  
PO Box 1547  
Charleston, WV 25326  
304 341-1500

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Subspecialties:* CHP  
**Program ID:** 400-55-21-264

## Morgantown

#### West Virginia University Program\*

West Virginia University Hospitals  
Charleston Area Medical Center

*Program Director:*

Dianne W Trumbull, MD  
Dept of Behavioral Medicine and Psychiatry  
West Virginia University Med Ctr  
930 Chestnut Ridge Rd  
Morgantown, WV 26506  
304 293-2411

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 8)  
**Program ID:** 400-55-21-226

\* Updated information not provided.

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
Meriter Hospital  
William S Middleton Veterans Hospital

*Program Director:*

Stephen J Weiler, MD  
University of Wisconsin Hospital Clinics  
600 Highland Ave  
B6/214

Madison, WI 53792-2475

608 263-6092

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)

**Program ID:** 400-56-21-228

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center,  
Columbia Hospital  
Froedtert Memorial Lutheran Hospital  
Milwaukee County Mental Health Complex  
Milwaukee Psychiatric Hospital-Dewey Center

*Program Director:*

Carlyle H Chan, MD  
Dept of Psychiatry  
Medical College of Wisconsin  
8701 Watertown Plank Rd  
Milwaukee, WI 53226-4801  
414 257-5995

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 7)

*Subspecialties:* CHP

**Program ID:** 400-56-21-229

**University of Wisconsin (Milwaukee) Program**

Sinai Samaritan Medical Center  
University of Wisconsin Hospital and Clinics

*Program Director:*

Gregory R Winter, MD  
Sinai Samaritan Medical Center  
PO Box 342  
Milwaukee, WI 53201-0342  
414 937-5491

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 5)

**Program ID:** 400-56-21-259

**Winnebago****Winnebago Mental Health Institute Program**

Winnebago Mental Health Institute  
Mercy Medical Center of Oshkosh

*Program Director:*

Thomas Kelley, MD  
Winnebago Mental Health Institute  
Box 9  
Butler Ave  
Winnebago, WI 54985-0009  
414 236-2909

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID:** 400-56-12-230

**Pulmonary Disease  
(Internal Medicine)****Alabama****Birmingham****University of Alabama Medical Center Program**

University of Alabama Hospital

*Program Director:*

K Randall Young Jr, MD  
University of Alabama Hospital  
215 Tinsley Harrison Tower  
1900 University Blvd  
Birmingham, AL 35294  
205 934-5400

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 149-01-21-124

**Mobile****University of South Alabama Program**

University of South Alabama Medical Center

*Program Director:*

John B Bass Jr, MD  
University of South Alabama Medical Center  
2451 Fillingim St  
10th Fl Ste G  
Mobile, AL 36617  
205 471-7888

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 149-01-11-048

**Arizona****Phoenix****Good Samaritan Regional Medical Center Program**

Good Samaritan Regional Medical Center  
Carl T Hayden Veterans Affairs Medical Center (Phoenix)

*Program Director:*

Jay J Rohwedder, MD  
Bernard E Levine, MD  
Chief Pulmonary Disease Section  
Carl T Hayden VA Medical Center  
650 E Indian School Rd  
Phoenix, AZ 85012  
602 277-5551

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 149-03-21-033

**California****Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Philip M Gold, MD  
Loma Linda University Medical Center  
PO Box 2000  
Loma Linda, CA 92354  
909 824-4489

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 149-05-21-083

**Los Angeles****Cedars-Sinai Medical Center Program**

Cedars-Sinai Medical Center

*Program Director:*

Spencer K Koerner, MD  
Cedars-Sinai Med Ctr  
8700 Beverly Blvd  
Los Angeles, CA 90048  
310 855-4685

*Length:* 2 Year(s) *Total Positions:* 9

**Program ID:** 149-05-11-109

**Charles R Drew University Program\***

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*

Albert H Niden, MD  
LA County-Martin Luther King Jr-Drew Medical Center  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
213 603-4597

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 149-05-11-126

**UCLA Medical Center Program**

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Paul E Bellamy, MD  
UCLA Schl of Med  
Ctr for the Hlth Sci  
Los Angeles, CA 90024-1736  
213 825-5316

*Length:* 2 Year(s) *Total Positions:* 8

**Program ID:** 149-05-11-127

**Veterans Affairs Medical Center (West Los Angeles) Program**

Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Silverio M Santiago, MD  
11301 Wilshire Blvd  
Los Angeles, CA 90073  
310 824-3208

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 149-05-31-050

**Los Angeles (Sepulveda)****UCLA San Fernando Valley Program**

Veterans Affairs Medical Center (Sepulveda)  
LAC-Olive View Medical Center  
UCLA Medical Center

*Program Director:*

Michael R Littner, MD  
VA Medical Center  
16111 Plummer St  
Sepulveda, CA 91343-2099  
818 895-9395

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 149-05-21-174

**San Francisco****California Pacific Medical Center Program**

California Pacific Medical Center  
California Pacific Medical Center (Pacific Campus)

*Program Director:*

Ronald Elkin, MD  
Pacific Presbyterian Medical Center  
Dept of Medicine  
2100 Webster St Ste 110  
San Francisco, CA 94115  
415 749-5746

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 149-05-12-147

\* Updated information not provided.

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

Darryl Y Sue, MD

Los Angeles County-Harbor-UCLA Medical Center

Respiratory Medicine RB-2

1000 W Carson St

Torrance, CA 90509

310 222-3801

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 149-05-11-170

## Colorado

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center

Denver Health and Hospitals

Veterans Affairs Medical Center (Denver)

*Program Director:*

Marvin I Schwarz, MD

Univ of Colorado Health Sciences Center Dept of

Medicine

4200 E Ninth Ave

Box C272

Denver, CO 80262

303 270-7047

*Length:* 2 Year(s) *Total Positions:* 18

*Program ID:* 149-07-21-058

## Connecticut

### Bridgeport

#### Yale University (Bridgeport) Program

Bridgeport Hospital

Yale-New Haven Hospital

*Program Director:*

Raymond G Haddad, MD

Bridgeport Hospital

267 Grant St

Bridgeport, CT 06610

203 384-3794

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 149-08-21-199

### New Haven

#### Yale-New Haven Medical Center Program\*

Yale-New Haven Hospital

Hospital of St Raphael

Veterans Affairs Medical Center (West Haven)

Waterbury Hospital Health Center

*Program Director:*

Richard A Matthay, MD

Yale Univ School of Medicine Dept of Medicine

Pulmonary/Critical Care (LCI 105)

333 Cedar St PO Box 208057

New Haven, CT 06520-8057

203 785-4196

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 149-08-21-024

## Norwalk

### Yale University/Norwalk Hospital Program

Norwalk Hospital

*Program Director:*

Jonathan M Fine, MD

Norwalk Hospital Dept of Medicine

Section of Pulmonary Medicine

Norwalk, CT 06856

203 855-3543

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 149-08-31-003

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine

George Washington University Hospital

Veterans Affairs Medical Center (Washington DC)

*Program Director:*

Prashant Rohatgi, MD

George Washington University Hospital

Dept of Med Pulmonary Div 4-230

2150 Pennsylvania Ave NW

Washington, DC 20037

202 994-0324

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 149-10-21-111

#### Howard University Program

Howard University Hospital

District of Columbia General Hospital

*Program Director:*

Alvin V Thomas Jr, MD

Howard University Hospital

Div of Pulmonary Diseases Rm 6C-30

2041 Georgia Ave NW

Washington, DC 20060

202 865-6798

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 149-10-21-086

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Kenneth G Torrington, MD

Pulmonary and Critical Care Med

Walter Reed Army Med Ctr

6825 16th St NW

Washington, DC 20307-5001

202 576-1749

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 149-10-11-129

## Florida

### Tampa

#### University of South Florida Program

University of South Florida College of Medicine

James A Haley Veterans Hospital

Tampa General Healthcare

Vencor Hospital

Veterans Affairs Medical Center (Bay Pines)

*Program Director:*

Allan L Goldman, MD

University of South Florida College of Medicine

Div of Pulmonary/Critical Care 111C

13000 Bruce B Downs Blvd

Tampa, FL 33612-4798

813 972-7543

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 149-11-21-037

## Illinois

### Chicago

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Lawrence D H Wood, MD PhD

University of Chicago Hospitals

5841 S Maryland Ave

MC6026 Rm M-653

Chicago, IL 60637-1470

312 702-1456

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 149-16-11-060

### North Chicago

#### Finch University of Health Sciences/Chicago Medical School Program

Finch University of Health Sciences/Chicago Medical

School

Mount Sinai Hospital Medical Center of Chicago

Veterans Affairs Medical Center (North Chicago)

*Program Director:*

Eric H Gluck, MD

University of Health Science/The Chicago Medical School

Dept of Medicine

333 Green Bay Rd

North Chicago, IL 60064-3095

708 578-3291

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 149-16-21-051

## Springfield

#### Southern Illinois University Program

Southern Illinois University School of Medicine

Memorial Medical Center

St John's Hospital

*Program Director:*

Lanie E Eagleton, MD

Southern Illinois University School of Medicine

800 N Rutledge

PO Box 19230

Springfield, IL 62794-9230

217 782-0187

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 149-16-21-194

\* Updated information not provided.

**Indiana****Indianapolis****Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*

Stephen J Jay, MD  
 Methodist Hospital of Indiana  
 I-65 at 21st St  
 PO Box 1367  
 Indianapolis, IN 46206-1367  
 317 929-8226

*Length: 2 Year(s) Total Positions: 2***Program ID: 149-17-11-110****Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
 Veterans Affairs Medical Center (Lexington)

*Program Director:*

Nausherwan Burki, MD  
 University Hospital-Albert B Chandler Medical Center  
 800 Rose St MN 578  
 Lexington, KY 40536  
 606 323-5045

*Length: 2 Year(s) Total Positions: 6***Program ID: 149-20-21-172****Louisville****University of Louisville Program**

University of Louisville School of Medicine  
 University of Louisville Hospital  
 Veterans Affairs Medical Center (Louisville)

*Program Director:*

Eugene C Fletcher, MD  
 University of Louisville  
 Dept of Medicine  
 Ambulatory Care Bldg 3rd Fl  
 Louisville, KY 40292  
 502 852-5841

*Length: 2 Year(s) Total Positions: 6***Program ID: 149-20-31-087****Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation

*Program Director:*

John M Onofrio, MD  
 Alton Ochsner Medical Foundation  
 Dept of Grad Med Educ  
 1516 Jefferson Hwy  
 New Orleans, LA 70121  
 504 842-4055

*Length: 2 Year(s) Total Positions: 3***Program ID: 149-21-22-143****Tulane University Program**

Tulane University School of Medicine  
 Medical Center of Louisiana at New Orleans-Tulane  
 Division  
 Tulane University Hospital and Clinics  
 Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

Mitchell Friedman, MD  
 Tulane Medical Center  
 1430 Tulane Ave  
 New Orleans, LA 70112-2699  
 504 588-2250

*Length: 2 Year(s) Total Positions: 8***Program ID: 149-21-21-106****Maryland****Baltimore****University of Maryland Program**

University of Maryland Medical System  
 Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Lewis J Rubin, MD  
 University of Maryland Medical Center  
 Div of Pulmonary & Critical Care  
 10 S Pine St Ste 800  
 Baltimore, MD 21201-1192  
 410 706-3344

*Length: 2 Year(s) Total Positions: 9***Program ID: 149-23-21-039****Bethesda****National Naval Medical Center (Bethesda) Program\***

National Naval Medical Center (Bethesda)

*Program Director:*

Angeline A Lazarus, MD  
 National Naval Medical Center  
 Pulmonary Medicine  
 8901 Wisconsin Ave  
 Bethesda, MD 20889-5600  
 301 295-4191

*Length: 2 Year(s) Total Positions: 1***Program ID: 149-23-11-150****Massachusetts****Boston****Boston University Program\***

Boston University School of Medicine  
 Boston City Hospital  
 Boston University Medical Center-University Hospital  
 Veterans Affairs Medical Center (Boston)

*Program Director:*

David M Center, MD  
 Jeffrey S Berman, MD  
 Boston University School of Medicine  
 80 E Concord St K-600  
 Boston, MA 02118  
 617 638-4860

*Length: 2 Year(s) Total Positions: 16***Program ID: 149-24-21-151****Brigham and Women's Hospital Program**

Brigham and Women's Hospital

*Program Director:*

Barry D Fuchs, MD  
 West Roxbury VA Medical Center  
 1400 VFW Pkwy  
 West Roxbury, MA 02132  
 617 323-7700

*Length: 2 Year(s) Total Positions: 4***Program ID: 149-24-21-006****Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*

David M Systrom, MD  
 Massachusetts General Hospital  
 Fruit St Bulfinch One  
 Boston, MA 02114  
 617 726-3734

*Length: 2 Year(s) Total Positions: 15***Program ID: 149-24-11-063****New England Deaconess Hospital Program 1**

New England Deaconess Hospital

*Program Director:*

Ronald C Silvestri, MD  
 Deaconess Hospital  
 Pulmonary Section  
 One Deaconess Rd  
 Boston, MA 02215  
 617 632-9975

*Length: 2 Year(s) Total Positions: 2***Program ID: 149-24-21-175****Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*

John M Madison, MD  
 University of Massachusetts Medical Center  
 55 Lake Ave N  
 Worcester, MA 01655  
 508 856-3121

*Length: 2 Year(s) Total Positions: 4***Program ID: 149-24-21-008****Michigan****Detroit****Sinai Hospital Program**

Sinai Hospital

*Program Director:*

Bohdan Pichurko, MD  
 Sinai Hospital  
 Medical Staff Office  
 6767 W Outer Dr  
 Detroit, MI 48235-2899  
 313 493-5780

*Length: 2 Year(s) Total Positions: 2***Program ID: 149-25-11-192**

\* Updated information not provided.



**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
 Detroit Receiving Hospital and University Health Center  
 Harper Hospital  
 Veterans Affairs Medical Center (Allen Park)

*Program Director:*  
 Basim A Dubaybo, MD  
 Harper Hospital Dept of Medicine  
 3990 John R 3 Hudson  
 Detroit, MI 48201  
 313 745-6033  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 149-25-21-045

**East Lansing**

**Michigan State University Program**

Michigan State University College of Human Medicine  
 Michigan Capital Medical Center

*Program Director:*  
 Gauresh H Kashyap, MD  
 Michigan Capital Medical Center  
 401 W Greenlawn  
 Lansing, MI 48910-2819  
 517 334-2344  
*Length:* 2 Year(s)  
**Program ID:** 149-25-21-073

**Minnesota**

**Minneapolis**

**University of Minnesota Program\***

University of Minnesota Medical School  
 University of Minnesota Hospital and Clinic  
 Veterans Affairs Medical Center (Minneapolis)

*Program Director:*  
 Varies  
 Pulmonary Disease  
 University of Minnesota Hospital and Clinic  
 Dept of Medicine Box 132  
 420 Delaware St SE  
 Minneapolis, MN 55455  
 612 624-0999  
*Length:* 2 Year(s) *Total Positions:* 11  
**Program ID:** 149-26-21-114

**Mississippi**

**Jackson**

**University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
 University Hospital  
 Veterans Affairs Medical Center (Jackson)

*Program Director:*  
 Joe R Norman, MD  
 University Hospital  
 2500 N State St  
 Jackson, MS 39216-4505  
 601 984-5650  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 149-27-21-074

**Nebraska**

**Omaha**

**Creighton University Program**

Creighton/Nebraska University Health Foundation  
 AMI St Joseph Hospital at Creighton Univ Medical Center  
 Veterans Affairs Medical Center (Omaha)

*Program Director:*  
 Walter J O'Donohue Jr, MD  
 Pulmonary Medicine Ste 3820  
 601 N 30th St  
 Omaha, NE 68131-2100  
 402 449-4486  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 149-30-21-154

**University of Nebraska Program**

University of Nebraska Medical Center  
 Veterans Affairs Medical Center (Omaha)

*Program Director:*  
 John R Spurzem, MD  
 Univ of Nebraska Medical Center Pulmonary Section  
 600 S 42nd St  
 Omaha, NE 68198-5300  
 402 559-4088  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 149-30-21-155

**New Jersey**

**South Orange**

**Seton Hall University School of Graduate Medical Education Program**

Seton Hall University School of Graduate Medical Education  
 St Joseph's Hospital and Medical Center

*Program Director:*  
 M Anees Khan, MD  
 St Joseph's Hospital and Medical Center  
 703 Main St  
 Paterson, NJ 07503  
 201 977-2038  
*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 149-33-11-156

**New Mexico**

**Albuquerque**

**University of New Mexico Program**

University of New Mexico School of Medicine  
 University Hospital  
 Veterans Affairs Medical Center (Albuquerque)

*Program Director:*  
 Howard Levy, MD  
 University of New Mexico Dept of Medicine  
 2211 Lomas Blvd NE  
 5th Fl Ambulatory Care Ctr  
 Albuquerque, NM 87131-5271  
 505 272-4751  
*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 149-34-21-177

**New York**

**Bronx**

**Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
 Bronx Municipal Hospital Center  
 Montefiore Medical Center-Henry and Lucy Moses  
 Division

*Program Director:*  
 Thomas K Aldrich, MD  
 Montefiore Medical Center Pulmonary Div  
 111 E 210th St  
 Bronx, NY 10467  
 718 920-6087  
*Length:* 2 Year(s) *Total Positions:* 15  
**Program ID:** 149-35-21-101

**Bronx-Lebanon Hospital Center Program**

Bronx-Lebanon Hospital Center

*Program Director:*  
 Jerome Ernst, MD  
 Bronx-Lebanon Hospital Center  
 1276 Fulton Ave  
 Bronx, NY 10456  
 718 901-8645  
*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 149-35-11-102

**Brooklyn**

**Brookdale Hospital Medical Center Program**

Brookdale Hospital Medical Center

*Program Director:*  
 Elliott Bondi, MD  
 Brookdale Hospital and Medical Center  
 Linden Blvd at Brookdale Plaza  
 Brooklyn, NY 11212-3198  
 718 240-5236  
*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 149-35-11-157

**Brooklyn Hospital Center Program**

Brooklyn Hospital Center

*Program Director:*  
 Ramesh S Gulrajani, MD  
 The Brooklyn Hospital Center  
 121 DeKalb Ave  
 Brooklyn, NY 11201  
 718 250-6950  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 149-35-12-185

**Coney Island Hospital Program**

Coney Island Hospital

*Program Director:*  
 Santi R Dhar, MD  
 Coney Island Hospital  
 2601 Ocean Pkwy  
 Brooklyn, NY 11235  
 718 615-5370  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 149-35-11-178

**Interfaith Medical Center Program**

Interfaith Medical Center

*Program Director:*  
 Gerald M Greenberg, MD  
 Interfaith Medical Center  
 555 Prospect Pl  
 Brooklyn, NY 11238  
 718 935-7503  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 149-35-21-179

\* Updated information not provided.

**Long Island College Hospital Program**

Long Island College Hospital  
Woodhull Medical and Mental Health Center

*Program Director:*

Marshal S Reminick, MD  
Long Island College Hospital  
340 Henry St  
Brooklyn, NY 11201  
718 780-1766

*Length: 2 Year(s) Total Positions: 5***Program ID: 149-35-11-064****Maimonides Medical Center Program**

Maimonides Medical Center

*Program Director:*

Sidney Tessler, MD  
Maimonides Medical Center  
4802 10th Ave  
Brooklyn, NY 11219  
718 283-8380

*Length: 2 Year(s) Total Positions: 4***Program ID: 149-35-11-158****New York Methodist Hospital Program**

New York Methodist Hospital

*Program Director:*

Nanarao Anandarao, MB BS  
The Methodist Hosp  
506 Sixth St  
Brooklyn, NY 11215  
718 780-3246

*Length: 2 Year(s) Total Positions: 3***Program ID: 149-35-11-091****SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at Brooklyn

Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Linda S Eferen, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave Box 19  
Brooklyn, NY 11203-2098  
718 270-1770

*Length: 2 Year(s) Total Positions: 11***Program ID: 149-35-21-054****East Meadow****SUNY at Stony Brook (East Meadow) Program**

Nassau County Medical Center

*Program Director:*

Linga Raju, MD  
Nassau County Medical Center  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-8714

*Length: 2 Year(s) Total Positions: 3***Program ID: 149-35-21-089****Flushing****New York Hospital Medical Center of Queens Program\***

New York Hospital Medical Center of Queens

*Program Director:*

Stephen Karbowitz, MD  
The New York Hospital Medical Center of Queens  
56-45 Main St  
Flushing, NY 11355-5095  
718 670-1405

*Length: 2 Year(s) Total Positions: 3***Program ID: 149-35-11-090****Jamaica****Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
Catholic Medical Center (Mary Immaculate Hospital)  
Catholic Medical Center (St.John's Queens Hospital)

*Program Director:*

Albert Miller, MD  
Catholic Medical Center  
88-25 153rd St  
Jamaica, NY 11432  
718 558-7255

*Length: 2 Year(s) Total Positions: 4***Program ID: 149-35-22-047****New York****Harlem Hospital Center Program\***

Harlem Hospital Center

*Program Director:*

Charles P Felton, MD  
Harlem Hospital Center  
Dept of Medicine Rm 14-101  
506 Lenox Ave  
New York, NY 10037  
212 939-1401

*Length: 2 Year(s) Total Positions: 4***Program ID: 149-35-11-168****Lenox Hill Hospital Program**

Lenox Hill Hospital

*Program Director:*

Nathan S Seriff, MD  
Section of Pulmonary Medicine  
Lenox Hill Hospital  
100 E 77th St  
New York, NY 10021-1883  
212 434-2145

*Length: 2 Year(s) Total Positions: 2***Program ID: 149-35-11-181****Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center

*Program Director:*

Harvey M Shanies, PhD MD  
Elmhurst Hospital Center  
Dept of Internal Medicine  
79-01 Broadway  
Elmhurst, NY 11373  
718 334-3122

*Length: 2 Year(s) Total Positions: 4***Program ID: 149-35-11-116****New York Hospital/Cornell Medical Center Program**

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Diane E Stover, MD  
Memorial Sloan-Kettering Cancer Center  
Pulmonary Service  
1275 York Ave Rm C-678  
New York, NY 10021  
212 639-8380

*Length: 2 Year(s) Total Positions: 6***Program ID: 149-35-21-173****New York Hospital/Cornell Medical Center Program 1\***

New York Hospital

*Program Director:*

Crystal G Ronald, MD  
New York Hospital/Cornell Medical Center  
520 E 70th St  
Starr 505  
New York, NY 10021  
212 746-2250

*Length: 2 Year(s) Total Positions: 9***Program ID: 149-35-21-167****Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

Peter R B Caldwell, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032-8110  
212 306-1704

*Length: 2 Year(s) Total Positions: 6***Program ID: 149-35-11-142****Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Mark J Utell, MD  
University of Rochester Medical Center  
Pulmonary and Critical Care Unit  
601 Elmwood Ave Box 682  
Rochester, NY 14642-8692  
716 275-4861

*Length: 2 Year(s) Total Positions: 7***Program ID: 149-35-11-182****Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Adam Hurewitz, MD  
Health Science Center Dept of Medicine  
T-17 Rm 040  
Stony Brook, NY 11794-8172  
516 444-1776

*Length: 2 Year(s) Total Positions: 2***Program ID: 149-35-21-012****Valhalla****New York Medical College (Cabrini) Program**

New York Medical College  
Cabrini Medical Center

*Program Director:*

Wilfredo Talavera, MD  
Cabrini Medical Center  
227 E 19th St  
New York, NY 10003  
212 995-6658

*Length: 2 Year(s) Total Positions: 4***Program ID: 149-35-31-096**

\* Updated information not provided.

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center

*Program Director:*

James D Crapo, MD

Duke University Medical Center

Box 3177

Durham, NC 27710

919 684-6266

*Length:* 2 Year(s) *Total Positions:* 13

*Program ID:* 149-36-21-137

### Winston-Salem

#### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

David A Bass, MD

North Carolina Baptist Hospital

Medical Center Blvd

Winston-Salem, NC 27157-1054

910 716-4322

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 149-36-21-014

## Ohio

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland

Veterans Affairs Medical Center (Cleveland)

*Program Director:*

E Regis McFadden Jr, MD

Div of Pulmonary & Critical Care Medicine

University Hospitals of Cleveland

11000 Euclid Ave

Cleveland, OH 44106-4389

216 844-3201

*Length:* 2 Year(s) *Total Positions:* 12

*Program ID:* 149-39-21-160

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

David E Fisk, MD

Geisinger Medical Center

N Academy Ave

Danville, PA 17822

717 271-6655

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 149-41-11-138

## Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Clifford W Zwillich, MD

Milton S Hershey Medical Center

PO Box 850

Hershey, PA 17033

717 531-6525

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 149-41-11-016

## Philadelphia

#### Graduate Hospital Program

Graduate Hospital

*Program Director:*

Paul E Epstein, MD

Graduate Hospital

Pepper Pavilion Ste 607

Philadelphia, PA 19146

215 893-2424

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 149-41-11-139

#### Presbyterian Medical Center of Philadelphia Program

Presbyterian Medical Center of Philadelphia

Episcopal Hospital

*Program Director:*

James P Shinnick, DO

Presbyterian Medical Center of Philadelphia

39th & Market Sts

Philadelphia, PA 19104

215 662-8060

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 149-41-11-119

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Robert M Kotloff, MD

Hospital of the University of Pennsylvania

Pulmonary/Critical Care Fellowship

3600 Spruce St 838 West Gates

Philadelphia, PA 19104-4283

215 349-5484

*Length:* 2 Year(s) *Total Positions:* 15

*Program ID:* 149-41-21-022

## Pittsburgh

#### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital

*Program Director:*

Peter Kaplan, MD

Dept of Pulmonary Disease

Allegheny General Hospital

320 E North Ave

Pittsburgh, PA 15212-9986

412 359-3038

*Length:* 2 Year(s) *Total Positions:* 7

*Program ID:* 149-41-11-040

#### Western Pennsylvania Hospital Program

Western Pennsylvania Hospital

*Program Director:*

Paul C Fiehler, MD

Western Pennsylvania Hospital

Dept of Medicine

4800 Friendship Ave

Pittsburgh, PA 15224

412 578-5750

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 149-41-11-042

## Sayre

#### Guthrie Healthcare System Program

Robert Packer Hospital

*Program Director:*

Robert J Lenox, MD

Guthrie Healthcare System

Guthrie Sq

Sayre, PA 18840-1698

717 888-6666

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 149-41-21-198

## Wilkes-Barre

#### Northeastern Pennsylvania Hospitals Program

Veterans Affairs Medical Center (Wilkes-Barre)

Community Medical Center

*Program Director:*

Ramesh M Shah, MD

Veterans Administration Medical Center (Wilkes-Barre)

1111 East End

Wilkes-Barre, PA 18711

717 824-3521

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 149-41-31-191

## Puerto Rico

### Ponce

#### Hospital de Damas Program

Hospital de Damas

Ponce Regional Hospital

*Program Director:*

Homero Tarrats, MD

Edif Parra Ste 407

Ponce Bypass

Ponce, PR 00731

809 843-7105

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 149-42-11-190

### Rio Piedras

#### San Juan City Hospital Program

San Juan City Hospital

University Hospital Ramon Ruiz Arnau

*Program Director:*

Samuel A Amill, MD

Pulmonology/Critical Care Div

San Juan City Hospital

Box BR

Rio Piedras, PR 00928

809 765-5147

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 149-42-11-097

### San Juan

#### University of Puerto Rico Program

University of Puerto Rico School of Medicine

University Hospital

Veterans Affairs Medical Center (San Juan)

*Program Director:*

Rafael Rodriguez-Servera, MD

University Hospital Puerto Rico Medical Center

Box 5067

San Juan, PR 00935

809 754-3750

*Length:* 2 Year(s)

*Program ID:* 149-42-21-121

\* Updated information not provided.

**Veterans Affairs Medical and Regional Office Center Program**

Veterans Affairs Medical Center (San Juan)

*Program Director:*  
William Rodriguez, MD  
Veterans Administration Medical Center  
One Veterans Plaza  
San Juan, PR 00927-5800  
809 758-7575

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 149-42-31-120

**Rhode Island****Providence****Brown University (Roger Williams) Program**Roger Williams Medical Center  
Memorial Hospital of Rhode Island

*Program Director:*  
Sidney S Braman, MD  
Rhode Island Hospital Div of Pulmonary and Critical Care  
593 Eddy St  
Providence, RI 02903  
401 444-5306

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 149-43-31-043

**South Carolina****Columbia****Richland Memorial Hospital-University of South Carolina School of Medicine Program**Richland Memorial Hospital-Univ of South Carolina Sch of Med  
Williams Jennings Bryan Dorn Veterans Hospital

*Program Director:*  
Alfred B Boykin Jr, MD  
University of South Carolina School of Medicine  
Med Library Bldg #101 Room 316  
Columbia, SC 29208  
803 733-3113

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 149-45-21-093

**Tennessee****Johnson City****East Tennessee State University Program**James H Quillen College of Medicine  
Bristol Regional Medical Center  
Johnson City Medical Center Hospital  
Veterans Affairs Medical Center (Mountain Home)

*Program Director:*  
Thomas Roy, MD  
Dept of Internal Medicine  
East Tennessee State University  
PO Box 70622  
Johnson City, TN 37614-0622  
615 926-1171

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 149-47-21-187

**Memphis****University of Tennessee Program\***University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*  
John P Griffin, MD  
University of Tennessee  
956 Court Rm H-314  
Memphis, TN 38163  
901 528-5757

*Length:* 2 Year(s) *Total Positions:* 13  
**Program ID:** 149-47-21-140

**Texas****Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*  
Akhil Bidani, PhD MD  
University of Texas Medical Branch  
Eighth & Mechanic Sts  
Pulmonary Div E-61  
Galveston, TX 77550-2778  
409 772-2436

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 149-48-21-056

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

*Program Director:*  
Stephen Derdak, DO  
59th Medical Wing (PSPMP)  
Dept of Medicine  
2200 Bergquist Dr Ste 1  
San Antonio, TX 78236-5300  
210 670-5235

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 149-48-12-057

**Temple****Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital

*Program Director:*  
Francisco Perez-Guerra, MD  
Texas A&M-Scott and White  
Graduate Med Educ  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 149-48-21-019

**Utah****Salt Lake City****University of Utah Program**University of Utah Medical Center  
LDS Hospital  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*  
John R Hoidal, MD  
University of Utah Health Sciences Center  
Pulmonary Div  
50 N Medical Dr  
Salt Lake City, UT 84132-1001  
801 581-7806

*Length:* 2 Year(s) *Total Positions:* 12  
**Program ID:** 149-49-21-164

**Vermont****Burlington****Medical Center Hospital of Vermont Program\***

Medical Center Hospital of Vermont

*Program Director:*  
Gerald S Davis, MD  
University of Vermont College of Medicine  
Dept of Medicine  
C317 Given Bldg  
Burlington, VT 05401  
802 656-2182

*Length:* 2 Year(s)  
**Program ID:** 149-50-21-165

**Virginia****Charlottesville****University of Virginia Program**

University of Virginia Medical Center

*Program Director:*  
Sharon A Esau, MD  
University of Virginia Hospitals Dept of Medicine  
Box 546  
Charlottesville, VA 22908-0001  
804 924-5219

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 149-51-21-020

**Portsmouth****Naval Medical Center (Portsmouth) Program\***

Naval Medical Center (Portsmouth)

*Program Director:*  
Angeline Lazarus, MD  
Naval Hospital (Portsmouth)  
Portsmouth, VA 23708  
804 398-5202

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 149-51-11-081

\* Updated information not provided.

## Roanoke

### University of Virginia (Roanoke-Salem) Program

Carilion Health System  
Veterans Affairs Medical Center (Salem)  
Community Hospital of Roanoke Valley  
University of Virginia Medical Center

*Program Director:*

George M Bell, MD  
Pulmonary Diseases Section (111E)  
Veterans Affairs Medical Center  
1970 Blvd  
Salem, VA 24153  
703 982-2463

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 149-51-31-030

## Washington

### Tacoma

#### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*

Col William H Cragun, MD  
Pulmonary/Critical Care Service  
Madigan Army Medical Center  
Tacoma, WA 98431-5000  
206 968-1095

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 149-54-12-068

## West Virginia

### Huntington

#### Marshall University School of Medicine Program

Marshall University School of Medicine  
Cabell Huntington Hospital  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*

Nancy J Munn, MD  
Marshall University School of Medicine  
Dept of Internal Medicine  
1801 Sixth Ave  
Huntington, WV 25701  
304 696-7231

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 149-55-21-183

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*

Richard M Effros, MD  
Medical College of Wisconsin  
Pulmonary/Critical Care  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5260

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 149-56-31-044

# Pulmonary Disease and Critical Care Medicine (Internal Medicine)

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Stuart F Quar, MD  
Univ of Arizona Coll of Med  
Respiratory Sciences Ctr  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-6114

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 156-03-21-001

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Paula J Anderson, MD  
4301 W Markham Slot #555  
Univ of Arkansas for Med Sciences  
Little Rock, AR 72205  
501 686-5525

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 156-04-21-002

## California

### Los Angeles

#### Cedars-Sinai Medical Center Program\*

Cedars-Sinai Medical Center

*Program Director:*

Laurence S Maldonado, MD  
Michael I Lewis, MD  
8700 Beverly Blvd.  
Los Angeles, CA 90048  
213 855-4658

*Length:* 3 Year(s)

*Program ID:* 156-05-21-003

### Los Angeles County-University of Southern California Medical Center Program

Los Angeles County-USC Medical Center  
Barlow Respiratory Hospital

*Program Director:*

Edward D Crandall, MD  
Univ of Southern California  
2025 Zonal Ave GNH 11900  
Los Angeles, CA 90033  
213 226-7924

*Length:* 3 Year(s) *Total Positions:* 15

*Program ID:* 156-05-31-004

### Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Mathew Brenner, MD  
Pulmonary/Critical Care Div  
Univ of California Irvine Med Ctr  
101 City Dr S  
Orange, CA 92668  
714 634-5150

*Length:* 3 Year(s) *Total Positions:* 10

*Program ID:* 156-05-11-005

### Sacramento

#### University of California (Davis) Program\*

University of California (Davis) Medical Center

*Program Director:*

Gibbe Parsons, MD  
4301 X St  
PO Box 2120  
Sacramento, CA 95817  
916 734-3664

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 156-05-12-006

### San Diego

#### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

*Program Director:*

Dennis E Amundson, MC DO  
Box #213  
Naval Hospital  
San Diego, CA 92134-5000  
619 532-9067

*Length:* 3 Year(s) *Total Positions:* 4

*Program ID:* 156-05-13-007

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Roger G Spragg, MD  
225 Dickinson St  
San Diego, CA 92103-1990  
619 552-8585

*Length:* 3 Year(s) *Total Positions:* 13

*Program ID:* 156-05-22-008

\* Updated information not provided.

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center

**Program Director:**

Michael A Matthay, MD  
John M Luce, MD  
Dept of Medicine  
Box 0120  
San Francisco, CA 94143-0000  
415 476-2807

**Length:** 3 Year(s) **Total Positions:** 24  
**Program ID:** 156-05-23-009

**Stanford****Stanford University Program**

Stanford University Hospital

**Program Director:**

Thomas A Raffin, MD  
300 Pasteur Dr Rm C-356  
Stanford, CA 94305-5236  
415 723-6381

**Length:** 3 Year(s) **Total Positions:** 11  
**Program ID:** 156-05-21-010

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
Mount Sinai Hospital  
New Britain General Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital

**Program Director:**

Daniel McNally, MD  
Univ of Connecticut Health Ctr  
Farmington, CT 06030  
203 679-2000

**Length:** 3 Year(s) **Total Positions:** 3  
**Program ID:** 156-08-21-011

**District of Columbia****Washington****Georgetown University Program**

Georgetown University Hospital  
Fairfax Hospital

**Program Director:**

Richard Waldhorn, MD  
Georgetown Univ Med Ctr  
Pulmonary/Critical Care Med  
3800 Reservoir Rd NW PHC-5  
Washington, DC 20007  
202 687-8830

**Length:** 3 Year(s) **Total Positions:** 6  
**Program ID:** 156-10-21-013

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

**Program Director:**

Eloise M Harman, MD  
Box J-225  
Univ of Florida  
Gainesville, FL 32610  
904 392-0787

**Length:** 3 Year(s) **Total Positions:** 2  
**Program ID:** 156-11-21-014

**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)

**Program Director:**

Roland M H Schein, MD  
PO Box 016760  
Univ of Miami Sch of Med  
Miami, FL 33101  
305 324-3153

**Length:** 3 Year(s) **Total Positions:** 14  
**Program ID:** 156-11-31-015

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

**Program Director:**

Gerald W Staton Jr, MD  
Crawford Long Hospital  
550 Peachtree St NE  
Atlanta, GA 30365-2225  
404 686-2505

**Length:** 3 Year(s) **Total Positions:** 9  
**Program ID:** 156-12-21-016

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

**Program Director:**

James K Smith, MD  
VA Medical Center  
Section of Pulmonary Diseases  
111 H  
Augusta, GA 30910  
709 726-0188

**Length:** 3 Year(s) **Total Positions:** 2  
**Program ID:** 156-12-31-017

**Illinois****Chicago****Cook County Hospital Program**

Cook County Hospital

**Program Director:**

Petham P Muthuswamy, MD  
Div of Pulmonary/Critical Care  
Cook County Hosp  
1835 W Harrison St  
Chicago, IL 60612  
312 633-8966

**Length:** 3 Year(s) **Total Positions:** 6  
**Program ID:** 156-16-21-018

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

**Program Director:**

Richard Davison, MD  
251 E Chicago  
Wesley-Suite 628  
Chicago, IL 60611  
312 908-2745

**Length:** 3 Year(s) **Total Positions:** 7  
**Program ID:** 156-16-21-081

**Rush-Presbyterian-St Luke's Medical Center Program**

Rush-Presbyterian-St Luke's Medical Center

**Program Director:**

Joseph E Parrillo, MD  
1753 W Congress Pkwy  
Chicago, IL 60612  
312 942-5269

**Length:** 3 Year(s) **Total Positions:** 6  
**Program ID:** 156-16-31-019

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

**Program Director:**

Ergun Onal, MD  
Univ of Illinois  
Dept of Med (M/C 787)  
840 S Wood St  
Chicago, IL 60612-7323  
312 966-8039

**Length:** 3 Year(s) **Total Positions:** 9  
**Program ID:** 156-16-21-020

**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

**Program Director:**

Martin J Tobin, MD  
Div of Pulmonary/Critical Care Med  
2160 S First Ave Rm 1312-104  
Maywood, IL 60153  
708 216-5402

**Length:** 3 Year(s) **Total Positions:** 3  
**Program ID:** 156-16-31-021

\* Updated information not provided.

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
William N Wishard Memorial Hospital

*Program Director:*  
C Michael Hart, MD

1001 W Tenth St  
OPW Room 425  
Indianapolis, IN 46202-2879  
317 630-6445

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 156-17-21-022

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*  
Gary W Hunninghake, MD  
Univ of Iowa Hospitals and Clinics  
Dept of Int Med-Pulmonary  
Iowa City, IA 52242  
319 356-4187

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 156-18-21-023

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*  
Susan Pingleton, MD  
Univ of Kansas Coll of Health Sciences  
3901 Rainbow Blvd  
Kansas City, KS 66013-7381  
913 588-6045

*Length:* 3 Year(s) *Total Positions:* 6  
*Program ID:* 156-19-21-024

## Louisiana

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus  
Southern Baptist Hospital

*Program Director:*  
Judd E Shellito, MD  
Louisiana State University  
Pulmonary/Critical Care Med  
1901 Perdido St Ste 3205  
New Orleans, LA 70112-1393  
504 568-4634

*Length:* 3 Year(s) *Total Positions:* 7  
*Program ID:* 156-21-21-025

## Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*  
Steven A Conrad, MD  
1501 Kings Hwy  
Shreveport, LA 71130-3932  
318 674-5920

*Length:* 3 Year(s) *Total Positions:* 5  
*Program ID:* 156-21-31-026

## Maine

### Portland

#### Maine Medical Center Program

Maine Medical Center

*Program Director:*  
Peter Bates, MD  
Maine Med Ctr  
22 Bramhall St  
Portland, ME 04102  
207 871-2770

*Length:* 3 Year(s) *Total Positions:* 2  
*Program ID:* 156-22-21-027

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

*Program Director:*  
J T Sylvester, MD  
Roy G Brower, MD  
600 N Wolfe St  
Baltimore, MD 21205  
301 955-3467

*Length:* 3 Year(s) *Total Positions:* 21  
*Program ID:* 156-23-21-028

## Massachusetts

### Boston

#### New England Deaconess Hospital Program

New England Deaconess Hospital  
Lahey Clinic

*Program Director:*  
Andrew G Villanueva, MD  
Lahey Clinic Med Ctr  
41 Mall Rd  
Burlington, MA 01805  
617 273-8480

*Length:* 3 Year(s) *Total Positions:* 1  
*Program ID:* 156-24-21-029

## New England Medical Center Hospitals Program

New England Medical Center Hospitals

*Program Director:*  
Leonard Sicilian, MD  
750 Washington St  
New England Med Ctr  
Boston, MA 02111  
617 956-6382

*Length:* 3 Year(s) *Total Positions:* 3  
*Program ID:* 156-24-21-030

## St Elizabeth's Medical Center of Boston Program

St Elizabeth's Medical Center of Boston

*Program Director:*  
Bartholome R Celli, MD  
Critical Care Medicine  
St Elizabeth's Hospital  
736 Cambridge St, Box 13  
Brighton, MA 02135  
617 789-2545

*Length:* 3 Year(s) *Total Positions:* 2  
*Program ID:* 156-24-31-031

## Michigan

### Ann Arbor

#### University of Michigan Program\*

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
Galen B Toews, MD  
3916 Taubman Health Center  
Ann Arbor, MI 48109-0360  
313 936-5010

*Length:* 3 Year(s) *Total Positions:* 1  
*Program ID:* 156-25-21-032

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*  
John Popovich Jr, MD  
Henry Ford Hosp  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2428

*Length:* 3 Year(s) *Total Positions:* 12  
*Program ID:* 156-25-31-033

## Minnesota

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*  
William Dunn, MD  
200 First St SW  
Rochester, MN 55905  
507 285-3275

*Length:* 3 Year(s) *Total Positions:* 5  
*Program ID:* 156-26-21-034

\* Updated information not provided.

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

R Phillip Dellinger, MD  
M 467 Medical Science Dr  
Univ Missouri Hlth Sci Ctr  
Columbia, MO 65212  
314 882-2991

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 156-28-21-035

**Kansas City****University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

Gary A Salzman, MD  
Div of Respiratory & Critical Care Medicine  
2411 Holmes  
Kansas City, MO 64108

816 276-1974  
*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 156-28-31-036

**St Louis****Barnes Hospital Group Program**

Barnes Hospital  
Jewish Hospital of St Louis

*Program Director:*

Michael J Holtzman, MD  
Washington University School of Medicine  
Box 8052  
660 S Euclid Ave  
St Louis, MO 63110  
314 362-8982

*Length:* 3 Year(s)  
**Program ID:** 156-28-11-037

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St John's Mercy Medical Center  
St Louis University Hospital

*Program Director:*

Christopher Veremakis, MD  
621 S New Ballas Rd  
Ste 2002  
St Louis, MO 63141  
314 569-6486

*Length:* 3 Year(s) *Total Positions:* 10  
**Program ID:** 156-28-12-038

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Howard L Corwin, MD  
H Worth Parker, MD  
2 Maynard St  
Hanover, NH 03756  
603 646-5000

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 156-32-21-039

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

*Program Director:*

Bruce Friedman, MD  
Suite 220  
Three Cooper Plaza  
Camden, NJ 08103  
609 342-2407

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 156-33-21-040

**Newark****UNDMJ-New Jersey Medical School Program\***

UMDNJ-New Jersey Medical School  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

*Program Director:*

Bunyad Haider, MD  
185 S Orange Ave MSB-1582  
Newark, NJ 07103  
201 456-5291

*Length:* 3 Year(s)  
**Program ID:** 156-33-31-041

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Medical Center at Princeton  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*

Philip L Schiffman, MD  
One Robert Wood Johnson Pl  
CN19  
New Brunswick, NJ 08903-0019  
908 937-7843

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 156-33-11-042

**New York****Albany****Albany Medical Center Program**

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Anthony L Malanza, MD  
Director, Division of Pulmonary and Critical Care  
Medicine  
Albany Medical Center  
A-19  
Albany, NY 12208

*Length:* 3 Year(s)  
**Program ID:** 156-35-21-043

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Alan R Saltzman, MD  
462 Grider St  
Buffalo, NY 14215  
716 898-5234

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 156-35-31-044

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Peter M Reiser, MD  
North Shore Univ Hosp  
300 Community Dr  
Manhasset, NY 11030  
516 562-4763

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 156-35-11-045

**Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital

*Program Director:*

Michael S Niederman, MD  
Winthrop-University Hosp  
222 Station Plaza N Ste 400  
Mineola, NY 11501  
516 663-2004

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 156-35-12-046

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center

*Program Director:*

Alan Multz, MD  
Long Island Jewish Med Ctr  
270-05 76th Ave  
New Hyde Park, NY 11042  
718 470-7231

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 156-35-13-047

\* Updated information not provided.



## New York

### Albert Einstein College of Medicine at Beth Israel Medical Center Program

Beth Israel Medical Center

*Program Director:*

Mark J Rosen, MD  
Beth Israel Med Ctr  
Pulmonary/Critical Care  
First Ave at 16th St  
New York, NY 10003  
212 420-2697

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 156-35-22-048

### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Englewood Hospital  
Mount Sinai Medical Center  
Queens Hospital Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*

David M Nierman, MD  
One Gustave L Levy Pl  
Annenberg 24-30 Box 1232  
New York, NY 10029  
212 241-5656

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 156-35-23-049

### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Martin E Doerfler, MD  
550 First Ave  
New York Univ Med Ctr  
New York, NY 10016  
212 561-3752

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 156-35-21-050

### St Luke's-Roosevelt Hospital Center (St Luke's) Program

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

C Redington Barrett Jr, MD  
Amsterdam Ave at 114th St  
St Luke's-Roosevelt Hosp Ctr  
New York, NY 10025  
212 523-3610

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 156-35-31-051

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at Syracuse  
Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Leo C Rotello, MD  
SUNY Health Science Ctr  
750 E Adams St  
Syracuse, NY 13210  
315 473-5235

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 156-35-12-053

## Valhalla

### New York Medical College (St Vincent) Program

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*

Mark E Astiz, MD  
St Vincent's Hosp and Med Ctr  
153 W 11th St  
New York, NY 10011  
212 780-8336

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 156-35-11-052

### New York Medical College Program

New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
Westchester County Medical Center

*Program Director:*

Lawrence J DeLorenzo, MD  
Pulmonary Laboratory  
New York Med College  
Valhalla, NY 10595  
914 285-7517

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 156-35-13-054

## North Carolina

### Chapel Hill

### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

James R Yankaskas, MD  
724 Burnett-Womack Bldg. CB#7020  
Univ of North Carolina Sch of Med  
Chapel Hill, NC 27599-7020  
919 966-1077

*Length:* 3 Year(s) *Total Positions:* 10  
**Program ID:** 156-36-21-055

## Ohio

### Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Stephen B Liggett, MD  
231 Bethesda Avenue - ML 564  
Cincinnati, OH 45267-0564  
513 558-4831

*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID:** 156-38-21-056

## Cleveland

### Case Western Reserve University (MetroHealth) Program\*

MetroHealth Medical Center

*Program Director:*

E Regis McFadden Jr, MD  
11000 Euclid Ave  
Cleveland, OH 44106  
216 844-8668

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 156-38-31-057

### Cleveland Clinic Foundation/St Vincent Charity Hospital Program

Cleveland Clinic Foundation

*Program Director:*

Herbert P Weidemann, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 3 Year(s) *Total Positions:* 10  
**Program ID:** 156-38-11-058

## Columbus

### Ohio State University Program

Ohio State University Medical Center

*Program Director:*

Paul M Dorinsky, MD  
N325 Mean Hall  
1654 Upham Dr  
Columbus, OH 43210  
614 293-4925

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 156-38-12-059

## Oklahoma

### Oklahoma City

### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

University Hospital and Clinics

Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Paul V Carlile, MD  
PO Box 26901  
South Pavilion 3rd Fl Rm 400  
Oklahoma City, OK 73190  
405 270-1573

*Length:* 1 Year(s) *Total Positions:* 8  
**Program ID:** 156-39-21-060

## Oregon

### Portland

### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Stephen Hall, MD  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-7680

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 156-40-21-061

\* Updated information not provided.

## Pennsylvania

### Philadelphia

#### Hahnemann University Program

Hahnemann University Hospital  
Crozer-Chester Medical Center

*Program Director:*

Harold L Paz, MD  
Hahnemann Univ Hosp  
Broad and Vine Sts  
Philadelphia, PA 19102  
215 448-8013

*Length:* 3 Year(s) *Total Positions:* 7

*Program ID:* 156-41-21-062

#### Medical College of Pennsylvania Program

Medical College of Pennsylvania Hospital  
Mercy Catholic Medical Center-Fitzgerald Mercy Division  
Mercy Catholic Medical Center-Misericordia Division  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Stanley Fiel, MD  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6974

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 156-41-31-063

#### Temple University Program

Temple University Hospital  
Albert Einstein Medical Center

*Program Director:*

Gerard J Criner, MD  
3401 N Broad St  
9th Floor PP  
Philadelphia, PA 19140  
215 221-8113

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 156-41-11-064

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
Jefferson Park Hospital

*Program Director:*

James E Fish, MD  
Jonathan E Gottlieb, MD  
1025 Walnut Street  
Room 804  
Philadelphia, PA 19107  
215 928-6590

*Length:* 3 Year(s)

*Program ID:* 156-41-12-065

### Pittsburgh

#### University Health Center of Pittsburgh Program 2

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Robert M Rogers, MD  
440 Scalfe Hall  
3550 Terrace St  
Pittsburgh, PA 15226-1000  
412 648-9340

*Length:* 3 Year(s) *Total Positions:* 12

*Program ID:* 156-41-13-066

## South Carolina

### Charleston

#### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
Charleston Memorial Hospital  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Steven A Sahn, MD  
Med Univ of South Carolina  
171 Ashley Ave  
Charleston, SC 29425  
803 792-0492

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 156-45-21-067

## Tennessee

### Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Gordon R Bernard, MD  
B-1317 Medical Center North  
Nashville, TN 37232-2650  
615 322-2386

*Length:* 3 Year(s)

*Program ID:* 156-47-21-068

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

Alan K Pierce, MD  
Pulmonary Disease Dept  
5323 Harry Hines Blvd  
Dallas, TX 75235-9034  
214 688-3429

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 156-48-21-069

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

Gerald R Harrington, MD  
Brooke Army Med Ctr  
Pulmonary/Critical Care Service  
Fort Sam Houston, TX 78234  
512 221-3250

*Length:* 3 Year(s) *Total Positions:* 4

*Program ID:* 156-48-21-070

## Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital

*Methodist Hospital*

Veterans Affairs Medical Center (Houston)

*Program Director:*

Joseph R Rodarte, MD  
6550 Fannin St SM 1225  
Houston, TX 77030  
713 790-6218

*Length:* 3 Year(s) *Total Positions:* 17

*Program ID:* 156-49-21-084

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Guillermo Gutierrez, MD  
6431 Fannin Ste 1.274  
Houston, TX 77030  
713 792-5110

*Length:* 3 Year(s) *Total Positions:* 11

*Program ID:* 156-48-31-071

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

University Hospital-South Texas Medical Center

*Program Director:*

Stephen G Jenkinson, MD  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7885  
512 617-5256

*Length:* 3 Year(s) *Total Positions:* 4

*Program ID:* 156-48-11-072

## Virginia

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program\*

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)

Medical College of Virginia Hospitals

*Program Director:*

Frederick L Glauser, MD  
1200 E Broad St  
Box 50  
Richmond, VA 23298-0050  
804 786-9071

*Length:* 3 Year(s)

*Program ID:* 156-51-21-073

\* Updated information not provided.

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center

*Program Director:*

Leonard D Hudson, MD  
325 Ninth Ave  
Seattle, WA 98104  
206 223-3366

*Length:* 3 Year(s) *Total Positions:* 18

*Program ID:* 156-54-21-074

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

*Program Director:*

Daniel E Banks, MD  
Room G 280-HSS  
West Virginia Univ Sch of Med  
Morgantown, WV 26506  
304 283-4661

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 156-55-21-075

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Jeffrey E Grossman, MD  
Univ of Wisconsin Hospital and Clinics  
600 Highland Ave  
Madison, WI 53792  
608 263-9041

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 156-56-21-076

## Radiation Oncology

## Alabama

### Birmingham

#### University of Alabama Medical Center Program\*

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Merle M Salter, MD  
Dept of Radiation Oncology  
Lurleen B Wallace Tumor Institute  
619 S 19th St  
Birmingham, AL 35233  
205 934-2760

*Length:* 3 Year(s) *Total Positions:* 4

*Program ID:* 430-01-21-002

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center

*Program Director:*

David S Shimm, MD  
University of Arizona College of Medicine  
Radiation Oncology Dept  
Tucson, AZ 85724  
602 626-7268

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 430-03-11-003

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Jerry D Slater, MD  
Loma Linda University Medical Center  
11234 Anderson St  
Rm B121  
Loma Linda, CA 92354  
909 824-4258

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 430-05-21-006

### Los Angeles

#### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Michael T Selch, MD  
Radiation Oncology  
200 UCLA Med Plaza  
Ste B265  
Los Angeles, CA 90024-6951  
310 825-4966

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 430-05-21-008

### University of Southern California Program\*

Los Angeles County-USC Medical Center  
California Medical Center (Los Angeles)  
Kenneth Norris Jr Cancer Hospital and Research Institute

*Program Director:*

Oscar E Streeter Jr, MD  
Univ of Southern California Dept of Radiation Oncology  
1441 Eastlake Ave  
Rm 002  
Los Angeles, CA 90033-0804  
213 226-5017

*Length:* 3 Year(s) *Total Positions:* 9

*Program ID:* 430-05-11-007

## Orange

### University of California (Irvine) Program

University of California (Irvine) Medical Center  
City of Hope National Medical Center  
Long Beach Memorial Medical Center  
St Joseph Hospital  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

Martin Colman, MD  
University of California (Irvine) Medical Center  
Dept of Radiation Oncology  
Irvine, CA 92717  
714 456-5508

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 430-05-21-005

## Pasadena

### Southern California Kaiser Permanente Medical Care (Los Angeles) Program

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*

Aroor R Rao, MD  
Kaiser Foundation Hospital  
Dept of Radiation Oncology  
4950 Sunset Blvd  
Los Angeles, CA 90027  
213 667-5841

*Length:* 3 Year(s) *Total Positions:* 1

*Program ID:* 430-05-21-115

## San Francisco

### St Mary's Hospital and Medical Center Program\*

St Mary's Hospital and Medical Center  
Seton Medical Center

*Program Director:*

Jerome M Vaeth, MD  
St Mary's Hospital and Medical Center  
Dept of Radiation Oncology  
450 Stanyan St  
San Francisco, CA 94117  
415 750-5715

*Length:* 3 Year(s)

*Program ID:* 430-05-22-012

\* Updated information not provided.

**University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
Mount Zion Medical Center of the University of California  
University of California (San Francisco) Medical Center

*Program Director:*  
Patrick Swift, MD  
Long Hospital  
Dept of Radiation Oncology  
Rm L75  
San Francisco, CA 94143-0226

415 476-4815  
*Length:* 3 Year(s) *Total Positions:* 14  
**Program ID:** 430-05-21-013

**Stanford****Stanford University Program**

Stanford University Hospital

*Program Director:*  
Richard T Hoppe, MD  
Stanford University Medical Center Dept Radiation Oncology  
300 Pasteur Dr  
Stanford, CA 94305  
415 723-5338

*Length:* 3 Year(s) *Total Positions:* 10  
**Program ID:** 430-05-11-014

**Connecticut****New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Hospital of St Raphael  
Uncas on Thames Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*  
Bruce G Haffty, MD  
Yale-New Haven Hospital  
20 York St  
New Haven, CT 06504

203 785-2959  
*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-08-11-017

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital

*Program Director:*  
Charles C Rogers, MD  
George Washington Univ Hospital Div of Radiation Oncology  
901 23rd St NW  
Washington, DC 20037  
202 994-4678

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 430-10-11-020

**Georgetown University Program**

Georgetown University Hospital  
*Program Director:*  
Christine D Berg, MD  
Georgetown University Medical Center  
Dept of Radiation Medicine  
3800 Reservoir Rd NW  
Washington, DC 20007-2197  
202 784-3320

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 430-10-21-112

**Howard University Program**

Howard University Hospital  
*Program Director:*  
Olubunmi K Abayomi, MD  
Howard University Hospital Dept of Radiation Oncology  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1421

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 430-10-11-021

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida

*Program Director:*  
Robert B Marcus Jr, MD  
Dept of Radiation Oncology  
Shands Cancer Center  
PO Box 100385  
Gainesville, FL 32610-0385  
904 395-0287

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 430-11-12-022

**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

*Program Director:*  
Aaron Wolfson, MD  
Dept of Radiation Oncology  
Sylvester Comprehensive Cancer Ctr  
PO Box 016960 (D-31)  
Miami, FL 33101  
305 548-4319

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-11-21-023

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*  
Lawrence W Davis, MD  
Emory University School of Medicine  
Dept of Radiation Oncology  
1440 Clifton Rd  
Atlanta, GA 30322  
404 248-5323

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 430-12-21-125

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Georgia Radiation Therapy Center at Augusta

*Program Director:*  
Chris Sheils, MD  
Georgia Radiation Therapy Center at Augusta  
Medical College of Georgia  
Bldg HK  
Augusta, GA 30912-3965  
706 721-2971

*Total Positions:* 4  
**Program ID:** 430-12-21-025

**Illinois****Chicago****McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Evanston Hospital  
Northwestern Memorial Hospital

*Program Director:*  
Maryanne H Marymont, MD  
Dept of Radiation Oncology  
Rm #44 Wesley Pavilion  
250 E Superior St  
Chicago, IL 60611  
312 908-2520

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 430-16-21-027

**Rush-Presbyterian-St Luke's Medical Center Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*  
Diane C Recine, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Dept of Therapeutic Radiology  
Chicago, IL 60612  
312 942-5751

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 430-16-11-028

**University of Chicago/Michael Reese Program**

University of Chicago Hospitals  
Michael Reese Hospital and Medical Center

*Program Director:*  
Srinivasan Vijayakumar, MD  
University of Chicago Dept of Radiation Oncology  
5841 S Maryland MC0085  
Chicago, IL 60637-1470  
312 702-6819

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 430-16-11-116

**Maywood****Loyola University Program\***

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*  
Anne R McCall, MD  
Loyola Hines Radiotherapy Dept 114-B  
Bldg 1 F321  
PO Box 5000  
Hines, IL 60141  
708 216-2641

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 430-16-22-031

\* Updated information not provided.

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L. Roudebush Veterans Affairs Medical Center  
William N. Wishard Memorial Hospital

*Program Director:*

Marcus E. Randall, MD  
Indiana University Medical Center  
535 Barnhill Dr Rt 053  
Indianapolis, IN 46202-5289  
317 274-1315

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 430-17-11-032

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

David H. Hussey, MD  
University of Iowa Hospitals and Clinics  
Dept of Radiology  
Div of Radiation Oncology  
Iowa City, IA 52242-1009  
319 356-2699

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 430-18-11-033

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Leela Krishnan, MD  
University of Kansas Med Ctr Dept of Radiation Oncology  
3901 Rainbow Blvd  
Kansas City, KS 66160-7321  
913 588-3610

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 430-19-21-034

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B. Chandler Medical Center

*Program Director:*

Mohammed Mohiuddin, MD  
University of Kentucky  
Dept of Radiation Medicine  
800 Rose St  
Lexington, KY 40536-0084  
606 323-6489

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 430-20-11-035

## Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
University of Louisville Hospital

*Program Director:*

Kristie J. Paris, MD  
University of Louisville Brown Cancer Center  
529 S Jackson St  
Louisville, KY 40202  
502 852-7171

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 430-20-11-036

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Moody DeWitt Wharam Jr, MD  
Johns Hopkins Hospital  
600 N Wolfe St  
Baltimore, MD 21287-8922  
410 955-7312

*Length:* 3 Year(s) *Total Positions:* 9

*Program ID:* 430-23-11-039

#### University of Maryland Program\*

University of Maryland Medical System

*Program Director:*

Robert G. Slawson, MD  
University of Maryland Medical System  
Dept of Radiation Oncology  
22 S Greene St  
Baltimore, MD 21201  
410 328-2315

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 430-23-21-040

### Bethesda

#### Uniformed Services University of the Health Sciences Program\*

National Cancer Institute  
National Naval Medical Center (Bethesda)  
Walter Reed Army Medical Center

*Program Director:*

Paul Okunieff, MD  
National Cancer Institute  
9000 Rockville Pike  
Bldg 10 B3B69  
Bethesda, MD 20892  
301 496-5457

*Length:* 3 Year(s) *Total Positions:* 12 (GYI: 0)

*Program ID:* 430-23-21-113

## Massachusetts

### Boston

#### Joint Center for Radiation Therapy Program

New England Deaconess Hospital  
Beth Israel Hospital  
Brigham and Women's Hospital  
Children's Hospital  
Dana-Farber Cancer Institute  
Joint Center for Radiation Therapy

*Program Director:*

Jay R. Harris, MD  
Joint Center for Radiation Therapy  
50 Binney St  
Boston, MA 02115  
617 432-1889

*Length:* 3 Year(s) *Total Positions:* 12

*Program ID:* 430-24-21-042

#### Massachusetts General Hospital Program\*

Massachusetts General Hospital

*Program Director:*

John E. Munzenrider, MD  
Massachusetts General Hospital  
Fruit St Cox 34-1  
Boston, MA 02114  
617 726-8153

*Length:* 3 Year(s) *Total Positions:* 2

*Program ID:* 430-24-31-043

#### Tufts University Program

New England Medical Center Hospitals  
Veterans Affairs Medical Center (Boston)

*Program Director:*

Hywel Madoc-Jones, MD PhD  
New England Medical Center  
750 Washington St  
Boston, MA 02111  
617 956-6161

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 430-24-21-044

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Providence Hospital

*Program Director:*

Howard M. Sandler, MD  
Univ of Michigan Medical School Dept of Radiation  
Oncology  
UH B2C490 Box 0010  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0010  
313 936-9338

*Length:* 3 Year(s) *Total Positions:* 12

*Program ID:* 430-25-11-045

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Munther I. Ajlouni, MD  
Henry Ford Hospital  
2700 W Grand Blvd  
Detroit, MI 48202  
313 876-1026

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 430-25-12-046

\* Updated information not provided.

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Grace Hospital  
Harper Hospital

*Program Director:*  
Amr Aref, MD

Wayne State University  
Dept of Radiation Oncology  
4201 St Antoine  
Detroit, MI 48201  
313 745-1985

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-25-21-048

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital  
William Beaumont Hospital-Troy

*Program Director:*  
Alvaro Martinez, MD

William Beaumont Hospital Dept of Radiation Oncology  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-1219

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 430-25-12-049

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Kathryn E Dusenbery, MD  
University of Minnesota Hospital UMHC 494  
Dept of Radiation Oncology  
Harvard St at E River Rd  
Minneapolis, MN 55455  
612 626-6700

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID:** 430-26-21-050

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)

*Program Director:*

James A Martenson Jr, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-4561

*Length:* 3 Year(s) *Total Positions:* 11  
**Program ID:** 430-26-21-051

**Missouri****St Louis****Washington University Program**

Barnes Hospital  
Jewish Hospital of St Louis  
Mallinckrodt Institute of Radiology  
St Louis Children's Hospital

*Program Director:*  
Carlos A Perez, MD

Radiation Oncology Center  
Washington Univ/Barnes Hospital  
4939 Children's Pl Ste 5500  
St Louis, MO 63110  
314 362-8503

*Length:* 3 Year(s) *Total Positions:* 13  
**Program ID:** 430-28-11-054

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

*Program Director:*

Jeffrey S Wenger, DO  
Cooper Hospital/University Medical Center  
Dept of Radiation Oncology  
One Cooper Plaza  
Camden, NJ 08103-1489  
609 342-2300

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 430-33-21-114

**Livingston****St Barnabas Medical Center Program**

St Barnabas Medical Center

*Program Director:*

Louis J Sanfilippo, MD  
Saint Barnabas Medical Center  
94 Old Short Hills Rd  
Livingston, NJ 07039  
201 533-5637

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 430-33-31-057

**New York****Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

Jonathan J Beitler, MD MBA  
Montefiore Medical Center  
Dept of Radiation Oncology  
111 E 210th St  
Bronx, NY 10467-2490  
718 920-4942

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 430-35-21-061

**Brooklyn****New York Methodist Hospital Program\***

New York Methodist Hospital  
Lutheran Medical Center

*Program Director:*

Sameer Rafla, MD PhD  
Methodist Hosp Dept of Radiation Oncology  
506 Sixth St  
PO Box 159-008  
Brooklyn, NY 11215-9008  
718 780-3677

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID:** 430-35-22-064

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Long Island College Hospital  
University Hospital-SUNY Health Science Center at Brooklyn

*Program Director:*

Marvin Rotman, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave  
Brooklyn, NY 11203-2098  
718 270-2181

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID:** 430-35-21-070

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Roswell Park Cancer Institute  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Kyu H Shin, MD  
Dept of Radiation Oncology  
Roswell Park Cancer Institute  
Elm & Carlton Sts  
Buffalo, NY 14263  
716 845-8576

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 430-35-21-122

**New York****Albert Einstein College of Medicine at Beth Israel Medical Center Program\***

Beth Israel Medical Center

*Program Director:*

Manjeet Chadha, MD  
Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003  
212 420-2592

*Length:* 3 Year(s)  
**Program ID:** 430-35-11-062

**Memorial Sloan-Kettering Cancer Center Program\***

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Steven Leibel, MD  
Memorial Sloan-Kettering Cancer Center  
Dept of Radiation Oncology Box 22  
1275 York Ave  
New York, NY 10021  
212 639-6817

*Length:* 3 Year(s) *Total Positions:* 17  
**Program ID:** 430-35-21-063

\* Updated information not provided.

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Lynda R Mandell, MD PhD  
Mount Sinai Medical Center  
One Gustave L Levy Pl  
Box 1236  
New York, NY 10029-6574  
212 241-7503

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID: 430-35-21-119**

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*

Jay S Cooper, MD  
New York University Medical Center  
Div of Radiation Oncology  
566 First Ave  
New York, NY 10016  
212 263-5055

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID: 430-35-21-067**

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*

Mary Katherine Hayes, MD  
Dept of Radiation Oncology  
622 W 168th St  
New York, NY 10032-3784  
212 305-5042

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID: 430-35-11-068**

**Rochester**

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Philip Rubin, MD  
Louis S Constine, MD  
Strong Memorial Hospital Dept of Radiation Oncology  
601 Elmwood Ave Box 647  
Rochester, NY 14642-8647  
716 275-5575

*Length:* 3 Year(s) *Total Positions:* 8  
**Program ID: 430-35-11-071**

**Syracuse**

**SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse

*Program Director:*

Gerald A King, MD  
SUNY Health Science Center at Syracuse  
750 E Adams St  
Syracuse, NY 13210  
315 464-5276

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID: 430-35-11-072**

**Valhalla**

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Westchester County Medical Center

*Program Director:*

Basil S Hilaris, MD  
New York Medical College  
Dept of Radiation Medicine  
Valhalla, NY 10595  
914 285-8560

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID: 430-35-21-117**

**North Carolina**

**Chapel Hill**

**University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Mahesh A Varia, MD  
University of North Carolina Hospitals  
Dept of Radiation Oncology CB#7512  
Univ of North Carolina Hospital  
Chapel Hill, NC 27514  
919 966-7700

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID: 430-36-11-073**

**Durham**

**Duke University Program**

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Edward C Halperin, MD  
Duke University Medical Center Dept Radiation Oncology  
Box 3085  
Durham, NC 27710  
919 660-2110

*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID: 430-36-21-074**

**Winston-Salem**

**Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*

Carolyn Ferree, MD  
Dept of Radiation Oncology  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157  
910 716-4647

*Length:* 3 Year(s)  
**Program ID: 430-36-11-075**

**Ohio**

**Cincinnati**

**University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Kevin P Redmond, MD  
University of Cincinnati Medical Center  
Radiation Oncology ML 0757  
234 Goodman St  
Cincinnati, OH 45267-0757  
513 558-9089

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID: 430-38-21-076**

**Cleveland**

**Case Western Reserve University Program**

University Hospitals of Cleveland

*Program Director:*

Louis J Novak, MD  
University Hospital of Cleveland  
11100 Euclid Ave  
Cleveland, OH 44106-5000  
216 844-3103

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID: 430-38-11-077**

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*

Anuradha Koka, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave TT32  
Dept of Radiation Oncology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID: 430-38-12-078**

**Columbus**

**Ohio State University Program**

Ohio State University Medical Center

*Program Director:*

Reinhard Gahbauer, MD  
Arthur G James Cancer Hospital & Research Institute  
Ohio State University  
300 W Tenth Ave  
Columbus, OH 43210  
614 293-8415

*Length:* 3 Year(s) *Total Positions:* 5  
**Program ID: 430-38-11-079**

**Oklahoma**

**Oklahoma City**

**University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City

University Hospital and Clinics

*Program Director:*

William J Graham, MD  
University of Oklahoma Health Sciences Center  
800 NE 13th PO Box 26901  
Oklahoma City, OK 73190  
405 271-5641

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID: 430-39-21-080**

\* Updated information not provided.

**Oregon****Portland****Oregon Health Sciences University Program\***

Oregon Health Sciences University Hospital

*Program Director:*

Kenneth R Stevens Jr, MD  
Oregon Health Sciences University  
Dept of Radiation Oncology L337  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 279-8758

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 430-40-21-081

**Pennsylvania****Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center

*Program Director:*

Sucha O Asbell, MD  
Patrick R Thomas, MD  
Albert Einstein Medical Center  
Dept of Radiation Oncology  
5501 Old York Rd  
Philadelphia, PA 19141  
215 456-6280

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 430-41-12-082

**Fox Chase Cancer Center Program**

Fox Chase Cancer Center

*Program Director:*

Lawrence R Coia, MD  
Fox Chase Cancer Center  
Dept of Radiation Oncology  
7701 Burholme Ave  
Philadelphia, PA 19111  
215 728-3002

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-41-21-123

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*

Bizhan Micaily, MD  
Hahnemann University Hospital  
Dept of Radiation Oncology  
Broad & Vine Sts MS 200  
Philadelphia, PA 19102-1192  
215 762-4981

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-41-11-084

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Walter Curran, MD  
Thomas Jefferson University Hospital  
Dept of Radiation Oncology  
11th & Sansom Sts  
Philadelphia, PA 19107  
215 955-5936

*Length:* 3 Year(s) *Total Positions:* 9  
**Program ID:** 430-41-11-086

**University of Pennsylvania Program**Hospital of the University of Pennsylvania  
Veterans Affairs Medical Center (Philadelphia)*Program Director:*

Joel W Goldwein, MD  
Hospital of the University of Pennsylvania  
3400 Spruce St 2 Donner  
Philadelphia, PA 19104  
215 662-7147

*Length:* 3 Year(s) *Total Positions:* 15  
**Program ID:** 430-41-21-087

**Pittsburgh****Allegheny General Hospital/Medical College of Pennsylvania Program**

Allegheny General Hospital

*Program Director:*

Shalom Kalnicki, MD  
Div of Radiation Oncology  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-3400

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 430-41-21-088

**Allegheny General Hospital/Medical College of Pennsylvania Program\***

Allegheny General Hospital

*Program Director:*

Shalom Kalnicki, MD  
Radiation Oncology Dept  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-3400

*Length:* 3 Year(s)  
**Program ID:** 430-41-31-127

**Puerto Rico****San Juan****University of Puerto Rico Program**University of Puerto Rico School of Medicine  
University Hospital*Program Director:*

Jose Santana, MD  
Radiation Oncology Div Puerto Rico Center  
UPR Medical Science Campus  
PO 5067  
San Juan, PR 00936  
809 765-4935

*Length:* 3 Year(s)  
**Program ID:** 430-42-11-091

**South Carolina****Charleston****Medical University of South Carolina Program\***Medical University of South Carolina College of Medicine  
MUSC Medical Center*Program Director:*

Joseph M Jenrette III, MD  
Medical University of South Carolina  
Dept of Radiation Oncology  
171 Ashley Ave  
Charleston, SC 29425-0721  
803 792-3271

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 430-45-21-092

**Texas****Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

James A Belli, MD  
Dept of Radiation Therapy  
University of Texas Medical Branch  
Rt F-56  
Galveston, TX 77555-0656  
409 772-3960

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-48-11-097

**Houston****Baylor College of Medicine Program**Baylor College of Medicine  
Harris County Hospital District-Ben Taub General  
HospitalMethodist Hospital  
Veterans Affairs Medical Center (Houston)*Program Director:*

Shiao Y Woo, MD  
Baylor College of Medicine  
One Baylor Plaza 165B  
Texas Medical Center  
Houston, TX 77030-3498  
713 790-2091

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-48-21-098

**University of Texas M D Anderson Cancer Center Program**

University of Texas M D Anderson Cancer Center

*Program Director:*

Patricia J Eifel, MD  
Univ of Texas M D Anderson Cancer Center  
1515 Holcombe Blvd  
Box 97  
Houston, TX 77030  
713 792-3400

*Length:* 3 Year(s) *Total Positions:* 18  
**Program ID:** 430-48-22-099

**San Antonio****University of Texas Health Science Center at San Antonio Program**University of Texas Medical School at San Antonio  
University Hospital-South Texas Medical Center*Program Director:*

Terence S Herman, MD  
University of Texas Health Science Center  
Radiation/Oncology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7800  
210 616-5648

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 430-48-21-100

\* Updated information not provided.



## Utah

### Salt Lake City

#### LDS Hospital Program\*

LDS Hospital

*Program Director:*

A Jennifer Fischbach, MD  
LDS Hosp Radiation Ctr  
Eighth Ave & C St  
Salt Lake City, UT 84143  
801 321-1146

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 430-49-31-101

#### University of Utah Program

University of Utah Medical Center

*Program Director:*

Lynn M Smith, MD  
University of Utah Medical Center  
Div of Radiation Oncology  
50 Medical Dr  
Salt Lake City, UT 84132  
801 581-8793

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 430-49-12-102

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

William C Constable, MD  
Dept of Radiation Oncology Box 383  
University of Virginia  
Charlottesville, VA 22908  
804 924-9412

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 430-51-11-104

### Norfolk

#### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine

Maryview Hospital  
Sentara Norfolk General Hospital  
Virginia Beach General Hospital

*Program Director:*

Anas M El-Mahdi, MD ScD  
Elizabeth M Higgins, MD  
Sentara Regional Hospital  
600 Gresham Dr  
Norfolk, VA 23507-1999  
804 668-3483

*Length:* 3 Year(s) *Total Positions:* 5

*Program ID:* 430-51-11-105

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Brian D Kavanagh, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980058  
Richmond, VA 23298-0058  
804 828-7232

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 430-51-11-106

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center

*Program Director:*

Keith J Stelzer, MD PhD  
University of Washington Dept of Rad Oncology RC-08  
1959 NE Pacific St  
Seattle, WA 98195  
206 548-4115

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 430-54-21-107

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

*Program Director:*

Minesh P Mehta, MD  
University of Wisconsin Hospital and Clinics Human  
Oncology  
600 Highland Ave K4/B100  
Madison, WI 53792-8310  
608 263-8500

*Length:* 3 Year(s) *Total Positions:* 8

*Program ID:* 430-56-21-108

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
John L Doyne Hospital

*Program Director:*

Colleen A Lawton, MD  
Medical College of Wisconsin  
Dept of Radiation Oncology  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 257-5726

*Length:* 3 Year(s) *Total Positions:* 10

*Program ID:* 430-56-21-109

## Radiology-Diagnostic

## Alabama

### Birmingham

#### Birmingham Baptist Medical Centers Program

Birmingham Baptist Medical Centers Inc.  
Birmingham Baptist Medical Center-Montclair  
Birmingham Baptist Medical Center-Princeton

*Program Director:*

Emmett O'Neal Templeton Jr, MD  
Baptist Medical Center-Montclair  
Dept of Radiology  
800 Montclair Rd  
Birmingham, AL 35213

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

*Program ID:* 420-01-21-006

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Robert E Koehler, MD  
University of Alabama Hospital  
Dept of Radiology  
619 S 19th St  
Birmingham, AL 35233-6830  
205 934-3240

*Length:* 4 Year(s) *Total Positions:* 33 (GYI: 6)

*Subspecialties:* PDR,RNR,VIR

*Program ID:* 420-01-11-007

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Richard L Wesenberg, MD  
University of Alabama Medical Center  
2451 Fillingim St  
Mobile, AL 36617  
205 471-7874

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 0)

*Program ID:* 420-01-11-008

## Arizona

### Phoenix

#### St Joseph's Hospital and Medical Center Program

St Joseph's Hospital and Medical Center

*Program Director:*

David J Gulliver, MD  
350 W Thomas Rd  
PO Box 2071  
Phoenix, AZ 85001-2071  
602 406-6994

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

*Subspecialties:* RNR

*Program ID:* 420-03-12-010

\* Updated information not provided.

**Tucson****University of Arizona Program**

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*  
K Rebecca Hunt, MD  
University of Arizona College of Medicine  
Dept of Radiology  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7368

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Subspecialties:* NR,RNR  
**Program ID:** 420-03-21-011

**Arkansas****Little Rock****University of Arkansas for Medical Sciences Program**

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*  
Sally Klein, MD  
Univ of Arkansas for Med Sci  
Dept of Radiology  
4301 W Markham Slot 556  
Little Rock, AR 72205  
501 320-4866

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 6)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-04-21-012

**California****Fresno****University of California (San Francisco)/Fresno Program**

UCSF-Fresno Medical Education Program  
Valley Medical Center of Fresno  
Veterans Affairs Medical Center (Fresno)

*Program Director:*  
William J Vlymen, MD PhD  
Veterans Affairs Medical Center  
2615 E Clinton Ave  
Fresno, CA 93703  
209 228-5317

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 420-05-21-219

**Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*  
Douglas C Smith, MD  
Loma Linda University Medical Center Radiology  
11234 Anderson St  
2605 Schuman Pavilion  
Loma Linda, CA 92354  
909 824-4370

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 0)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-05-21-015

**Los Angeles****Cedars-Sinai Medical Center Program**

Cedars-Sinai Medical Center

*Program Director:*  
Mitchell S Komaiko, MD  
Cedars-Sinai Medical Center  
Box 48760  
Dept of Radiology/Rm 5416  
Los Angeles, CA 90048-0750  
310 855-3616

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 420-05-21-018

**Charles R Drew University Program**

Charles R Drew University of Medicine and Science  
LAC-King/Drew Medical Center

*Program Director:*  
Theodore Q Miller, MD  
Martin Luther King Jr/Drew Medical Center  
Dept of Radiology  
12021 S Wilmington Ave  
Los Angeles, CA 90059  
310 668-4701

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 0)  
**Program ID:** 420-05-12-022

**UCLA Medical Center Program**

UCLA School of Medicine  
LAC-Olive View Medical Center  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*  
Richard H Gold, MD  
UCLA Hosp & Clinics  
Ctr for the Hlth Sci  
Dept of Radiological Science  
Los Angeles, CA 90024-1721  
310 825-7532

*Length:* 4 Year(s) *Total Positions:* 71 (GYI: 0)  
*Subspecialties:* PDR,RNR  
**Program ID:** 420-05-11-023

**University of Southern California Program**

Los Angeles County-USC Medical Center

*Program Director:*  
Deborah M Forrester, MD  
Los Angeles County-USC Medical Center  
1200 N State St  
Box 481 Rm 3550  
Los Angeles, CA 90033  
213 226-7242

*Length:* 4 Year(s) *Total Positions:* 43 (GYI: 0)  
*Subspecialties:* RNR,VIR  
**Program ID:** 420-05-11-021

**Orange****University of California (Irvine) Program**

University of California (Irvine) Medical Center  
Long Beach Memorial Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*  
Linda R Casey, MD  
Univ of California (Irvine) Med Ctr  
Dept of Radiological Science  
101 City Dr/Rt 140  
Orange, CA 92668  
714 456-6579

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 0)  
**Program ID:** 420-05-21-014

**Pasadena****Southern California Kaiser Permanente Medical Care (Los Angeles) Program**

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*  
Richard Kalinowski, MD  
Kaiser Fdn Hosp  
Diagnostic Radiology  
1505 N Edgemont Basement  
Los Angeles, CA 90027-5299  
213 667-5374

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)  
**Program ID:** 420-05-12-020

**Sacramento****University of California (Davis) Program**

University of California (Davis) Medical Center

*Program Director:*  
John P McGahan, MD  
Univ of California (Davis) Medical Center  
Dept of Radiology  
2516 Stockton Blvd Ticon II  
Sacramento, CA 95817  
916 734-5195

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 0)  
**Program ID:** 420-05-11-013

**San Diego****University of California (San Diego) Program**

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*  
Giovanna Casola, MD  
UCSD Med Ctr  
200 W Arbor Dr  
San Diego, CA 92103-8756  
619 543-3534

*Length:* 4 Year(s) *Total Positions:* 27 (GYI: 0)  
*Subspecialties:* RNR  
**Program ID:** 420-05-21-027

**US Navy Coordinated Program-Naval Medical Center (San Diego) Program**

Naval Medical Center (San Diego)

*Program Director:*  
Edgar T Jones, MD  
Naval Medical Center  
Dept of Radiology  
Bob Wilson Dr  
San Diego, CA 92134-5000  
619 532-3670

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 0)  
**Program ID:** 420-05-21-914

**San Francisco****University of California (San Francisco) Program**

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*  
Ruth B Goldstein, MD  
University of California San Francisco  
505 Parnassus Ave Ste M-391  
San Francisco, CA 94143-0628  
415 476-9205

*Length:* 4 Year(s) *Total Positions:* 42 (GYI: 0)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-05-21-031

\* Updated information not provided.

**San Jose**

**Santa Clara Valley Medical Center Program**

Santa Clara Valley Medical Center  
*Program Director:*  
 Andrew H Koo, MD  
 Santa Clara Valley Medical Center  
 751 S Bascom Ave  
 San Jose, CA 95128  
 408 885-6370  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 0)  
**Program ID:** 420-05-31-032

**Santa Barbara**

**Santa Barbara Cottage Hospital Program**

Santa Barbara Cottage Hospital  
*Program Director:*  
 Arthur A Lee, MD  
 Santa Barbara Cottage Hospital  
 Dept of Radiology  
 PO Box 689  
 Santa Barbara, CA 93102  
 805 569-7279  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 420-05-22-033

**Stanford**

**Stanford University Program\***

Stanford University Hospital  
 Veterans Affairs Medical Center (Palo Alto)  
*Program Director:*  
 Barton Lane, MD  
 Stanford University Medical Center  
 Dept of Diagnostic Radiology  
 Room H-1307  
 Stanford, CA 94305-5105  
 415 723-5407  
*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 0)  
*Subspecialties:* PDR,RNR  
**Program ID:** 420-05-21-034

**Torrance**

**Los Angeles County-Harbor-UCLA Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center  
*Program Director:*  
 Ralph S Lachman, MD  
 Los Angeles County-Harbor-UCLA Medical Center  
 1000 W Carson St Box 27  
 PO Box 2910  
 Torrance, CA 90509-2910  
 310 222-2847  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 0)  
*Subspecialties:* RNR  
**Program ID:** 420-05-11-035

**Travis AFB**

**David Grant USAF Medical Center Program**

David Grant Medical Center  
*Program Director:*  
 Frederic A Conte, MD  
 60th Medical Group  
 Dept of Radiology (SGHR)  
 101 Bodin Circle  
 Travis AFB, CA 94535-1800  
 707 423-7182  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 0)  
**Program ID:** 420-05-21-001

**Colorado**

**Aurora**

**US Army Coordinated Program-Fitzsimons Army Medical Center Program**

Fitzsimons Army Medical Center  
*Program Director:*  
 Col Frank L Quattromani, MD  
 Dept of Radiology  
 Fitzsimons Army Medical Center  
 Aurora, CO 80045-5001  
 303 361-8219  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 420-07-12-913

**Denver**

**Presbyterian-St Luke's Medical Center Program**

Presbyterian-St Luke's Medical Center  
*Program Director:*  
 Lawrence L Emmons, MD  
 Presbyterian-St Luke's Medical Center  
 Dept of Radiology  
 1719 E 19th Ave  
 Denver, CO 80218  
 303 839-6520  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 420-07-22-036

**University of Colorado Program\***

University of Colorado Health Sciences Center  
 Denver Health and Hospitals  
 Veterans Affairs Medical Center (Denver)  
*Program Director:*  
 Ronald Townsend, MD  
 Univ of Colorado Health Science Center  
 4200 E Ninth Ave (A030)  
 Denver, CO 80262-0030  
 303 270-5605  
*Length:* 4 Year(s) *Total Positions:* 35 (GYI: 0)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-07-21-038

**Connecticut**

**Bridgeport**

**Bridgeport Hospital Program**

Bridgeport Hospital  
*Program Director:*  
 Octavio G Choy, MD  
 Bridgeport Hospital  
 267 Grant St  
 Bridgeport, CT 06610-2870  
 203 384-3834  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)  
**Program ID:** 420-08-12-039

**St Vincent's Medical Center Program**

St Vincent's Medical Center  
*Program Director:*  
 Robert D Russo, MD  
 St Vincent's Medical Center  
 Medical Serv  
 2800 Main St  
 Bridgeport, CT 06606  
 203 576-5062  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)  
**Program ID:** 420-08-11-040

**Farmington**

**University of Connecticut Program**

University of Connecticut School of Medicine  
 St Francis Hospital and Medical Center  
 Univ of Connecticut Health Center/John Dempsey Hospital  
*Program Director:*  
 E Marvin Henken, MD  
 University of Connecticut Health Center  
 Dept of Radiology  
 Farmington, CT 06030-2905  
 203 679-2660  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 420-08-21-225

**Hartford**

**Hartford Hospital Program**

Hartford Hospital  
*Program Director:*  
 Fred M Ziter Jr, MD  
 Hartford Hospital  
 80 Seymour St  
 PO Box 5037  
 Hartford, CT 06102-5037  
 203 545-2870  
*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)  
**Program ID:** 420-08-22-041

**New Haven**

**Hospital of St Raphael Program**

Hospital of St Raphael  
*Program Director:*  
 Lee H Greenwood, MD  
 Hospital of St Raphael  
 Dept of Diagnostic Radiology  
 1450 Chapel St  
 New Haven, CT 06511  
 203 789-3118  
*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)  
**Program ID:** 420-08-22-042

**Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
 Veterans Affairs Medical Center (West Haven)  
*Program Director:*  
 Coralie Shaw, MD  
 Yale Univ School of Medicine  
 Dept of Diagnostic Radiology  
 PO Box 208042  
 New Haven, CT 06520-8042  
 203 786-4746  
*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 0)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-08-21-043

**Norwalk**

**Norwalk Hospital Program**

Norwalk Hospital  
*Program Director:*  
 Edward B Strauss, MD  
 Dept of Radiology  
 Norwalk Hospital  
 Maple St  
 Norwalk, CT 06856  
 203 852-2715  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 420-08-21-216

\* Updated information not provided.

**Delaware****Wilmington****The Medical Center of Delaware Program**

The Medical Center of Delaware

*Program Director:*

Randall W Ryan, MD

The Medical Center of Delaware  
Christiana Hospital Radiology  
PO Box 6001

Newark, DE 19718  
302 733-1805

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)  
*Program ID:* 420-09-11-044

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
George Washington University Hospital

*Program Director:*

Barry M Potter, MD

George Washington University Hospital  
901 23rd St NW  
Washington, DC 20037  
202 894-8384

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Subspecialties:* PDR,RNR,VIR  
*Program ID:* 420-10-21-046

**Georgetown University Program**

Georgetown University Hospital

*Program Director:*

Rebecca A Zuurbier, MD

Georgetown University Medical Center  
Dept of Radiology  
3800 Reservoir Rd  
Washington, DC 20007-2197  
202 784-3314

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Subspecialties:* RNR  
*Program ID:* 420-10-11-045

**Howard University Program**

Howard University Hospital

*Program Director:*

James S Teal, MD

Howard University Hospital  
Dept of Radiology  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1571

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 420-10-11-047

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

Michael P Brazaitis, MD

Chief Dept of Radiology  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-2931

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Program ID:* 420-10-21-003

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Edward V Staab, MD

University of Florida  
Dept of Radiology  
PO Box 100374

Gainesville, FL 32610-0374  
904 395-0291

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 6)  
*Subspecialties:* NM,NR,PDR,RNR,VIR  
*Program ID:* 420-11-21-048

**Jacksonville****University of Florida Health Science Center/ Jacksonville Program**

University Medical Center (UFHSC/J)

*Program Director:*

Frederick S Vines, MD

Dept of Radiology UFHSC/J  
University Medical Center  
655 W Eighth St  
Jacksonville, FL 32209  
904 549-4224

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)  
*Subspecialties:* RNR  
*Program ID:* 420-11-21-223

**Miami****University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Ronald C Joseph, MD

Jackson Memorial Hospital  
Dept of Radiology  
1611 NW 12th Ave WW 279  
Miami, FL 33136  
305 585-6894

*Length:* 4 Year(s) *Total Positions:* 44 (GYI: 10)  
*Subspecialties:* PDR,RNR,VIR  
*Program ID:* 420-11-21-049

**Miami Beach****Mount Sinai Medical Center of Greater Miami Program**

Mount Sinai Medical Center of Greater Miami

*Program Director:*

Manuel Viamonte Jr, MD

Mount Sinai Medical Center of Greater Miami  
Dept of Radiology  
4300 Alton Rd  
Miami Beach, FL 33140  
305 674-2680

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)  
*Program ID:* 420-11-21-050

**Tampa****University of South Florida Program**

University of South Florida College of Medicine  
H Lee Moffitt Cancer Center  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Martin L Silbiger, MD

University of South Florida College of Medicine  
Dept of Radiology  
12901 Bruce B Downs Blvd Box 17  
Tampa, FL 33612-4799  
813 974-2538

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 8)  
*Subspecialties:* RNR  
*Program ID:* 420-11-21-051

**Georgia****Atlanta****Emory University Program**

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital

*Program Director:*

Bruce R Baumgartner, MD

Emory University Hospital  
Dept of Radiology  
1364 Clifton Rd NE  
Atlanta, GA 30322-2000  
404 727-4686

*Length:* 4 Year(s) *Total Positions:* 46 (GYI: 9)  
*Subspecialties:* NR,PDR,RNR,VIR  
*Program ID:* 420-12-21-052

**Augusta****Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Edward M Burton, MD

Medical College of Georgia  
Dept of Radiology BAN-153  
1120 15th St  
Augusta, GA 30912-3900  
706 721-3214

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 3)  
*Subspecialties:* RNR  
*Program ID:* 420-12-21-053

**Savannah****Memorial Medical Center Program**

Memorial Medical Center

*Program Director:*

Terry Reynolds, MD

Memorial Medical Center Inc  
PO Box 23089  
Savannah, GA 31403-3089  
912 350-7394

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 420-12-12-054

\* Updated information not provided.

## Hawaii

### Tripler AMC

#### US Army Coordinated Program-Tripler Army Medical Center Program

Tripler Army Medical Center

*Program Director:*

Mark F Hansen, MD  
James A Breitwieser, MD  
Tripler Army Medical Center  
Dept of Radiology  
HSHK-DR

Honolulu, HI 96859-5000  
808 433-6393

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 7)

*Program ID:* 420-14-21-933

## Illinois

### Chicago

#### Cook County Hospital Program

Cook County Hospital

*Program Director:*

Bradley G Langer, MD  
Cook County Hospital  
Dept of Radiology  
1835 W Harrison St  
Chicago, IL 60612-9985  
312 633-5319

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 6)

*Program ID:* 420-16-21-055

#### Illinois Masonic Medical Center Program

Illinois Masonic Medical Center

*Program Director:*

Robert P Cavallino, MD  
Dept of Radiology  
Illinois Masonic Medical Center  
836 Wellington Ave  
Chicago, IL 60657-5193  
312 296-7820

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 420-16-21-217

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Steven W Fitzgerald, MD  
Lee Sider, MD  
Northwestern University Medical School  
Dept of Radiology  
710 N Fairbanks Ct  
Chicago, IL 60611  
312 908-6059

*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 0)

*Subspecialties:* PDR,RNR,VIR

*Program ID:* 420-16-21-059

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Claire Smith, MD  
Rush-Presbyterian-St Luke's Medical Center  
Diagnostic Radiology Dept  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-5781

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 0)

*Subspecialties:* NR,RNR,VIR

*Program ID:* 420-16-11-060

### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Tamar Ben-Ami, MD  
University of Chicago Medical Center  
5841 S Maryland Ave MC2026  
Chicago, IL 60637-1470  
312 702-6219

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 6)

*Subspecialties:* RNR

*Program ID:* 420-16-11-061

### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Andrew C Wilbur, MD  
University of Illinois Hospital  
1740 W Taylor  
Ste 2483 MC 931  
Chicago, IL 60612-7233  
312 996-0234

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Program ID:* 420-16-21-062

### University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program

University of Illinois College of Medicine at Chicago  
Mercy Hospital and Medical Center  
Michael Reese Hospital and Medical Center

*Program Director:*

N L Brown, MD  
Michael Reese Hospital & Medical Center  
Diagnostic Radiology Dept  
2929 S Ellis Ave  
Chicago, IL 60616  
312 791-4567

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)

*Subspecialties:* RNR

*Program ID:* 420-16-12-057

### Evanston

#### St Francis Hospital of Evanston Program\*

St Francis Hospital of Evanston

*Program Director:*

Daniel J Murphy, MD  
St Francis Hospital of Evanston  
Dept of Radiology  
355 Ridge Ave  
Evanston, IL 60202  
708 492-6100

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 420-16-12-063

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago

*Program Director:*

Michael E Flisak, MD  
Foster G McGaw Hospital-Loyola University of Chicago  
Dept of Radiology  
2160 S First Ave  
Maywood, IL 60153  
708 216-1084

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 2)

*Subspecialties:* RNR

*Program ID:* 420-16-11-064

## Peoria

### University of Illinois College of Medicine at Peoria Program

University of Illinois College of Medicine at Peoria  
St Francis Medical Center

*Program Director:*

Terry M Brady, MD  
Saint Francis Medical Center  
Radiology Residency  
530 NE Glen Oak Ave  
Peoria, IL 61637  
309 655-7768

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

*Program ID:* 420-16-21-243

## Springfield

### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

P F Mahon, MD  
St John's Hospital Dept of Radiology  
800 E Carpenter St  
Springfield, IL 62769  
217 785-2434

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)

*Program ID:* 420-16-21-065

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Valerie P Jackson, MD  
Indiana University Hospital Rm 0276  
550 N University Blvd  
Indianapolis, IN 46202-5253  
317 274-4853

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 10)

*Subspecialties:* PDR,RNR,VIR

*Program ID:* 420-17-21-066

#### Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Gonzalo T Chua, MD  
Methodist Hospital of Indiana  
I-65 at 21st St PO Box 1367  
Indianapolis, IN 46206-1367  
317 929-8250

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 5)

*Subspecialties:* VIR

*Program ID:* 420-17-12-067

\* Updated information not provided.

**Iowa****Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*  
Brad H Thompson, MD  
University of Iowa Hospital & Clinic  
Dept of Radiology  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-3396

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 7)  
*Subspecialties:* NR, PDR, RNR  
**Program ID:** 420-18-21-068

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*  
Louis H Wetzel, MD  
University of Kansas Medical Center  
Dept of Diagnostic Radiology  
3901 Rainbow  
Kansas City, KS 66160-7234  
913 588-6805

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 420-19-11-069

**Wichita****University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
Wesley Medical Center

*Program Director:*  
Charles W McGuire, MD  
University of Kansas School of Medicine (Wichita)  
Wesley Medical Center  
550 N Hillside  
Wichita, KS 67214-4976  
316 688-2211

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 420-19-12-070

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center

*Program Director:*  
Andrew M Fried, MD  
University of Kentucky Medical Center  
Dept of Diagnostic Radiology  
800 Rose St HQ101  
Lexington, KY 40536-0084  
606 323-5070

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 420-20-21-071

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*  
Jannice O Aaron, MD  
University of Louisville  
School of Medicine  
Louisville, KY 40292-0001  
502 852-5875

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 0)  
**Program ID:** 420-20-21-230

**Louisiana****New Orleans****Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation

*Program Director:*  
Christopher R B Merritt, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-3495

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 5)  
**Program ID:** 420-21-12-074

**Louisiana State University Program**

Louisiana State University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans-LSU Division  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*  
John N Joslyn, MD  
Janis Gissel Letourneau, MD  
Louisiana State University Medical Center  
Dept of Radiology  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4968

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 0)  
**Program ID:** 420-21-21-234

**Tulane University Program**

Tulane University School of Medicine  
Tulane University Hospital and Clinics

*Program Director:*  
Marvin S Kogutt, MD  
Tulane University Medical School  
Dept of Radiology  
1430 Tulane Ave Box SL54  
New Orleans, LA 70112-2699  
504 587-7567

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 420-21-21-235

**Shreveport****Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

*Program Director:*  
Mardjohan Hardjasudarma, MD  
Louisiana State University Medical Center Hospital  
Med Educ Radiology  
PO Box 33032  
Shreveport, LA 71130-3932  
318 675-5054

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)  
**Program ID:** 420-21-11-075

**Maine****Portland****Maine Medical Center Program**

Maine Medical Center

*Program Director:*  
Anthony F Salvo, MD  
Maine Medical Center  
Dept of Diagnostic Radiology  
22 Bramhall St  
Portland, ME 04102  
207 871-4279

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)  
**Program ID:** 420-22-11-076

**Maryland****Baltimore****Johns Hopkins University Program**

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*  
Stanley S Siegelman, MD  
Johns Hopkins Hospital  
Dept of Radiology  
600 N Wolfe St  
Baltimore, MD 21287  
301 955-5525

*Length:* 4 Year(s) *Total Positions:* 35 (GYI: 8)  
*Subspecialties:* PDR, RNR, VIR

**Program ID:** 420-23-11-077

**University of Maryland Program**

University of Maryland Medical System

*Program Director:*  
Charles S Resnik, MD  
Univ of Maryland Medical System Dept of Diagnostic Rad  
22 S Greene St  
Baltimore, MD 21201-1595  
410 328-3477

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 6)  
*Subspecialties:* RNR, VIR  
**Program ID:** 420-23-11-079

**Bethesda****National Naval Medical Center (Bethesda) Program**

National Naval Medical Center (Bethesda)

*Program Director:*  
David P Lawrence, MD  
Dept of Radiology  
National Naval Medical Center  
8901 Wisconsin Ave  
Bethesda, MD 20889-5000  
301 295-5050

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 420-23-31-924

\* Updated information not provided.

## Massachusetts

### Boston

#### Beth Israel Hospital/Harvard Medical School Program

Beth Israel Hospital  
*Program Director:*  
 Ferris M Hall, MD  
 Beth Israel Hospital  
 Dept of Radiology  
 330 Brookline Ave  
 Boston, MA 02215-5491  
 617 735-3532

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Subspecialties:* VIR  
**Program ID:** 420-24-21-080

#### Boston University Program\*

Boston City Hospital  
 Boston University Medical Center-University Hospital

*Program Director:*  
 William R Cranley, MD  
 Boston City Hospital Dept of Radiology  
 818 Harrison Ave  
 Boston, MA 02118  
 617 534-5135

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Subspecialties:* VIR  
**Program ID:** 420-24-21-081

#### Brigham and Women's Hospital/Harvard Medical School Program

Brigham and Women's Hospital  
 Children's Hospital

*Program Director:*  
 Harry Z Mellins, MD  
 Faye C Laing, MD  
 Brigham and Women's Hospital  
 75 Francis St  
 Boston, MA 02115-6195  
 617 278-0702

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Subspecialties:* RNR, VIR  
**Program ID:** 420-24-21-085

#### Massachusetts General Hospital/Harvard Medical School Program

Massachusetts General Hospital

*Program Director:*  
 Jack Wittenberg, MD  
 Massachusetts General Hospital  
 Dept of Radiology  
 14 Fruit St  
 Boston, MA 02114  
 617 726-8380

*Length:* 4 Year(s) *Total Positions:* 38 (GYI: 9)  
*Subspecialties:* RNR  
**Program ID:** 420-24-31-083

#### New England Deaconess Hospital/Harvard Medical School Program

New England Deaconess Hospital

*Program Director:*  
 H Esterbrook Longmaid, MD  
 Deaconess Hospital  
 One Deaconess Rd  
 Boston, MA 02215-9985  
 617 632-8460

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
*Subspecialties:* NR, VIR  
**Program ID:** 420-24-21-084

#### Tufts University Program\*

New England Medical Center Hospitals  
 Veterans Affairs Medical Center (Boston)

*Program Director:*  
 Robert C Sarno, MD  
 New England Medical Center  
 Dept of Radiology  
 750 Washington St  
 Boston, MA 02111  
 617 956-5000

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 0)  
*Subspecialties:* RNR  
**Program ID:** 420-24-21-086

### Burlington

#### Lahey Clinic Program

Lahey Clinic  
*Program Director:*  
 Carl R Larsen, MD  
 Lahey Clinic Medical Center  
 41 Mall Rd  
 Burlington, MA 01805  
 617 273-8178

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Subspecialties:* RNR  
**Program ID:** 420-24-22-082

### Cambridge

#### Mount Auburn Hospital Program

Mount Auburn Hospital  
*Program Director:*  
 Michael J Shortsleeve, MD  
 Mount Auburn Hospital  
 Dept of Radiology  
 330 Mount Auburn St  
 Cambridge, MA 02138  
 617 499-5070

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 0)  
**Program ID:** 420-24-11-087

### Pittsfield

#### Berkshire Medical Center Program\*

Berkshire Medical Center  
*Program Director:*  
 David M Markowitz, MD  
 Dept of Diagnostic Radiology  
 Berkshire Medical Center  
 725 North St  
 Pittsfield, MA 01201  
 413 447-2442

*Length:* 4 Year(s)  
**Program ID:** 420-24-21-245

### Springfield

#### Baystate Medical Center Program

Baystate Medical Center  
*Program Director:*  
 Thomas H Parker, MD  
 Baystate Medical Center  
 Dept of Radiology  
 759 Chestnut St  
 Springfield, MA 01199  
 413 784-3333

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 0)  
**Program ID:** 420-24-12-088

### Worcester

#### St Vincent Hospital Program

St Vincent Hospital  
*Program Director:*  
 Murray L Janower, MD  
 St Vincent Hospital  
 25 Winthrop St  
 Worcester, MA 01604  
 508 798-6060

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID:** 420-24-12-089

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*  
 Cynthia B Umali-Torres, MD  
 Univ of Massachusetts Medical Center  
 55 Lake Ave N  
 Worcester, MA 01655  
 508 856-3252

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
*Subspecialties:* RNR, VIR  
**Program ID:** 420-24-21-090

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
 Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
 Richard H Cohan, MD  
 University of Michigan Hospitals  
 Dept of Radiology  
 1500 E Medical Center Dr  
 Ann Arbor, MI 48109-0030  
 313 936-4489

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 10)  
*Subspecialties:* PDR, RNR, VIR  
**Program ID:** 420-25-21-091

### Dearborn

#### Oakwood Hospital Program

Oakwood Hospital  
*Program Director:*  
 Sharon Helmer, MD  
 Oakwood Hospital  
 18101 Oakwood Blvd  
 PO Box 2500  
 Dearborn, MI 48123-2500  
 313 593-7302

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 5)  
**Program ID:** 420-25-12-092

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital  
*Program Director:*  
 Robert D Halpert, MD  
 Henry Ford Hospital  
 Dept of Radiology  
 2799 W Grand Blvd  
 Detroit, MI 48202  
 313 876-1384

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
*Subspecialties:* RNR  
**Program ID:** 420-25-11-093

\* Updated information not provided.

**Sinai Hospital Program**

Sinai Hospital  
 Program Director:  
 Russell N Nusynowitz, MD  
 Sinai Hospital  
 6767 W Outer Dr  
 Detroit, MI 48235  
 313 493-5925  
 Length: 4 Year(s) Total Positions: 12 (GYI: 3)  
 Program ID: 420-25-21-095

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
 Detroit Receiving Hospital and University Health Center  
 Grace Hospital  
 Harper Hospital  
 Program Director:  
 Lawrence P Davis, MD  
 Wayne State Univ Schl of Med Dept of Radiology  
 Detroit Receiving Hosp 3 L-8  
 4201 St Antoine  
 Detroit, MI 48201  
 313 745-3430  
 Length: 4 Year(s) Total Positions: 24 (GYI: 6)  
 Subspecialties: NR,PDR,RNR  
 Program ID: 420-25-21-096

**Flint**

**Michigan State University (Flint) Program**

Michigan State Univ College of Human Medicine-Flint Campus  
 Genesys Regional Medical Center-St Joseph Campus  
 Hurley Medical Center  
 McLaren Regional Medical Center  
 Program Director:  
 Alexander Gottschalk, MD  
 Michigan State Univ Coll of Human Med Flint Campus  
 One Hurley Plaza  
 Flint, MI 48503-5902  
 313 232-7000  
 Length: 4 Year(s) Total Positions: 12 (GYI: 3)  
 Program ID: 420-25-31-100

**Grand Rapids**

**Grand Rapids Area Medical Education Center/ Michigan State University Program**

Grand Rapids Area Medical Education Center  
 Blodgett Memorial Medical Center  
 Butterworth Hospital  
 Michigan State University College of Human Medicine  
 St Mary's Health Services  
 Program Director:  
 Alexander Gottschalk, MD  
 Grand Rapids Area Medical Education Center  
 240 Cherry St SE  
 Grand Rapids, MI 49503  
 616 732-6232  
 Length: 4 Year(s) Total Positions: 15 (GYI: 3)  
 Program ID: 420-25-21-099

**Pontiac**

**St Joseph Mercy Hospital Program**

St Joseph Mercy Community HealthCare System  
 Program Director:  
 Hugh H Kerr, MD  
 St Joseph Mercy Hospital  
 Dept of Radiology  
 900 Woodward Ave  
 Pontiac, MI 48341-2985  
 313 858-3040  
 Length: 4 Year(s) Total Positions: 16 (GYI: 4)  
 Program ID: 420-25-32-101

**Royal Oak**

**William Beaumont Hospital Program**

William Beaumont Hospital  
 Program Director:  
 Kenneth W Matasar, MD  
 William Beaumont Hospital  
 Dept of Diagnostic Radiology  
 3601 W 13 Mile Rd  
 Royal Oak, MI 48073  
 810 551-6063  
 Length: 4 Year(s) Total Positions: 27 (GYI: 7)  
 Subspecialties: NR,RNR  
 Program ID: 420-25-12-102

**Southfield**

**Providence Hospital Program**

Providence Hospital  
 Program Director:  
 David L Osher, MD  
 Providence Hospital  
 Med Educ  
 16001 W Nine Mile Rd  
 Southfield, MI 48075  
 810 424-3051  
 Length: 4 Year(s) Total Positions: 12 (GYI: 3)  
 Program ID: 420-25-21-103

**Minnesota**

**Minneapolis**

**University of Minnesota Program**

University of Minnesota Medical School  
 Hennepin County Medical Center  
 St Paul-Ramsey Medical Center  
 University of Minnesota Hospital and Clinic  
 Veterans Affairs Medical Center (Minneapolis)  
 Program Director:  
 William M Thompson, MD  
 Harry Griffiths, MD  
 University of Minnesota  
 420 Delaware St SE  
 Rm 2-349  
 Minneapolis, MN 55455  
 612 626-3456  
 Length: 4 Year(s) Total Positions: 52 (GYI: 5)  
 Subspecialties: PDR,RNR,VIR  
 Program ID: 420-26-21-104

**Rochester**

**Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Rochester)  
 Program Director:  
 Stephen J Swensen, MD  
 MGSM Application Processing Center  
 Mayo Graduate School of Medicine  
 200 1st St SW  
 Rochester, MN 55905  
 507 284-5114  
 Length: 4 Year(s) Total Positions: 39 (GYI: 10)  
 Subspecialties: RNR  
 Program ID: 420-26-21-105

**Mississippi**

**Jackson**

**University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
 University Hospital  
 Program Director:  
 James U Morano, MD  
 Univ of Mississippi Med Ctr  
 2500 N State St  
 Jackson, MS 39216-4505  
 601 984-2515  
 Length: 4 Year(s) Total Positions: 19 (GYI: 3)  
 Program ID: 420-27-11-107

**Missouri**

**Columbia**

**University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
 Harry S Truman Memorial Veterans Hospital  
 University and Children's Hospital  
 Program Director:  
 Robert J Churchill, MD  
 Univ of Missouri Med Ctr-Radiology Dept  
 One Hospital Dr  
 Columbia, MO 65212  
 314 882-1026  
 Length: 4 Year(s) Total Positions: 17 (GYI: 4)  
 Program ID: 420-28-11-108

**Kansas City**

**University of Missouri at Kansas City Program**

University of Missouri-Kansas City School of Medicine  
 St Luke's Hospital  
 Truman Medical Center-West  
 Program Director:  
 Fong Y Tsai, MD  
 Truman Med Ctr-W  
 Dept of Radiology  
 2301 Holmes St  
 Kansas City, MO 64108-8110  
 816 556-3273  
 Length: 4 Year(s) Total Positions: 20 (GYI: 5)  
 Program ID: 420-28-21-231

**St Louis**

**St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
 Cardinal Glennon Children's Hospital  
 St Louis University Hospital  
 Veterans Affairs Medical Center (St Louis)  
 Program Director:  
 Murali Sundaram, MD  
 Dept of Radiology St Louis Univ Hlth Sci Ctr  
 St Louis University Hospital  
 3635 Vista at Grand  
 St Louis, MO 63110-0250  
 314 577-8025  
 Length: 4 Year(s) Total Positions: 24 (GYI: 6)  
 Subspecialties: PDR,RNR  
 Program ID: 420-28-21-110

Programs

\* Updated information not provided.



## Washington University Program

Barnes Hospital  
Jewish Hospital of St Louis  
Mallinckrodt Institute of Radiology  
St Louis Children's Hospital  
Washington University School of Medicine

*Program Director:*

Dennis M Balfe, MD  
Mallinckrodt Institute of Radiology  
510 S Kingshighway  
St Louis, MO 63110  
314 362-2928

*Length:* 4 Year(s) *Total Positions:* 64 (GYI: 11)

*Subspecialties:* PDR,RNR,VIR

**Program ID:** 420-28-11-111

## Nebraska

### Omaha

#### Creighton University Program

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center

*Program Director:*

David M Lefkowitz, MD  
Creighton Univ Schl of Med  
Dept of Radiology  
601 N 30th St  
Omaha, NE 68131  
402 449-4540

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID:** 420-30-21-220

#### University of Nebraska Program

University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

Craig W Walker, MD  
University of Nebraska Medical Center  
Dept of Radiology  
600 S 42nd St  
Omaha, NE 68198-1045  
402 559-6955

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Subspecialties:* VIR

**Program ID:** 420-30-21-112

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital

*Program Director:*

Jocelyn D Chertoff, MD  
Dartmouth-Hitchcock Medical Center  
Dept of Radiology  
One Medical Center Dr  
Lebanon, NH 03756  
603 650-4477

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID:** 420-32-11-113

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center  
Armed Forces Institute of Pathology  
Children's Hospital of Philadelphia  
Thomas Jefferson University Hospital

*Program Director:*

James H Jacoby, MD  
Cooper Hospital/University Medical Center  
Diagnostic Radiology Dept  
One Cooper Plaza  
Camden, NJ 08103  
609 342-2383

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID:** 420-33-21-244

### Hackensack

#### Hackensack Medical Center Program

Hackensack Medical Center

*Program Director:*

Joel A Budin, MD  
Hackensack Medical Center  
30 Prospect Ave  
Hackensack, NJ 07601  
201 996-2016

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID:** 420-33-12-114

### Livingston

#### St Barnabas Medical Center Program

St Barnabas Medical Center

*Program Director:*

Lester Kalisher, MD  
St Barnabas Medical Center  
Old Short Hills Rd  
Livingston, NJ 07039  
201 533-5822

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)

**Program ID:** 420-33-21-215

### Long Branch

#### Monmouth Medical Center Program

Monmouth Medical Center

*Program Director:*

Richard B Ruchman, MD  
Monmouth Medical Center  
Dept of Radiology  
300 Second Ave  
Long Branch, NJ 07740-9998  
908 870-5060

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID:** 420-33-31-115

### Morristown

#### Morristown Memorial Hospital Program

Morristown Memorial Hospital

*Program Director:*

Harry L Stein, MD  
Morristown Memorial Hospital Dept of Radiology  
100 Madison Ave  
PO Box 1956  
Morristown, NJ 07962-1956  
201 971-5372

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 0)

**Program ID:** 420-33-11-116

## Newark

#### Newark Beth Israel Medical Center Program

Newark Beth Israel Medical Center

*Program Director:*

Lloyd N Spindell, MD  
Newark Beth Israel Medical Center  
201 Lyons Ave at Osborne Terrace  
Newark, NJ 07112  
201 926-7035

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID:** 420-33-31-118

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Children's Hospital of New Jersey  
UMDNJ-University Hospital

*Program Director:*

Stephen R Baker, MD  
UMDNJ/NJMS  
Dept of Radiology C-320  
150 Bergen St  
Newark, NJ 07103-2425  
201 982-5188

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 0)

**Program ID:** 420-33-21-226

## Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*

John L Noshier, MD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Radiology  
One Robert Wood Johnson Pl  
New Brunswick, NJ 08903-0019  
908 235-7721

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)

**Program ID:** 420-33-21-228

## Summit

#### Overlook Hospital Program

Overlook Hospital

*Program Director:*

William J Esposito, MD  
Overlook Hospital  
99 Beauvoir Ave  
PO Box 220  
Summit, NJ 07902-0220  
908 522-2907

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID:** 420-33-11-119

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Fred A Mettler Jr, MD  
University of New Mexico Health Sciences Center  
Dept of Radiology  
915 Camino De Salud NE  
Albuquerque, NM 87131-5336  
505 272-0932

*Length: 4 Year(s) Total Positions: 22 (GYI: 5)*

*Subspecialties: RNR*

*Program ID: 420-34-21-120*

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

William Hendrick Jr, MD  
Albany Medical Center  
Dept of Radiology A-113  
43 New Scotland Ave  
Albany, NY 12208-3478  
518 445-3371

*Length: 4 Year(s) Total Positions: 17 (GYI: 0)*

*Subspecialties: RNR*

*Program ID: 420-35-11-121*

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

E Stephen Amis Jr, MD  
Montefiore Medical Center  
Dept of Radiology  
111 E 210th St  
Bronx, NY 10467  
718 920-5113

*Length: 4 Year(s) Total Positions: 48 (GYI: 0)*

*Program ID: 420-35-21-126*

#### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center

*Program Director:*

Harry L Miller, MD  
Bronx-Lebanon Hospital Center  
1276 Fulton Ave  
Bronx, NY 10456  
718 901-8284

*Length: 4 Year(s) Total Positions: 11 (GYI: 0)*

*Program ID: 420-35-12-128*

## Brooklyn

#### Long Island College Hospital Program

Long Island College Hospital

*Program Director:*

R Thomas Bergeron, MD  
Risa H Kent, MD  
Long Island College Hospital  
340 Henry St  
Brooklyn, NY 11201  
718 780-1793

*Length: 4 Year(s) Total Positions: 12 (GYI: 0)*

*Program ID: 420-35-11-131*

#### Maimonides Medical Center Program

Maimonides Medical Center

*Program Director:*

E G Kassner, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7478

*Length: 4 Year(s) Total Positions: 12 (GYI: 0)*

*Program ID: 420-35-21-221*

#### New York Methodist Hospital Program

New York Methodist Hospital

*Program Director:*

Joseph Giovanniello, MD  
Methodist Hospital of Brooklyn  
506 Sixth St  
Brooklyn, NY 11215-9008  
718 780-3870

*Length: 4 Year(s) Total Positions: 8 (GYI: 2)*

*Subspecialties: NR*

*Program ID: 420-35-12-133*

#### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn

*Program Director:*

Joshua A Becker, MD  
SUNY Health Science Ctr at Brooklyn Dept of Radiology  
450 Clarkson Ave Box 1198  
Brooklyn, NY 11203  
718 270-1603

*Length: 4 Year(s) Total Positions: 32 (GYI: 0)*

*Program ID: 420-35-21-143*

## Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

SUNY at Buffalo Grad Medical-Dental Education Consortium

Buffalo General Hospital  
Erie County Medical Center  
Millard Fillmore Hospitals

*Program Director:*

Angelo DelBalso, MD DDS  
Erie County Medical Center  
Dept of Radiology  
462 Grider St  
Buffalo, NY 14215  
716 898-3424

*Length: 4 Year(s) Total Positions: 18 (GYI: 0)*

*Subspecialties: PDR*

*Program ID: 420-35-21-122*

## East Meadow

#### Nassau County Medical Center Program

Nassau County Medical Center

*Program Director:*

Dvorah Balsam, MD  
Nassau County Medical Center Dept of Radiology  
2201 Hempstead TrnPk  
East Meadow, NY 11554-5400  
516 572-6633

*Length: 4 Year(s) Total Positions: 16 (GYI: 4)*

*Program ID: 420-35-11-123*

## Manhasset

#### North Shore University Hospital Program

North Shore University Hospital

*Program Director:*

Roger A Hyman, MD  
North Shore University Hospital Dept of Radiology  
300 Community Dr  
Manhasset, NY 11030  
516 562-4800

*Length: 4 Year(s) Total Positions: 21 (GYI: 0)*

*Subspecialties: RNR*

*Program ID: 420-35-31-124*

## Mineola

#### Winthrop-University Hospital Program

Winthrop-University Hospital

*Program Director:*

Arthur Fruauff, MD  
Dept of Radiology  
Winthrop-University Hospital  
259 First St  
Mineola, NY 11501  
516 663-2123

*Length: 4 Year(s) Total Positions: 12 (GYI: 3)*

*Program ID: 420-35-21-240*

## New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Queens Hospital Center  
Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

Peter G Herman, MD  
Long Island Jewish Medical Center  
Dept of Radiology  
New Hyde Park, NY 11040  
718 470-7175

*Length: 4 Year(s) Total Positions: 20 (GYI: 0)*

*Subspecialties: NR,PDR,RNR,VIR*

*Program ID: 420-35-21-132*

## New York

#### Albert Einstein College of Medicine at Beth Israel Medical Center Program\*

Beth Israel Medical Center  
Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Ronald Ablow, MD  
Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003  
212 420-4585

*Length: 4 Year(s) Total Positions: 22 (GYI: 0)*

*Subspecialties: RNR*

*Program ID: 420-35-21-127*

\* Updated information not provided.

**Harlem Hospital Center Program\***

Harlem Hospital Center  
Presbyterian Hospital in the City of New York

*Program Director:*  
Roberta C Locko, MD  
Harlem Hospital Center  
506 Lenox Ave  
New York, NY 10037  
212 939-4901

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 420-35-21-214

**Lenox Hill Hospital Program**

Lenox Hill Hospital  
*Program Director:*  
Lewis M Rothman, MD  
Lenox Hill Hospital  
Dept of Radiology

100 E 77th St  
New York, NY 10021-1883  
212 434-2929

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID:** 420-35-21-218

**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)

*Program Director:*  
Kathleen Halton, MD  
Mount Sinai Hospital  
Dept of Radiology Box 1234  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-7427

*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 0)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-35-21-135

**New York Hospital/Cornell Medical Center Program**

New York Hospital  
Hospital for Special Surgery  
Memorial Sloan-Kettering Cancer Center

*Program Director:*  
Robert D Zimmerman, MD  
Director Residency Training  
New York Hospital Cornell Med Ctr  
New York, NY 10021  
212 746-2574

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 0)  
*Subspecialties:* RNR,VIR  
**Program ID:** 420-35-21-129

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*  
Albert F Keegan, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6373

*Length:* 4 Year(s) *Total Positions:* 47 (GYI: 0)  
*Subspecialties:* NR,PDR,RNR  
**Program ID:** 420-35-21-137

**Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*  
Philip O Alderson, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032  
212 305-8994

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 0)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-35-11-138

**St Luke's-Roosevelt Hospital Center Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
Jeanne W Baer, MD  
St Luke's-Roosevelt Hospital Center  
Dept of Radiology  
1111 Amsterdam Ave  
New York, NY 10025  
212 523-4259

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 0)  
*Subspecialties:* NR  
**Program ID:** 420-35-21-224

**Rochester**

**Rochester General Hospital Program**

Rochester General Hospital

*Program Director:*  
Allan D Bernstein, MD  
Rochester General Hospital  
1425 Portland Ave  
Rochester, NY 14621  
716 336-3220

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)  
**Program ID:** 420-35-12-145

**University of Rochester Program**

Strong Memorial Hospital of the University of Rochester

*Program Director:*  
Jovitas Skucas, MD  
Univ of Rochester Medical Center Dept of Diagnostic Rad  
601 Elmwood Ave  
Rochester, NY 14642-8648  
716 275-2622

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 2)  
*Subspecialties:* PDR,RNR,VIR  
**Program ID:** 420-35-11-146

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*  
Morton A Meyers, MD  
University Hospital Dept of Radiology  
Level 4 Rm 092  
Health Science Center  
Stony Brook, NY 11794-8460  
516 444-2480

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Subspecialties:* RNR  
**Program ID:** 420-35-21-222

**Syracuse**

**SUNY Health Science Center at Syracuse Program**

University Hospital-SUNY Health Science Center at Syracuse  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*  
Stuart A Groskin, MD  
John J Wasenko, MD  
Dept of Radiology  
SUNY Health Science Center  
750 E Ada s St  
Syracuse, NY 13210  
315 464-7434

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)  
*Subspecialties:* RNR  
**Program ID:** 420-35-21-147

**Valhalla**

**New York Medical College (Richmond) Program**

New York Medical College  
St Vincent's Medical Center of Richmond  
Westchester County Medical Center

*Program Director:*  
Ruwini D de Silva, MD  
St Vincent's Medical Center of Richmond  
355 Bard Ave  
Staten Island, NY 10310-1699  
718 876-3153

*Length:* 4 Year(s) *Total Positions:* 1 (GYI: 1)  
**Program ID:** 420-35-21-229

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
St Vincent's Hospital and Medical Center of New York

*Program Director:*  
James Chang, MD  
St Vincent's Hospital and Medical Center  
Dept of Radiology  
153 W 11th St  
New York, NY 10001  
212 604-8742

*Length:* 9 Year(s) *Total Positions:* 14 (GYI: 0)  
**Program ID:** 420-35-12-141

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
Westchester County Medical Center

*Program Director:*  
Susan A Klein, MD  
New York Medical College  
Macy Pavilion  
Dept of Radiology  
Valhalla, NY 10595  
914 285-8550

*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 0)  
*Subspecialties:* RNR  
**Program ID:** 420-35-21-136

\* Updated information not provided.

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Etta D Pisano, MD  
 Univ of North Carolina School of Medicine  
 Dept of Radiology  
 503 Old Infirmary CB#7510  
 Chapel Hill, NC 27599-7510  
 919 966-1771

*Length:* 4 Year(s) *Total Positions:* 30 (*GYI:* 5)*Subspecialties:* PDR,RNR,VIR**Program ID:** 420-36-11-148**Durham****Duke University Program**Duke University Medical Center  
Veterans Affairs Medical Center (Durham)*Program Director:*

James D Bowie, MD  
 Duke University Medical Center  
 Box 3808  
 Durham, NC 27710  
 919 684-2711

*Total Positions:* 47 (*GYI:* 2)*Subspecialties:* PDR,RNR**Program ID:** 420-36-31-149**Winston-Salem****Bowman Gray School of Medicine Program\***

North Carolina Baptist Hospital

*Program Director:*

Ronald J Zagoria, MD  
 Bowman Gray School of Medicine  
 Medical Center Blvd  
 Winston-Salem, NC 27157-1088  
 919 716-3614

*Length:* 4 Year(s) *Total Positions:* 28 (*GYI:* 7)*Subspecialties:* NR,PDR,RNR,VIR**Program ID:** 420-36-11-150**Ohio****Canton****Aultman Hospital/Timken Mercy Medical Center Program**Aultman Hospital  
Timken Mercy Medical Center*Program Director:*

Barry S Rose, MD  
 Aultman Dept of Radiology  
 2600 Sixth St SW  
 Canton, OH 44710  
 216 438-6267

*Length:* 4 Year(s) *Total Positions:* 16 (*GYI:* 4)**Program ID:** 420-38-21-232**Cincinnati****University of Cincinnati Hospital Group Program**University of Cincinnati Hospital  
Christ Hospital  
Veterans Affairs Medical Center (Cincinnati)*Program Director:*

Harold B Spitz, MD  
 University of Cincinnati Medical Center  
 Dept of Radiology  
 PO Box 670742  
 Cincinnati, OH 45267-0742  
 513 558-7226

*Total Positions:* 30 (*GYI:* 3)*Subspecialties:* PDR,RNR**Program ID:** 420-38-21-152**Cleveland****Case Western Reserve University (MetroHealth) Program**

MetroHealth Medical Center

*Program Director:*

Errol M Bellon, MD  
 MetroHealth Medical Center  
 Dept of Radiology  
 2500 MetroHealth Dr  
 Cleveland, OH 44109-1998  
 216 459-4016

*Length:* 4 Year(s) *Total Positions:* 24 (*GYI:* 6)**Program ID:** 420-38-21-242**Case Western Reserve University Program**

University Hospitals of Cleveland

*Program Director:*

Joseph P Lipuma, MD  
 Peter B Sachs, MD  
 Dept of Radiology  
 University Hospitals of Cleveland  
 11100 Euclid Ave  
 Cleveland, OH 44106-5000  
 216 844-3113

*Length:* 4 Year(s) *Total Positions:* 6 (*GYI:* 6)*Subspecialties:* RNR**Program ID:** 420-38-21-153**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*

David M Einstein, MD  
 Cleveland Clinic Foundation  
 9500 Euclid Ave TT32  
 Dept of Diagnostic Radiology  
 Cleveland, OH 44195-5242  
 216 444-5690

*Length:* 4 Year(s) *Total Positions:* 31 (*GYI:* 6)*Subspecialties:* PDR,RNR,VIR**Program ID:** 420-38-12-154**Mount Sinai Medical Center of Cleveland Program**

Mount Sinai Medical Center of Cleveland

*Program Director:*

Avram E Pearlstein, MD  
 Mt Sinai Medical Center of Cleveland  
 One Mt Sinai Dr  
 Cleveland, OH 44106-4198  
 216 421-5918

*Length:* 4 Year(s) *Total Positions:* 12 (*GYI:* 0)**Program ID:** 420-38-11-155**Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*

Charles F Mueller, MD  
 Ohio State University  
 Dept of Radiology/RH S-209  
 410 W Tenth Ave  
 Columbus, OH 43210  
 614 293-8369

*Length:* 4 Year(s) *Total Positions:* 21 (*GYI:* 0)*Subspecialties:* RNR**Program ID:** 420-38-21-156**Toledo****Medical College of Ohio at Toledo Program**Medical College of Ohio Hospital  
St Vincent Medical Center*Program Director:*

Lee S Woldenberg, MD  
 Medical College of Ohio  
 Dept of Radiology  
 PO Box 10008  
 Toledo, OH 43699-0008  
 419 381-3428

*Length:* 4 Year(s) *Total Positions:* 12 (*GYI:* 2)**Program ID:** 420-38-21-157**Youngstown****St Elizabeth Hospital Medical Center/NEOUCOM Program**St Elizabeth Hospital Medical Center  
Northside Medical Center*Program Director:*

William L Crawford, MD  
 St Elizabeth Hospital Medical Center  
 1044 Belmont Ave  
 PO Box 1790  
 Youngstown, OH 44501-1790  
 216 480-3778

*Length:* 4 Year(s) *Total Positions:* 12 (*GYI:* 3)**Program ID:** 420-38-21-233**Oklahoma****Oklahoma City****Baptist Medical Center of Oklahoma Program**

Baptist Medical Center of Oklahoma

*Program Director:*

Jay A Harolds, MD  
 Baptist Medical Center of Oklahoma  
 Dept of Radiology  
 3300 NW Expwy  
 Oklahoma City, OK 73112  
 405 949-3202

*Length:* 4 Year(s) *Total Positions:* 14 (*GYI:* 4)**Program ID:** 420-39-12-158

\* Updated information not provided.

**University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
 Children's Hospital of Oklahoma  
 University Hospital and Clinics  
 Veterans Affairs Medical Center (Oklahoma City)  
*Program Director:*  
 Sidney P Traub, MD  
 Dept of Radiological Science  
 Univ of Oklahoma Hlth Sci Ctr  
 PO Box 26901  
 Oklahoma City, OK 73190-3020  
 405 271-5125  
*Length:* 4 Year(s) *Total Positions:* 34 (GYI: 6)  
*Subspecialties:* VIR  
**Program ID:** 420-39-21-159

**Oregon**

**Portland**

**Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
 Veterans Affairs Medical Center (Portland)  
*Program Director:*  
 Paul C Lakin, MD  
 Dept Diagnostic Radiology L340  
 Oregon Hlth Sci Univ  
 3181 SW Sam Jackson Pk Rd  
 Portland, OR 97201-3098  
 503 494-5266  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
**Program ID:** 420-40-31-160

**Pennsylvania**

**Bryn Mawr**

**Bryn Mawr Hospital Program**

Bryn Mawr Hospital  
*Program Director:*  
 Raymond L Baraldi Jr, MD  
 Bryn Mawr Hospital  
 Dept of Radiology  
 130 S Bryn Mawr Ave  
 Bryn Mawr, PA 19010-3160  
 215 526-4123  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 420-41-21-162

**Danville**

**Geisinger Medical Center Program**

Geisinger Medical Center  
*Program Director:*  
 Terence L O'Rourke, MD  
 Geisinger Medical Center  
 100 N Academy Ave  
 Danville, PA 17822  
 717 271-6301  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 420-41-21-163

**Hershey**

**Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr  
 Polyclinic Medical Center  
*Program Director:*  
 David S Hartman, MD  
 College of Medicine - University Hospital  
 Milton S Hershey Medical Center  
 PO Box 850  
 Hershey, PA 17033  
 717 531-6896  
*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 7)  
*Subspecialties:* VIR  
**Program ID:** 420-41-21-164

**Philadelphia**

**Albert Einstein Medical Center Program**

Albert Einstein Medical Center  
*Program Director:*  
 William Herring, MD  
 Albert Einstein Medical Center  
 5501 Old York Rd  
 Philadelphia, PA 19141-3098  
 215 456-6200  
*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 1)  
**Program ID:** 420-41-21-165

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital  
*Program Director:*  
 Beverly L Hershey, MD  
 Hahnemann Univ Dept of Radiology  
 Broad & Vine Sts  
 Mail Stop 206  
 Philadelphia, PA 19102-1192  
 215 762-8747  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)  
*Subspecialties:* RNR  
**Program ID:** 420-41-11-168

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital  
 Germantown Hospital and Medical Center  
*Program Director:*  
 Arnold C Friedman, MD  
 Medical College of Pennsylvania Hospital  
 Dept of Radiologic Sciences  
 3300 Henry Ave  
 Philadelphia, PA 19129  
 215 842-6578  
*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 0)  
**Program ID:** 420-41-21-169

**Mercy Catholic Medical Center Program**

Mercy Catholic Medical Center, Inc  
 Mercy Catholic Medical Center-Fitzgerald Mercy Division  
 Mercy Catholic Medical Center-Misericordia Division  
*Program Director:*  
 Gustav Seliger, MD  
 Mercy Catholic Medical Center  
 Box 19709  
 Philadelphia, PA 19143  
 215 237-4355  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)  
**Program ID:** 420-41-21-170

**Pennsylvania Hospital Program**

Pennsylvania Hospital  
*Program Director:*  
 Carolyn E Parry, MD  
 Soo Sung Han, MD  
 Pennsylvania Hospital  
 800 Spruce St  
 Philadelphia, PA 19107-6192  
 215 829-3201  
*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 0)  
**Program ID:** 420-41-31-171

**Presbyterian Medical Center of Philadelphia Program**

Presbyterian Medical Center of Philadelphia  
*Program Director:*  
 David B Freiman, MD  
 Presbyterian Medical Center of Philadelphia  
 Dept of Medical Imaging  
 39th & Market Sts  
 Philadelphia, PA 19104  
 215 662-9137  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)  
**Program ID:** 420-41-21-172

**Temple University Program**

Temple University Hospital  
*Program Director:*  
 Michael B Love, MD  
 Dept of Diagnostic Imaging  
 Temple University Hospital  
 Broad & Ontario Sts  
 Philadelphia, PA 19140  
 215 707-2586  
*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 5)  
*Subspecialties:* RNR  
**Program ID:** 420-41-11-173

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital  
*Program Director:*  
 Vijay M Rao, MD  
 Thomas Jefferson University  
 132 S Tenth St Rm 1092 Main Bldg  
 Philadelphia, PA 19107-8110  
 215 955-4804  
*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 0)  
*Subspecialties:* RNR,VIR  
**Program ID:** 420-41-11-174

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
*Program Director:*  
 Igor Laufer, MD  
 Hospital of the University of Pennsylvania  
 Dept of Radiology  
 3400 Spruce St  
 Philadelphia, PA 19104  
 215 662-3263  
*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 2)  
*Subspecialties:* RNR,VIR  
**Program ID:** 420-41-21-175

**Pittsburgh**

**MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital  
*Program Director:*  
 Rolf L Schapiro, MD  
 Dept of Diagnostic Radiology  
 Allegheny General Hospital  
 320 E North Ave  
 Pittsburgh, PA 15212-9986  
 412 359-4113  
*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)  
*Subspecialties:* RNR  
**Program ID:** 420-41-21-176

\* Updated information not provided.

**Mercy Hospital of Pittsburgh Program**

Mercy Hospital of Pittsburgh

*Program Director:*

Deborah A Willard, MD  
 Mercy Hospital of Pittsburgh  
 Dept of Radiology gy  
 1400 Locust St  
 Pittsburgh, PA 15219-5166  
 412 232-7909

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)**Program ID:** 420-41-11-178**St Francis Medical Center Program**St Francis Medical Center  
Forbes Regional Hospital*Program Director:*

Gerald Ross, MD  
 St Francis Medical Center  
 400 45th St  
 Pittsburgh, PA 15201  
 412 622-4100

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 3)**Program ID:** 420-41-21-179**University Health Center of Pittsburgh Program**University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC*Program Director:*

James H Oliver III, MD  
 Dept of Radiology  
 University of Pittsburgh Med Ctr  
 200 Lothrop St  
 Pittsburgh, PA 15213  
 412 648-3101

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 0)*Subspecialties:* RNR**Program ID:** 420-41-21-177**Western Pennsylvania Hospital Program**

Western Pennsylvania Hospital

*Program Director:*

Ellen B Mendelson, MD  
 Western Pennsylvania Hospital  
 4800 Friendship Ave  
 Pittsburgh, PA 15224  
 412 578-4810

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)*Subspecialties:* VIR**Program ID:** 420-41-21-241**Reading****Reading Hospital and Medical Center Program**

Reading Hospital and Medical Center

*Program Director:*

Edward C Fischer, MD  
 Reading Hospital and Medical Center Dept of Radiology  
 PO Box 16052  
 Reading, PA 19612-6052  
 215 378-6108

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)**Program ID:** 420-41-22-181**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
 Industrial Hospital  
 San Juan City Hospital  
 University Hospital  
 Veterans Affairs Medical Center (San Juan)

*Program Director:*

Heriberto Pagan-Saez, MD  
 Univ of Puerto Rico Sch of Med Dept Radiological  
 Sciences  
 Medical Sciences Campus  
 San Juan, PR 00936  
 809 754-3576

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)**Program ID:** 420-42-21-182**Rhode Island****Providence****Rhode Island Hospital Program**

Rhode Island Hospital

*Program Director:*

John J Cronan, MD  
 Dept of Diagnostic Imaging  
 Rhode Island Hospital  
 593 Eddy St  
 Providence, RI 02903  
 401 444-5184

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 0)**Program ID:** 420-43-21-183**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
 Charleston Memorial Hospital  
 MUSC Medical Center  
 Veterans Affairs Medical Center (Charleston)

*Program Director:*

Roderick I Macpherson, MD  
 Medical University of South Carolina  
 Dept of Radiology  
 171 Ashley Ave  
 Charleston, SC 29425-0720  
 803 792-7179

*Length:* 4 Year(s) *Total Positions:* 24 (GYI: 5)*Subspecialties:* PDR, RNR, VIR**Program ID:** 420-45-21-184**Tennessee****Knoxville****University of Tennessee Medical Center at Knoxville Program**

University of Tennessee Graduate School of Medicine  
 University of Tennessee Memorial Hospital

*Program Director:*

Edward Buonocore, MD  
 Myrwood C Besozzi, MD  
 The University of Tennessee  
 Graduate School of Medicine  
 1924 Alcoa Hwy  
 Knoxville, TN 37920-6999  
 615 544-9661

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)**Program ID:** 420-47-21-236**Memphis****Baptist Memorial Hospital Program**

Baptist Memorial Hospital

*Program Director:*

Allen K Tonkin, MD  
 Baptist Memorial Hospital Medical Center  
 Dept of Radiology  
 899 Madison Ave  
 Memphis, TN 38146  
 901 227-3000

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 5)**Program ID:** 420-47-12-186**Methodist Hospital-Central Unit Program**

Methodist Hospital-Central Unit

*Program Director:*

Robert E Laster Jr, MD  
 Methodist Hospital-Central Unit  
 Dept of Radiology  
 1265 Union Ave  
 Memphis, TN 38104  
 901 726-8529

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)**Program ID:** 420-47-21-187**University of Tennessee Program**

University of Tennessee College of Medicine  
 LeBonheur Children's Medical Center  
 Regional Medical Center at Memphis  
 University of Tennessee Medical Center  
 Veterans Affairs Medical Center (Memphis)

*Program Director:*

Morris L Gavant, MD  
 University of Tennessee Memphis  
 Dept of Radiology  
 800 Madison Ave 150 Chandler  
 Memphis, TN 38163  
 901 448-8248

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 6)*Subspecialties:* PDR, VIR**Program ID:** 420-47-21-188**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
 Veterans Affairs Medical Center (Nashville)

*Program Director:*

Richard M Heller, MD  
 Vanderbilt University School of Medicine  
 Dept of Radiology D-1120 MCN  
 1161 21st Ave S  
 Nashville, TN 37232-2675  
 615 322-3288

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 7)*Subspecialties:* PDR, RNR**Program ID:** 420-47-21-189

\* Updated information not provided.

# Texas

## Dallas

### Baylor University Medical Center Program

Baylor University Medical Center  
*Program Director:*  
Mark Zibilich, MD  
Dept of Radiology  
3500 Gaston Ave  
Dallas, TX 75246  
214 820-3219  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 5)  
*Subspecialties:* VIR  
*Program ID:* 420-48-22-190

### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)  
*Program Director:*  
George C Curry, MD  
University of Texas Southwestern Medical Center  
Dept of Radiology  
5323 Harry Hines Blvd  
Dallas, TX 75235-8896  
214 648-8020  
*Length:* 4 Year(s) *Total Positions:* 49 (GYI: 11)  
*Subspecialties:* PDR,RNR,VIR  
*Program ID:* 420-48-21-192

## Fort Sam Houston

### US Army Coordinated Program-Brooke Army Medical Center Program

Brooke Army Medical Center  
*Program Director:*  
Ltc Michael A Cawthon, DO  
Dept of Radiology  
Attn: HSHE-DR  
Brooke Army Medical Center  
Fort Sam Houston, TX 78234-6200  
210 916-8218  
*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 0)  
*Program ID:* 420-48-11-943

## Galveston

### University of Texas Medical Branch Hospitals Program

University of Texas Medical Branch Hospitals  
*Program Director:*  
Brian W Goodacre, MD  
University of Texas Medical Branch Hospitals  
Dept of Radiology G-09  
Galveston, TX 77555-0709  
409 747-2849  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 6)  
*Subspecialties:* PDR,RNR  
*Program ID:* 420-48-11-194

## Houston

### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Lyndon B Johnson General Hospital  
Methodist Hospital  
St Luke's Episcopal Hospital  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)  
*Program Director:*  
Neela Lamki, MD  
Baylor College of Medicine  
Dept of Radiology  
One Baylor Plaza  
Houston, TX 77030-3498  
713 798-6362  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 0)  
*Subspecialties:* PDR,RNR  
*Program ID:* 420-48-21-195

### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
St Joseph Hospital  
University of Texas M D Anderson Cancer Center  
*Program Director:*  
Carl M Sandler, MD  
University of Texas Health Science Center at Houston  
Dept of Radiology  
6431 Fannin St Ste 2.026  
Houston, TX 77030  
713 792-5230  
*Length:* 4 Year(s) *Total Positions:* 42 (GYI: 3)  
*Subspecialties:* RNR  
*Program ID:* 420-48-21-196

## Lackland AFB

### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)  
*Program Director:*  
Thomas G Johnson LTC USAF MC, MD  
WHMC/PSRD  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-5282  
*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 0)  
*Subspecialties:* VIR  
*Program ID:* 420-48-12-002

## San Antonio

### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center  
*Program Director:*  
Stewart R Reuter, MD JD  
University of Texas Health Science Center  
Dept of Radiology-Diagnostic  
7703 Floyd Curl Dr  
San Antonio, TX 78234-7800  
210 567-5535  
*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 6)  
*Subspecialties:* RNR,VIR  
*Program ID:* 420-48-21-197

## Temple

### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital  
*Program Director:*  
Michael L Nipper, MD  
Scott and White Memorial Hospital  
2401 S 31st St  
Temple, TX 76708-0001  
800 299-4463  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 420-48-11-198

## Utah

## Salt Lake City

### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)  
*Program Director:*  
Paula J Woodward, MD  
University of Utah School of Medicine  
Dept of Radiology  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7553  
*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 4)  
*Subspecialties:* NR,RNR,VIR  
*Program ID:* 420-49-21-199

## Vermont

## Burlington

### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont  
*Program Director:*  
Christopher S Morris, MD  
Medical Center Hospital of Vermont  
Dept of Radiology  
111 Colchester Ave  
Burlington, VT 05401  
802 656-3593  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 420-50-31-200

## Virginia

## Charlottesville

### University of Virginia Program

University of Virginia Medical Center  
*Program Director:*  
Spencer B Gay, MD  
University of Virginia Hospitals  
Box 170  
Charlottesville, VA 22908  
804 924-9372  
*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 4)  
*Subspecialties:* RNR  
*Program ID:* 420-51-11-201

\* Updated information not provided.

**Norfolk****Eastern Virginia Graduate School of Medicine Program**

Eastern Virginia Graduate School of Medicine  
DePaul Medical Center  
Sentara Norfolk General Hospital  
Veterans Affairs Medical Center (Hampton)

*Program Director:*

Anne C Brower, MD  
Eastern Virginia Medical School  
Hofheimer Hall Ste 541  
825 Fairfax Ave  
Norfolk, VA 23507-1912  
804 446-8992

*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)  
*Program ID:* 420-51-21-202

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

Russell A Blinder, MD  
MCV/Virginia Commonwealth Univ  
Box 980299  
Richmond, VA 23298-0299  
804 828-3525

*Length:* 4 Year(s) *Total Positions:* 30 (GYI: 7)  
*Subspecialties:* RNR  
*Program ID:* 420-51-21-203

**Washington****Seattle****University of Washington Program**

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Charles A Rohrmann Jr, MD  
Lee B Talner, MD  
University Hospital  
Dept of Radiology SB-05  
1959 NE Pacific  
Seattle, WA 98195  
206 543-3320

*Length:* 4 Year(s) *Total Positions:* 40 (GYI: 3)  
*Subspecialties:* PDR,RNR,VIR  
*Program ID:* 420-54-21-205

**Virginia Mason Medical Center Program**

Virginia Mason Medical Center

*Program Director:*

Ingrid M Peterson, MD  
Virginia Mason Medical Center  
Office of Housestaff Aff (H7-ME)  
925 Seneca St  
Seattle, WA 98101  
206 583-6079

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)  
*Program ID:* 420-54-12-206

**Spokane****Sacred Heart Medical Center Program**

Sacred Heart Medical Center

*Program Director:*

Royce L Zobell, MD  
Sacred Heart Medical Center  
101 W Eighth Ave  
PO Box 2555  
Spokane, WA 99220-2555  
509 455-3330

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)  
*Program ID:* 420-54-21-207

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center

*Program Director:*

Ltc Gregory N Bender, MD  
Madigan Army Medical Center  
Dept of Radiology  
Attn: HSHJ-R  
Tacoma, WA 98431-5000  
206 968-2238

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 0)  
*Program ID:* 420-54-21-239

**West Virginia****Morgantown****West Virginia University Program**

West Virginia University Hospitals

*Program Director:*

Judith S Schreiman, MD  
Robert C Byrd Health Science Center  
Dept of Radiology  
PO Box 9235  
Morgantown, WV 26506-9235  
304 293-3092

*Length:* 4 Year(s) *Total Positions:* 2 (GYI: 2)  
*Program ID:* 420-55-21-208

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Pamela A Propeck, MD  
David Fisher, MD  
University of Wisconsin  
E3/311 Clin Sci Ctr  
600 Highland Ave  
Madison, WI 53792-3252  
608 263-8310

*Length:* 4 Year(s) *Total Positions:* 35 (GYI: 3)  
*Subspecialties:* RNR,VIR  
*Program ID:* 420-56-21-210

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyno Hospital

*Program Director:*

Guillermo F Carrera, MD  
Medical College of Wisconsin-Doyno Clinic  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 777-3750

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 0)  
*Subspecialties:* PDR,RNR,VIR  
*Program ID:* 420-56-21-211

**St Joseph's Hospital Program**

St Joseph's Hospital

*Program Director:*

Bernard H Kampschroer, MD  
St Joseph's Hospital  
5000 W Chambers St  
Milwaukee, WI 53210  
414 447-2195

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 420-56-22-212

**St Luke's Medical Center Program**

St Luke's Medical Center

*Program Director:*

David L Olson, MD  
St Luke's Medical Center  
2900 W Oklahoma Ave  
Milwaukee, WI 53215  
414 649-6298

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 0)  
*Program ID:* 420-56-12-213

\* Updated information not provided.



## Rheumatology (Internal Medicine)

### Alabama

#### Birmingham

##### University of Alabama Medical Center Program

University of Alabama Hospital

*Program Director:*

Dennis W Boulware, MD  
The University of Alabama at Birmingham  
Div of Rheumatology  
University Station THT 421  
Birmingham, AL 35294-0006  
205 934-9498

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 150-01-21-088

### Arizona

#### Tucson

##### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Michael J Maricic, MD  
University of Arizona Dept of Internal Medicine  
Rheumatology Allergy Immunology Sec  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7527

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 150-03-21-076

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Hugo E Jasin, MD  
University of Arkansas for Medical Sciences  
Div of Rheumatology 509  
4301 W Markham  
Little Rock, AR 72205-7199  
501 686-6770

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 150-04-21-145

### California

#### La Jolla

##### Scripps Clinic and Research Foundation Program

Scripps Clinic and Research Foundation

*Program Director:*

Ken D Pischel, MD PhD  
Dept of Graduate Med Educ/403C  
Scripps Clinic & Research Fnd  
10666 N Torrey Pines Rd  
La Jolla, CA 92037-1093  
619 554-8819

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 150-05-21-042

#### Loma Linda

##### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital

*Program Director:*

Keith K Colburn, MD  
Loma Linda University Medical Center  
Dept of Internal Medicine  
PO Box 2000  
Loma Linda, CA 92354  
714 824-4909

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-05-21-090

### Los Angeles

##### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

James R Klinenberg, MD  
Cedars-Sinai Medical Center  
Dept of Internal Med  
8700 Beverly Blvd  
Los Angeles, CA 90048  
310 855-5165

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 150-05-11-078

##### UCLA Medical Center Program

UCLA School of Medicine  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*

Beverly H Hahn, MD  
UCLA Schl of Med  
Ctr for the Hlth Sci  
Los Angeles, CA 90024-1736  
310 825-7891

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 150-05-11-091

##### University of Southern California Program\*

Los Angeles County-USC Medical Center  
LAC-Rancho Los Amigos Medical Center

*Program Director:*

David A Horwitz, MD  
University of Southern California Medical Center  
2011 Zonal Ave HMR #711  
Los Angeles, CA 90033  
213 342-1946

*Length:* 2 Year(s)

*Program ID:* 150-05-21-031

### Los Angeles (Sepulveda)

##### UCLA San Fernando Valley Program

Veterans Affairs Medical Center (Sepulveda)  
LAC-Olive View Medical Center

*Program Director:*

Richard Weisbart, MD  
Veterans Administration Medical Center  
16111 Plummer St  
Sepulveda, CA 91343  
818 895-9384

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-05-21-092

### Orange

##### University of California (Irvine) Program\*

University of California (Irvine) Medical Center  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*

George J Friou, MD  
Univ of California Irvine Med Ctr Dept of Internal  
Medicine  
101 City Dr S  
Orange, CA 92668  
714 856-5907

*Length:* 2 Year(s)

*Program ID:* 150-05-21-108

### Sacramento

##### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

James C Leek, MD  
University of California Davis Medical Center  
FOLBII-B  
Sacramento, CA 95617  
961 734-3480

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-05-21-066

### San Diego

##### University of California (San Diego) Program\*

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*

Harry G Bluestein, MD  
UCSD Medical Center Medicine 8417  
200 W Arbor Dr  
San Diego, CA 92103-8417  
619 543-5982

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 150-05-21-123

### San Francisco

##### University of California (San Francisco) Program

University of California (San Francisco) School of  
Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*

Kenneth E Sack, MD  
University of California  
400 Parnassus Ave Rm A540  
San Francisco, CA 94143-0326  
415 476-5193

*Length:* 2 Year(s) *Total Positions:* 8

*Program ID:* 150-05-21-109

\* Updated information not provided.

**San Jose****Santa Clara Valley Medical Center Program**

Santa Clara Valley Medical Center

*Program Director:*

Thomas Bush, MD  
Santa Clara Valley Medical Center  
Arthritis Clinic  
750 S Bascom Ave  
San Jose, CA 95128  
408 885-4673

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 150-05-31-128

**Stanford****Stanford University Program\***

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

James L McGuire, MD  
Stanford University Hospital Dept of Medicine  
300 Pasteur Dr S101E  
Stanford, CA 94305  
415 723-5371

*Length:* 2 Year(s) *Total Positions:* 16

**Program ID:** 150-05-21-016

**Torrance****Los Angeles County-Harbor-UCLA Medical Center Program\***

Los Angeles County-Harbor-UCLA Medical Center

*Program Director:*

James S Louie, MD  
Harbor-UCLA Medical Center  
E-2 South  
1000 W Carson St  
Torrance, CA 90509  
213 533-3697

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-05-11-124

**Colorado****Denver****University of Colorado Program**

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Veterans Affairs Medical Center (Denver)

*Program Director:*

William P Arend, MD  
Univ of Colorado Health Sciences Center Div of  
Rheumatology  
Box B 115 4200 E Ninth Ave  
Denver, CO 80262  
303 270-6666

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 150-07-21-036

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey  
Hospital  
Veterans Affairs Medical Center (Newington)

*Program Director:*

Naomi F Rothfield, MD  
University of Connecticut Health Center  
Dept of Medicine  
263 Farmington Ave  
Farmington, CT 06030-1310  
203 679-3605

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 150-08-31-001

**New Haven****Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
St Mary's Hospital  
Veterans Affairs Medical Center (West Haven)  
Waterbury Hospital Health Center

*Program Director:*

Joseph E Craft, MD  
Yale University School of Medicine  
333 Cedar St  
PO Box 208031  
New Haven, CT 06540  
203 785-2454

*Length:* 2 Year(s) *Total Positions:* 7

**Program ID:** 150-08-21-017

**District of Columbia****Washington****George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital

*Program Director:*

Patience White, MD  
George Washington Univ Hospital Dept of Medicine  
2150 Pennsylvania Ave NW  
Rm 4-405  
Washington, DC 20037  
202 994-4624

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-10-21-079

**Georgetown University Program**

Georgetown University Hospital  
Veterans Affairs Medical Center (Washington, DC)

*Program Director:*

Paul Katz, MD  
Georgetown University Hospital  
Dept of Medicine  
3800 Reservoir Rd NW GLO20  
Washington, DC 20007-2197  
202 687-8233

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 150-10-21-060

**Howard University Program\***

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*

Calvin Griffin, MD  
Howard University Hospital  
Dept of Medicine  
2041 Georgia Ave NW  
Washington, DC 20006  
202 865-6631

*Length:* 2 Year(s)

**Program ID:** 150-10-21-061

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*

Gregory J Dennis, MD  
Chief Rheumatology Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-6736

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 150-10-11-093

**Washington Hospital Center Program**

Washington Hospital Center.

*Program Director:*

Werner F Barth, MD  
Washington Hospital Center  
110 Irving St NW  
Washington, DC 20010  
202 877-6274

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-10-11-094

**Florida****Gainesville****University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Ralph C Williams Jr, MD  
University of Florida Dept of Medicine  
Box 100277  
J Hillis Miller Health Ctr  
Gainesville, FL 32610  
904 392-3600

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 150-11-21-025

**Miami****University of Miami-Jackson Memorial Medical Center Program\***

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Norman Gottlieb, MD  
University of Miami School of Medicine (4-10)  
PO Box 016960  
Miami, FL 33101  
305 547-6467

*Length:* 2 Year(s)

**Program ID:** 150-11-21-125

\* Updated information not provided.

## Tampa

### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare

*Program Director:*

Frank B Vasey, MD  
University of South Florida College of Medicine  
12901 Bruce B Downs Blvd Box 19  
Tampa, FL 33612-4799  
813 974-2681

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 150-11-21-026

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Carlos A Agudelo, MD  
Rheumatology Div  
VA Medical Center  
1670 Clairmont Road  
Atlanta, GA 30030  
404 321-6111

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 150-12-21-095

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics

*Program Director:*

Joseph P Bailey Jr, MD  
Medical College of Georgia  
Dept of Medicine  
BIW 540  
Augusta, GA 30912-3146  
706 721-2981

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 150-12-21-002

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Richard M Pope, MD  
Northwestern University Medical School  
303 E Chicago Ave  
Ward 3-315  
Chicago, IL 60611  
312 503-8197

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-16-21-051

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Thomas J Schnitzer, MD PhD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy Rm 524 JRB  
Chicago, IL 60612-3864  
312 942-8268

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 150-16-11-096

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Daniel A Albert, MD  
University of Chicago Rheumatology Sect  
5841 S Maryland Ave MC0930  
Chicago, IL 60637-1470  
312 702-6885

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-16-21-138

#### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago  
Mercy Hospital and Medical Center  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

William I Swedler, MD  
University of Illinois at Chicago  
Medicine/Rheumatology  
840 S Wood St M/C 787  
Chicago, IL 60612-7323  
312 996-6035

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 150-16-21-097

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Walter G Barr, MD  
Herbert M Rubinstein, MD  
Loyola University Medical Center  
Div of Rheumatology  
2160 S First Ave  
Maywood, IL 60153  
708 216-3313

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 150-16-21-003

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center

*Program Director:*

Kenneth Brandt, MD  
Indiana University Medical Center Dept of Medicine  
541 Clinical Dr Rm 492 Clinic Bldg  
Indianapolis, IN 46202-5103  
317 274-4225

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 150-17-21-110

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

Robert F Ashman, MD  
University of Iowa Hospitals and Clinics  
Dept of Internal Medicine  
200 Hawkins Dr  
Iowa City, IA 52242-1009  
319 356-2287

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 150-18-21-067

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Daniel J Stechschulte, MD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7317  
913 588-6008

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-19-21-080

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Rita M Egan, MD PhD  
University of Kentucky Medical Center  
J515  
Lexington, KY 40536-0284  
606 233-6700

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-20-21-140

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Eon N Harris, MD  
University of Louisville Dept of Medicine  
Ambulatory Care Bldg 3rd Fl  
Louisville, KY 40292  
502 852-5233

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-20-31-062

\* Updated information not provided.

## Louisiana

### New Orleans

#### **Alton Ochsner Medical Foundation Program**

Alton Ochsner Medical Foundation

*Program Director:*

Robert J Quinet, MD

Alton Ochsner Medical Foundation

Dept of Graduate Med Educ

1516 Jefferson Hwy

New Orleans, LA 70121

504 842-3920

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 150-21-22-106

#### **Louisiana State University Program**

Louisiana State University School of Medicine

Medical Center of Louisiana at New Orleans-LSU Division

Medical Center of Louisiana University Hospital Campus

*Program Director:*

Luis R Espinoza, MD

LSU Med Ctr

1542 Tulane Ave

Section of Rheumatology

New Orleans, LA 70112-2822

504 568-4630

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 150-21-21-037

### Shreveport

#### **Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

Overton Brooks Veterans Affairs Medical Center

*Program Director:*

Robert E Wolf, MD

Louisiana State University Medical Center Hospital

Med Educ (Rheumatology)

PO Box 33932

Shreveport, LA 71130-3932

318 675-5930

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 150-21-21-063

## Maryland

### Baltimore

#### **Johns Hopkins University Program**

Johns Hopkins University School of Medicine

Johns Hopkins Hospital

*Program Director:*

Fredrick M Wigley, MD

Johns Hopkins University

Div of Rheumatology

720 Rutland Ave 1059 Ross Bldg

Baltimore, MD 21205

410 955-3375

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 150-23-11-052

#### **University of Maryland Program**

University of Maryland Medical System

Veterans Affairs Medical Center (Baltimore)

*Program Director:*

Marc C Hochberg, MD

University of Maryland

419 W Redmond St Ste 620

Baltimore, MD 21201-1734

410 328-5888

*Length:* 2 Year(s) *Total Positions:* 1*Program ID:* 150-23-21-131

## Bethesda

#### **National Institutes of Health Clinical Center Program\***

NIH Warren Grant Magnuson Clinical Center

*Program Director:*

John H Klippel, MD

NIH Warren Grant Magnuson Clinical Center

Bldg 10 Rm 9-N-228

Bethesda, MD 20892

301 496-3374

*Length:* 2 Year(s) *Total Positions:* 5*Program ID:* 150-23-21-141

## Massachusetts

### Boston

#### **Boston University Program\***

Boston University School of Medicine

Boston City Hospital

Boston University Medical Center-University Hospital

Veterans Affairs Medical Center (Boston)

*Program Director:*

Alan S Cohen, MD

Boston University School of Medicine

80 E Concord St K5

Boston, MA 02118-2394

617 638-4310

*Length:* 2 Year(s) *Total Positions:* 4*Program ID:* 150-24-21-111

#### **Brigham and Women's Hospital Program**

Brigham and Women's Hospital

*Program Director:*

Ronald J Anderson, MD

Brigham and Women's Hospital Dept of Rheumatology

Admin B2

75 Francis St

Boston, MA 02115

617 732-5345

*Length:* 2 Year(s) *Total Positions:* 10*Program ID:* 150-24-21-004

#### **Massachusetts General Hospital Program\***

Massachusetts General Hospital

*Program Director:*

Stephen M Krane, MD

Massachusetts General Hospital

Fruit St

Boston, MA 02114

617 726-2870

*Length:* 2 Year(s)*Program ID:* 150-24-11-038

#### **New England Medical Center Hospitals Program**

New England Medical Center Hospitals

*Program Director:*

Allen C Steere, MD

New England Medical Center #406

750 Washington St

Boston, MA 02111

617 956-5789

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 150-24-21-005

## Worcester

#### **University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*

Robert B Zurier, MD

University of Massachusetts Medical Center

55 Lake Ave N

Worcester, MA 01655-0335

508 856-2146

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 150-24-21-006

## Michigan

### Ann Arbor

#### **University of Michigan Program**

University of Michigan Hospitals

*Program Director:*

David A Fox, MD

University of Michigan Hospitals

TC 3918P Box 0358

1500 E Medical Center Dr

Ann Arbor, MI 48109-0358

313 936-5566

*Length:* 2 Year(s) *Total Positions:* 7*Program ID:* 150-25-21-053

### Detroit

#### **Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Howard Duncan, MD

Henry Ford Hospital

2799 W Grand Blvd

Detroit, MI 48202

313 876-2643

*Length:* 2 Year(s) *Total Positions:* 3*Program ID:* 150-25-11-099

#### **Sinai Hospital Program**

Sinai Hospital

*Program Director:*

Samuel Indenbaum, MD

Sinai Hospital

Medical Staff Office

6767 W Outer Dr

Detroit, MI 48235-2899

313 493-5780

*Length:* 2 Year(s) *Total Positions:* 2*Program ID:* 150-25-11-135

#### **Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine

Detroit Receiving Hospital and University Health Center

Harper Hospital

Hutzel Hospital

Veterans Affairs Medical Center (Allen Park)

*Program Director:*

F R Fernandez-Madrid, MD PhD

Hutzel Hospital

4707 St Antoine

Detroit, MI 48201

313 577-1134

*Length:* 2 Year(s) *Total Positions:* 6*Program ID:* 150-25-21-030

\* Updated information not provided.

## Minnesota

### Minneapolis

#### Hennepin County Medical Center Program

Hennepin County Medical Center

*Program Director:*

Peter A Schlesinger, MD  
Hennepin County Medical Center  
701 Park Ave S  
Minneapolis, MN 55415-8110  
612 347-2704

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 150-26-31-073

#### University of Minnesota Program

University of Minnesota Medical School  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Ronald P Messner, MD  
Univ of Minnesota Hosp & Clin Dept of Med  
515 Delaware St SE  
14-154 Moos Tower  
Minneapolis, MN 55455  
612 625-1155

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 150-26-21-082

### Rochester

#### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Robert M Valente, MD  
MGSM Application Processing Center  
Siebens 5th Fl  
Mayo Graduate School of Medicine  
Rochester, MN 55905  
507 284-3126

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 150-26-21-032

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Sara E Walker, MD  
University of Missouri-Columbia  
Dept of Int Med One Hospital Dr  
MA427 Health Sciences Center  
Columbia, MO 65212  
314 443-2511

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 150-28-21-054

## St Louis

#### Barnes Hospital Group Program

Barnes Hospital

*Program Director:*

Sherry E Shuman, MD  
Washington University School of Medicine  
Rheumatology Box 8045  
660 S Euclid Ave  
St Louis, MO 63110  
314 362-7485

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 150-28-21-112

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital

*Program Director:*

Terry L Moore, MD  
St Louis University School of Medicine  
1402 S Grand Blvd  
R211A Doisy Hall  
St Louis, MO 63104-1028  
314 577-8467

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 150-28-21-064

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

William Rigby, MD  
Dartmouth-Hitchcock Medical Center  
Connective Tissue Disease Section  
One Medical Center Dr  
Lebanon, NH 03756-0001  
603 650-7700

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-32-21-107

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center

*Program Director:*

Antonio J Reginato, MD  
Carolyn R O'Connor, MD  
Cooper Hospital-University Medical Center  
Education and Research Bldg  
401 Haddon Ave  
Camden, NJ 08103  
609 757-4818

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-33-21-132

## Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
UMDNJ-University Hospital

*Program Director:*

Phoebe R Krey, MD  
UMDNJ-New Medical School  
Dept of Medicine  
185 S Orange Ave MSB I-594  
Newark, NJ 07103-2757  
201 982-4676

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-33-21-129

## Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital

*Program Director:*

Leonard H Sigal, MD  
UMDNJ-Robert Wood Johnson Medical School  
Division of Rheumatology  
One Robert Wood Johnson Pl  
New Brunswick, NJ 08903-0019  
908 235-7702

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-33-21-019

## South Orange

#### Seton Hall University School of Graduate Medical Education Program

Seton Hall University School of Graduate Medical Education  
St Joseph's Hospital and Medical Center  
St Michael's Medical Center (Cathedral Health Services Inc)

*Program Director:*

Randall S Krakauer, MD  
Seton Hall School of Graduate Medical Education  
St Michaels Medical Center  
306 King Blvd  
Newark, NJ 07102  
908 780-7650

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 150-33-11-113

## New Mexico

### Albuquerque

#### University of New Mexico Program\*

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Arthur D Bankhurst, MD  
University of New Mexico School of Medicine  
Dept of Internal Med  
2211 Lomas NE  
Albuquerque, NM 87131  
505 277-4761

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-34-21-100

\* Updated information not provided.

**New York****Albany****Albany Medical Center Program\***

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Richard Rynes, MD  
Dept of Medicine  
Div of Rheumatology A-100  
Albany Medical College  
Albany, NY 12208-3479  
518 445-5342

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-35-31-020

**Bronx****Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*

Anne Davidson, MD  
1300 Morris Park Ave  
Div of Rheumatology  
Rm U505  
Bronx, NY 10461  
718 430-4107

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 150-35-21-072

**Brooklyn****SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Ellen M Ginzler, MD  
SUNY Health Science Center at Brooklyn  
450 Clarkson Ave Box 42  
Brooklyn, NY 11203  
718 270-1662

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 150-35-21-009

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Floyd A Green, MD  
Dept of Medicine  
VA Medical Center  
3495 Bailey Ave  
Buffalo, NY 14215  
716 862-3641

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-35-31-007

**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Richard A Furie, MD  
Nicholas Chiorazzi, MD  
North Shore University Hospital  
Dept of Medicine  
Manhasset, NY 11030  
516 562-4392

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-35-21-121

**Mineola****Winthrop-University Hospital Program**

Winthrop-University Hospital  
Nassau County Medical Center

*Program Director:*

Steven E Carsons, MD  
Winthrop-University Hospital  
Rm 430  
222 Station Plaza N  
Mineola, NY 11501  
516 663-2097

*Length:* 2 Year(s) *Total Positions:* 3

**Program ID:** 150-35-21-142

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
Queens Hospital Center

*Program Director:*

Robert A Greenwald, MD  
Long Island Jewish Medical Center  
270-05 76th Ave  
New Hyde Park, NY 11040  
718 470-7251

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-35-21-101

**New York****Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
Mount Sinai Medical Center  
Queens Hospital Center

*Program Director:*

Harry Spiera, MD  
Mount Sinai Medical Center  
Annenberg 5 Rm 207-P  
One Gustave Levy Pl Box 1244  
New York, NY 10029-6574  
212 241-6792

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-35-31-114

**New York Hospital/Cornell Medical Center Program**

New York Hospital

*Program Director:*

Charles L Christian, MD  
New York Hospital  
525 E 68th St  
New York, NY 10021  
212 606-1328

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 150-35-21-122

**New York University Medical Center Program**

New York University Medical Center  
Bellevue Hospital Center  
Beth Israel Medical Center  
Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Gerald Weissmann, MD  
Steven Abramson, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-6403

*Length:* 2 Year(s) *Total Positions:* 10

**Program ID:** 150-35-21-083

**Presbyterian Hospital in the City of New York Program\***

Presbyterian Hospital in the City of New York

*Program Director:*

Leonard Chess, MD  
Presbyterian Hospital in the City of New York  
622 W 168th St  
New York, NY 10032  
212 305-3609

*Length:* 2 Year(s) *Total Positions:* 5

**Program ID:** 150-35-11-039

**St Luke's-Roosevelt Hospital Center (St Luke's) Program**

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*

Robert G Lahita, MD PhD  
St Luke's-Roosevelt Hospital Center  
1000 Tenth Ave  
New York, NY 10019  
212 523-6659

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 150-35-21-137

**Rochester****University of Rochester Program**

Strong Memorial Hospital of the University of Rochester  
Monroe Community Hospital

*Program Director:*

John P Leddy, MD  
Clinical Immunology/Rheumatology Unit  
University of Rochester Med Ctr  
601 Elmwood Ave Box 695  
Rochester, NY 14642-8695  
716 275-2891

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 150-35-11-127

**Stony Brook****SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Lee D Kaufman, MD  
Div of Allergy Rheumatology & Clinical Immunology  
SUNY Health Sciences Center  
T16-040  
Stony Brook, NY 11794-8161  
516 444-2272

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 150-35-21-010

\* Updated information not provided.

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at Syracuse  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*

Paul E Phillips, MD  
Dept of Medicine  
SUNY Health Science Center  
750 E Adams St  
Syracuse, NY 13210  
315 464-4194

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 150-35-21-074

## Valhalla

### New York Medical College (Cabrini) Program

New York Medical College  
Cabrini Medical Center

*Program Director:*

Girolamo Cuppari, MD  
Cabrini Medical Center  
227 E 19th St  
New York, NY 10003  
212 995-6686

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-35-31-068

### New York Medical College (Metropolitan) Program\*

New York Medical College  
Metropolitan Hospital Center  
Westchester County Medical Center

*Program Director:*

Arthur Weinstein, MD  
Kurt Altman, MD  
Metropolitan Hospital Center  
1901 First Ave  
New York, NY 10029  
212 230-6771

*Length:* 2 Year(s)  
**Program ID:** 150-35-21-189

### New York Medical College at Westchester County Medical Center Program\*

New York Medical College  
Franklin D Roosevelt Veterans Affairs Hospital  
Westchester County Medical Center

*Program Director:*

Arthur Weinstein, MD  
Div of Rheumatic Diseases and Immunology  
Vosburgh Pavilion  
New York Medical College  
Valhalla, NY 10595  
914 993-4444

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 150-35-11-040

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*

John B Winfield, MD  
University of North Carolina School of Medicine  
Div of Rheumatology & Immunology  
932 FLOB CB 7280  
Chapel Hill, NC 27599-7280  
919 966-4191

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 150-36-21-102

## Durham

### Duke University Program

Duke University Medical Center

*Program Director:*

Barton F Haynes, MD  
Duke University Medical Center  
Box 3258  
Durham, NC 27710  
919 684-5093

*Length:* 2 Year(s) *Total Positions:* 9  
**Program ID:** 150-36-21-103

## Winston-Salem

### Bowman Gray School of Medicine Program

North Carolina Baptist Hospital

*Program Director:*

Gary M Kammer, MD  
Bowman Gray School of Medicine  
Section on Rheumatology  
Medical Center Blvd  
Winston-Salem, NC 27157-1058  
910 716-4209

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 150-36-21-011

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Children's Hospital Medical Center  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Evelyn V Hess, MD  
University of Cincinnati  
Mail Location 0563  
231 Bethesda Ave  
Cincinnati, OH 45267-0563  
513 558-4701

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-38-21-055

## Cleveland

### Case Western Reserve University (MetroHealth) Program

MetroHealth Medical Center

*Program Director:*

Irving Kushner, MD  
MetroHealth Medical Center  
2500 MetroHealth Dr  
Cleveland, OH 44109-1988  
216 459-4874

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-38-11-116

### Case Western Reserve University Program

University Hospitals of Cleveland  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Roland W Moskowitz, MD  
University Hospitals of Cleveland  
Dept of Medicine/Rheumatology  
2074 Abington Rd  
Cleveland, OH 44106-5000  
216 844-3168

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 150-38-21-115

### Cleveland Clinic Foundation/St Vincent Charity Hospital Program

Cleveland Clinic Foundation

*Program Director:*

Brian F Mandell, MD PhD  
Cleveland Clinic Fnd  
9500 Euclid Ave TT32  
Dept of Rheumatology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 2 Year(s) *Total Positions:* 7  
**Program ID:** 150-38-12-117

## Columbus

### Ohio State University Program

Ohio State University Medical Center

*Program Director:*

N Paul Hudson, MD  
Ohio State University  
Davis Med Research Ctr  
480 W Ninth Ave  
Columbus, OH 43210  
614 293-8093

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 150-38-21-144

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City

University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Morris Reichlin, MD  
University of Oklahoma Health Sciences Center  
PO Box 26901  
OMRF Mail Stop #45 C-308  
Oklahoma City, OK 73190  
405 271-7766

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 150-39-21-056

\* Updated information not provided.

**Oregon****Portland****Oregon Health Sciences University Program\***

Oregon Health Sciences University Hospital  
Veterans Affairs Medical Center (Portland)

*Program Director:*

Robert M Bennett, MD  
Oregon Health Sciences University  
Dept of Medicine L329A  
Portland, OR 97201  
503 279-8963

*Length:* 2 Year(s)

*Program ID:* 150-40-31-118

**Pennsylvania****Danville****Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*

Thomas M Harrington, MD  
Geisinger Medical Center  
100 N Academy Ave  
Danville, PA 17821  
717 271-6416

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-41-11-104

**Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center  
Moss Rehabilitation Hospital

*Program Director:*

Mary E Moore, MD PhD  
Albert Einstein Medical Center  
Korman Bldg Rm 103  
Philadelphia, PA 19141-3098  
215 456-7380

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-41-11-033

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital

*Program Director:*

Vincent J Zarro, MD PhD  
Hahnemann University  
Broad & Vine Sts MS431  
Mail Stop 117  
Philadelphia, PA 19102-1192  
215 762-4920

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-41-21-034

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Bruce I Hoffman, MD  
Medical College of Pennsylvania  
3300 Henry Ave  
Philadelphia, PA 19129  
215 842-6449

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-41-21-084

**Temple University Program**

Temple University Hospital

*Program Director:*

Charles D Tourtellotte, MD  
Temple University Hospital Dept of Medicine  
3401 N Broad  
Philadelphia, PA 19140-5192  
215 221-3606

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-41-21-023

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital

*Program Director:*

Raphael J De Horatius, MD  
Thomas Jefferson University  
613 Curtis Bldg  
1015 Walnut St  
Philadelphia, PA 19107  
215 955-1419

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-41-21-024

**University of Pennsylvania Program\***

Hospital of the University of Pennsylvania

*Program Director:*

H Ralph Schumacher Jr, MD  
Hospital of the University of Pennsylvania  
3400 Spruce St 570 Maloney Bldg  
Philadelphia, PA 19104  
215 662-3681

*Length:* 2 Year(s) *Total Positions:* 5

*Program ID:* 150-41-21-015

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Thomas A Medsger Jr, MD  
Hosp of the Univ Hlth Ctr of Pittsburgh  
3550 Terrace St  
985 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9698

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 150-41-21-027

**Sayre****Guthrie Healthcare System Program**

Robert Packer Hospital

*Program Director:*

Robert M Michaels, MD  
Guthrie Healthcare System  
Guthrie Sq  
Sayre, PA 18840-1698  
717 888-6666

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-41-21-143

**Puerto Rico****Rio Piedras****San Juan City Hospital Program\***

San Juan City Hospital  
University Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Rodolfo Concepcion, MD  
Dept of Medicine San Juan Municipal Hospital  
Box 21405  
Puerto Rico Medical Center  
Rio Piedras, PR 00928  
809 765-5147

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-42-11-069

**San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
University Hospital

*Program Director:*

Esther N Gonzalez-Pares, MD  
University Hospital Dept of Medicine  
GPO Box 5067  
San Juan, PR 00936  
809 758-2525

*Length:* 2 Year(s)

*Program ID:* 150-42-21-085

**Rhode Island****Providence****Brown University (Roger Williams) Program**

Roger Williams Medical Center

Rhode Island Hospital  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Edward V Lally, MD  
Brown University  
825 Chalkstone Ave  
Box G-RWGH  
Providence, RI 02912  
401 456-2069

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 150-43-31-028

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

E Carwile LeRoy, MD  
Medical University of South Carolina  
Div of Rheumatology & Immunology  
171 Ashley Ave  
Charleston, SC 29425-2229  
803 792-2000

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 150-45-21-075

\* Updated information not provided.



## Tennessee

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Regional Medical Center at Memphis  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Arnold E Postlethwaite, MD  
University of Tennessee  
Dept of Medicine  
956 Court Ave Rm G326  
Memphis, TN 38163  
901 448-5774

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 150-47-21-105

### Nashville

#### Vanderbilt University Program\*

Vanderbilt University Medical Center  
St Thomas Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Theodore Pincus, MD  
Vanderbilt University Dept of Medicine  
21st & Garland  
Nashville, TN 37232  
615 322-4746

*Length:* 2 Year(s)  
*Program ID:* 150-47-31-012

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial  
Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

Peter E Lipsky, MD  
University of Texas Southwestern Medical Center  
5323 Harry Hines Blvd  
Dallas, TX 75235-8884  
214 648-9110

*Length:* 2 Year(s) *Total Positions:* 23  
*Program ID:* 150-48-21-070

### Houston

#### Baylor College of Medicine Program\*

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General  
Hospital

*Program Director:*

Donald M Marcus, MD  
Baylor College of Medicine-Texas Medical Center  
One Baylor Plaza  
Houston, TX 77030  
713 798-6015

*Length:* 2 Year(s)  
*Program ID:* 150-48-21-058

### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Frank C Arnett Jr, MD  
The University of Texas Houston Health Science Center  
Div of Rheumatology  
PO Box 20708  
Houston, TX 77225  
713 792-5900

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 150-48-31-130

### Lackland AFB

#### Wilford Hall USAF Medical Center Program

Wilford Hall USAF Medical Center (SG)

*Program Director:*

Lt Col Jay B Higgs, MD  
WHMC/PSMJ  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-7307

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 150-48-12-065

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San  
Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

Michael Fischbach, MD  
University of Texas Health Science Center  
Dept of Medicine/Rheumatology  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7874  
210 567-4658

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 150-48-21-041

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

H James Williams, MD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-4333

*Length:* 2 Year(s) *Total Positions:* 1  
*Program ID:* 150-49-21-119

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program\*

Medical Center Hospital of Vermont

*Program Director:*

Sheldon M Cooper, MD  
University of Vermont College of Medicine  
Dept of Medicine  
Given Bldg D-301  
Burlington, VT 05405-0001  
802 656-2144

*Length:* 2 Year(s) *Total Positions:* 1  
*Program ID:* 150-50-21-120

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Carolyn M Brunner, MD  
Univ of Virginia Health Sciences Ctr  
Dept of Med  
Div of Rheumatology Box 412  
Charlottesville, VA 22908  
804 824-5214

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 150-51-21-013

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth  
University

Medical College of Virginia Hospitals

*Program Director:*

Shaun Ruddy, MD  
Medical College of Virginia  
PO Box 980663  
Richmond, VA 23298-0663  
804 828-9685

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 150-51-21-014

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*

Mart Mannik, MD  
Div of Rheumatology  
Dept of Medicine RG-28  
University of Washington  
Seattle, WA 98195  
206 543-3414

*Length:* 2 Year(s) *Total Positions:* 5  
*Program ID:* 150-54-21-059

\* Updated information not provided.

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Frank M Graziano, MD PhD  
University of Wisconsin Clinical Science Center H6/368  
600 Highland Ave  
Madison, WI 53792-3244  
608 263-6186

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 150-56-21-087

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*

Mary E Cronin, MD  
Medical College of Wisconsin  
8700 W Wisconsin Ave  
Box 118  
Milwaukee, WI 53226  
414 257-6356

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 150-56-31-029

## Selective Pathology (Pathology-Anatomic and Clinical)

## California

### Los Angeles

#### Childrens Hospital of Los Angeles Program\*

Childrens Hospital of Los Angeles

*Program Director:*

Carl W Rettenmier, MD  
Childrens Hospital of Los Angeles  
4650 Sunset Blvd  
Los Angeles, CA 90027  
213 669-2426

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 301-05-21-001

## Colorado

### Denver

#### Children's Hospital Program

Children's Hospital

*Program Director:*

Edmund Orsini, MD  
Children's Hospital  
1056 E 19th Ave  
Denver, CO 80218  
303 861-6712

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 301-07-21-002

## Massachusetts

### Boston

#### Brigham and Women's Hospital Program\*

Brigham and Women's Hospital

*Program Director:*

Christopher Crum, MD  
Brigham & Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-7530

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 301-24-11-003

#### Children's Hospital Program

Children's Hospital  
Brigham and Women's Hospital

*Program Director:*

Ramzi S Cotran, MD  
Children's Hospital  
Dept of Pathology  
300 Longwood Ave  
Boston, MA 02115  
617 735-6547

*Length:* 1 Year(s) *Total Positions:* 5  
*Program ID:* 301-24-21-004

## New York

### Buffalo

#### Roswell Park Cancer Institute Program\*

Roswell Park Cancer Institute

*Program Director:*

John S J Brooks, MD  
666 Elm & Carlton St  
Buffalo, NY 14623-0000  
716 845-7700

*Length:* 1 Year(s) **3**  
*Program ID:* 301-35-31-016

### New York

#### Hospital for Joint Diseases Orthopaedic Institute Program

Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

German C Steiner, MD  
Hospital for Joint Diseases Orthopaedic Institute  
Dept of Pathology & Lab Medicine  
Bernard Aronson Pl 301 E 17th St  
New York, NY 10003  
212 598-6231

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 301-35-21-005

#### Memorial Sloan-Kettering Cancer Center Program

Memorial Sloan-Kettering Cancer Center

*Program Director:*

Juan Rosal, MD  
Memorial Sloan-Kettering Cancer Center  
1275 York Ave  
New York, NY 10021  
212 639-8410

*Length:* 1 Year(s) *Total Positions:* 20  
*Program ID:* 301-35-21-011

## Ohio

### Akron

#### Children's Hospital Medical Center of Akron/ NEOUCOM Program

Children's Hospital Medical Center of Akron

*Program Director:*

Dimitri P Agamanolis, MD  
Children's Hospital Medical Center of Akron  
Dept of Pathology  
One Perkins Sq  
Akron, OH 44308-1062  
216 379-8219

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 301-38-11-006

### Columbus

#### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital

*Program Director:*

Stephen J Qualman, MD  
Columbus Children's Hosp  
700 Children's Dr  
Columbus, OH 43205  
614 461-2310

*Length:* 2 Year(s) *Total Positions:* 2 (GYI: 1)  
*Program ID:* 301-38-21-007

\* Updated information not provided.

## Pennsylvania

### Philadelphia

#### Fox Chase Cancer Center Program\*

Fox Chase Cancer Center

*Program Director:*

Hernando Salazar, MD  
Div of Surgical Pathology  
Fox Chase Cancer Center  
7701 Burholme Ave  
Philadelphia, PA 19111  
215 728-3855

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 301-41-21-015

#### St Christopher's Hospital for Children Program\*

St Christopher's Hospital for Children

*Program Director:*

Jean-Pierre de Chadarevian, MD  
St Christopher's Hospital for Children  
Front and Erie Ave  
Philadelphia, PA 19134-1095  
215 427-5272

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 301-41-21-009

#### University of Pennsylvania Program

Children's Hospital of Philadelphia

*Program Director:*

C L Witzleben, MD  
Children's Hospital of Philadelphia Dept of Pathology  
34th St & Civic Center Blvd  
Philadelphia, PA 19104  
215 596-9573

*Length:* 1 Year(s) *(GYI: 0)*  
*Program ID:* 301-41-11-008

## Texas

### Houston

#### University of Texas M D Anderson Cancer Center Program

University of Texas M D Anderson Cancer Center

*Program Director:*

Elvio G Silva, MD  
University of Texas M D Anderson Cancer Center  
Dept of Pathology Box 85  
1515 Holcombe Blvd  
Houston, TX 77030  
713 792-3154

*Length:* 1 Year(s) *Total Positions:* 20  
*Program ID:* 301-48-21-010

### San Antonio

#### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Santa Rosa Health Care Corporation

*Program Director:*

Victor A Saldivar, MD  
Santa Rosa Hospital  
Selective Pathology  
519 W Houston St  
San Antonio, TX 78207-3108  
210 228-2306

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 301-48-11-012

## Sports Medicine (Orthopaedic Surgery)

## Alabama

### Birmingham

#### American Sports Medicine Institute Program

American Sports Medicine Institute

*Program Director:*

James R Andrews, MD  
American Sports Medicine Institute  
1313 13th St S  
Birmingham, AL 35205  
205 918

*Length:* 1 Year(s) *Total Positions:* 9  
*Program ID:* 268-01-31-026

#### University of Alabama Medical Center Program\*

University of Alabama Hospital  
Children's Hospital of Alabama

*Program Director:*

William P Garth, MD  
University of Alabama Birmingham Medical Center  
Director of Sports Medicine  
1600 7th Ave S Ste 402  
Birmingham, AL 35233  
205 934-1041

*Length:* 1 Year(s)  
*Program ID:* 268-01-21-024

## California

### Inglewood

#### Kerlan-Jobe Orthopaedic Clinic Program\*

Kerlan-Jobe Orthopaedic Clinic  
Centinela Hospital Medical Center

*Program Director:*

James E Tibone, MD  
Kerlan-Jobe Orthopaedic Clinic  
501 E Hardy St #200  
Inglewood, CA 90301  
310 674-5200

*Length:* 1 Year(s) *Total Positions:* 7  
*Program ID:* 268-05-21-030

### Long Beach

#### Long Beach Memorial Medical Center Program\*

Long Beach Memorial Medical Center  
Southern California Center for Sports Medicine

*Program Director:*

Douglas W Jackson, MD  
Memorial Medical Center  
2801 Atlantic Ave  
Long Beach, CA 90801  
310 424-6666

*Length:* 1 Year(s)  
*Program ID:* 268-05-21-013

## Van Nuys

#### Southern California Orthopaedic Institute Program\*

Southern California Orthopaedic Institute

*Program Director:*

Richard D Ferkel, MD  
Southern California Orthopaedic Institute  
6815 Noble St  
Van Nuys, CA 91405  
818 901-0355

*Length:* 1 Year(s)  
*Program ID:* 268-05-21-043

## Colorado

### Denver

#### University of Colorado Program\*

University of Colorado Health Sciences Center  
Orthopaedic Associates of Aspen and Glenwood

*Program Director:*

Robert E Hunter, MD  
Wayne K Gersoff, MD  
Orthopaedic Associates of Aspen & Glenwood  
100 E Main St #101  
Aspen, CO 81611  
303 925-4141

*Length:* 1 Year(s)  
*Program ID:* 268-07-21-035

### Vail

#### Steadman Hawkins Clinic Program

Steadman Hawkins Clinic  
Vail Valley Medical Center

*Program Director:*

Richard J Hawkins, MD FRCS C  
Steadman Hawkins Clinic  
Orthopaedic Surgery  
181 W Meadow Dr Ste 400  
Vail, CO 81657  
303 476-1100

*Length:* 1 Year(s) *Total Positions:* 5  
*Program ID:* 268-07-21-063

## Connecticut

### Farmington

#### University of Connecticut Program

University of Connecticut School of Medicine  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

John P Fulkerson, MD  
University of Connecticut  
263 Farmington Ave  
Farmington, CT 06034-4037  
203 679-6630

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 268-08-21-006

\* Updated information not provided.

**New Haven**

**Yale-New Haven Medical Center Program**

Yale-New Haven Hospital

*Program Director:*

Peter Jokl, MD

Yale Sports Medicine

240 Sargent Dr

New Haven, CT 06511

203 562-2836

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 268-08-21-012

**Florida**

**Gainesville**

**University of Florida Program**

University of Florida College of Medicine

Shands Hospital at the University of Florida

*Program Director:*

Peter A Indelicato, MD

University of Florida

Hampton Oaks Sports Medicine Center

Box 100241

Gainesville, FL 32610

904 395-0645

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 268-11-21-010

**Miami**

**University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center

Doctor's Hospital

*Program Director:*

John W Uribe, MD

Doctor's Hospital

5000 University Dr

Ste 3320

Coral Gables, FL 33146

305 669-3320

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 268-11-21-015

**Georgia**

**Columbus**

**Hughston Sports Medicine Foundation Program\***

Hughston Sports Medicine Foundation

Hughston Sports Medicine Hospital

*Program Director:*

Champ L Baker, MD

The Hughston Clinic PC

PO Box 9517

Columbus, GA 31908-9517

404 324-6661

*Length:* 1 Year(s) *Total Positions:* 6

**Program ID:** 268-12-21-046

**Illinois**

**Chicago**

**Rush Medical College Program\***

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Bernard R Bach Jr, MD

Rush-Presbyterian-St Luke's Medical Center

Sports Medicine Section

1725 W Harrison St Ste 439

Chicago, IL 60612

312 243-4244

*Length:* 1 Year(s) *Total Positions:*

**Program ID:** 268-16-31-064

**University of Chicago Program**

University of Chicago Hospitals

*Program Director:*

Bruce Reider, MD

University of Chicago Hospitals

5841 S Maryland MC3079

Chicago, IL 60637

312 702-6346

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 268-16-21-034

**Indiana**

**Indianapolis**

**Methodist Hospital of Indiana Program\***

Methodist Hospital of Indiana

*Program Director:*

K Donald Shelbourne, MD

Thomas A Brady Sports Medicine Clinic

1815 N Capitol Ave

Indianapolis, IN 46202

317 924-8636

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 268-17-21-003

**Kentucky**

**Lexington**

**University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center

*Program Director:*

David N Caborn, MD

University Hospital-Albert B Chandler Medical Center

The Kentucky Clinic Rm 429

Lexington, KY 40536-0284

606 323-3232

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 268-20-21-016

**Louisiana**

**New Orleans**

**Louisiana State University Program**

Louisiana State University School of Medicine

Lake Charles Memorial Hospital

Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

David Drez Jr, MD

Louisiana State University Medical Center

2025 Gravier Ste 400

New Orleans, LA 70112

318 494-4900

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 268-21-31-002

**Tulane University Program**

Tulane University School of Medicine

Tulane University Hospital and Clinics

*Program Director:*

Michael E Brunet, MD

Tulane Medical Center

Dept of Orthopaedics SL32

1430 Tulane Ave

New Orleans, LA 70112-2699

504 588-5807

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 268-21-21-020

**Maryland**

**Baltimore**

**Johns Hopkins University Program\***

Johns Hopkins University School of Medicine

Children's Hospital and Center for Reconstructive Surgery

Johns Hopkins Hospital

*Program Director:*

Edward G McFarland, MD

The Johns Hopkins University

3901 Greenspring Ave

#301

Baltimore, MD 21211

301 225-9300

*Length:* 1 Year(s)

**Program ID:** 268-23-21-029

**Union Memorial Hospital Program**

Union Memorial Hospital

*Program Director:*

Leslie S Matthews, MD

Union Memorial Hospital

Dept of Orthopaedic Surgery

3333 N Calvert Ste 400

Baltimore, MD 21218

410 554-2865

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 268-23-21-058

**Massachusetts**

**Boston**

**Harvard Medical School Program**

Massachusetts General Hospital

*Program Director:*

Bertram Zarins, MD

Massachusetts General Hospital

Sports Medicine Unit

15 Parkman St Ste 514

Boston, MA 02114

617 726-3421

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 268-24-31-049

\* Updated information not provided.

## Tufts University Program

New England Medical Center Hospitals

*Program Director:*

John C Richmond, MD

New England Medical Center Hospital

Dept of Orthopaedic Surgery

750 Washington St Box 189

Boston, MA 02111

617 956-6014

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 268-24-31-059

## Worcester

### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*

Arthur M Pappas, MD

University of Massachusetts Medical Center

Dept of Orthopaedic Surgery

55 Lake Ave N

Worcester, MA 01655

508 856-2171

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 268-24-31-047

## Michigan

### Detroit

### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine

Hutzel Hospital

*Program Director:*

Robert A Teitge, MD

Hutzel Hospital

Div of Sports Medicine

4050 E 12 Mile Rd

Warren, MI 48092

313 573-3100

*Length:* Year(s) *Total Positions:* 1

*Program ID:* 268-25-21-065

## Minnesota

### Minneapolis

### Minneapolis Sports Medicine Center Program

Minneapolis Sports Medicine Center

Abbott-Northwestern Hospital

Fairview Riverside Medical Center

*Program Director:*

David A Fischer, MD

Minneapolis Sports Medicine Center

Ste 400

701 25th Ave S

Minneapolis, MN 55454-1443

612 336-9491

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 268-26-21-048

## Missouri

### Kansas City

### University of Missouri at Kansas City Program\*

University of Missouri-Kansas City School of Medicine

Baptist Medical Center

St Luke's Hospital

Truman Medical Center-West

*Program Director:*

Jon E Browne, MD

Univ of Missouri at Kansas City Affiliated Hospitals

6675 Homes St Ste 400

Kansas City, MO 64108

816 444-8300

*Length:* 1 Year(s)

*Program ID:* 268-28-21-051

## New York

### New York

### Hospital for Joint Diseases Orthopaedic Institute Program\*

Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Mark I Pitman, MD

Hospital for Joint Diseases

Sports Medical Center

301 E 17th St

New York, NY 10003

212 598-6025

*Length:* 1 Year(s) *Total Positions:*

*Program ID:* 268-35-31-056

### Hospital for Special Surgery/Cornell Medical Center Program

Hospital for Special Surgery

*Program Director:*

Thomas L Wickiewicz, MD

The Hospital for Special Surgery

Sports Medicine/Shoulder Service

535 E 70th St

New York, NY 10021

212 606-1450

*Length:* 1 Year(s)

*Program ID:* 268-35-21-025

### Lenox Hill Hospital Program

Lenox Hill Hospital

*Program Director:*

James A Nicholas, MD

Lenox Hill Hospital

Dept of Orthopaedic Surgery

100 E 77th St

New York, NY 10021-1883

212 434-2345

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 268-35-11-004

### New York University Medical Center Program

New York University Medical Center

Bellevue Hospital Center

Hospital for Joint Diseases Orthopaedic Institute

*Program Director:*

Jeffrey Minkoff, MD

New York University Medical Center

550 1st Ave

New York, NY 10016

212 263-6391

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 268-35-21-005

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Kenneth E DeHaven, MD

Strong Memorial Hospital

Dept of Orthopedics

601 Elmwood Ave Box 665

Rochester, NY 14642

716 275-2970

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 268-35-21-060

## West Point

### Keller Army Community Hospital Program\*

Keller Army Community Hospital

*Program Director:*

Robert A Arciero, MD

Letterman Army Institute of Research

Military Trauma Research Div

Presidio of San Francisco, CA 94129-6800

415 561-5816

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 268-35-21-055

## Ohio

### Cincinnati

### Cincinnati Sportsmedicine and Orthopaedic Center Program

Cincinnati Sportsmedicine and Orthopaedic Center

*Program Director:*

Frank R Noyes, MD

Cincinnati Sportsmedicine and Orthopaedic Center

Deaconess Hospital

311 Straight St

Cincinnati, OH 45219

513 559-2818

*Length:* 1 Year(s) *Total Positions:* 6

*Program ID:* 268-38-21-041

### University of Cincinnati Hospital Group Program

Christ Hospital

University of Cincinnati College of Medicine

*Program Director:*

Robert S Heidt Jr, MD

The Christ Hospital

Bone & Joint Institute

2139 Auburn Ave

Cincinnati, OH 45219

513 369-2742

*Length:* 1 Year(s) *Total Positions:* 2

*Program ID:* 268-38-21-031

## Cleveland

### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

John A Bergfeld, MD

Cleveland Clinic Foundation

9500 Euclid Ave TT32

Dept of Ortho-Sports Medicine

Cleveland, OH 44195-5242

216 444-2618

*Length:* 1 Year(s) *Total Positions:* 3

*Program ID:* 268-38-21-028

**Columbus****Ohio State University Program**

Ohio State University Medical Center  
Riverside Methodist Hospitals

*Program Director:*

Christopher C Kaeding, MD  
The Ohio State University Hospital  
410 W 10th Ave  
N-839 Doan Hall  
Columbus, OH 43210  
614 293-8000

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 268-38-21-008

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City  
HCA Presbyterian Hospital

*Program Director:*

William A Grana, MD  
University of Oklahoma Health Sciences Center  
711 Stanton L Young Blvd  
Ste 310  
Oklahoma City, OK 73104  
405 232-4641

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 268-39-21-007

**Pennsylvania****Philadelphia****Graduate Hospital Program\***

Graduate Hospital

*Program Director:*

Vincent Di Stefano, MD  
Graduate Hospital  
Pepper Memorial Pavilion Ste 802  
One Graduate Plaza  
Philadelphia, PA 19146  
215 893-0132

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 268-41-21-014

**Temple University Program**

Temple University Hospital

*Program Director:*

Ray A Moyer, MD  
Temple University Hospital  
Dept of Orthopaedic Surgery  
Broad & Ontario Sts  
Philadelphia, PA 19140  
215 707-2111

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 268-41-21-040

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital  
Lankenau Hospital  
Pennsylvania Hospital

*Program Director:*

Phillip J Marone, MD  
838 Walnut St  
Philadelphia, PA 19107  
215 955-6212

*Length:* 1 Year(s) *Total Positions:* 38  
**Program ID:** 268-41-21-054

**University of Pennsylvania Program\***

Hospital of the University of Pennsylvania

*Program Director:*

Joseph S Torg, MD  
University of Pennsylvania  
3400 Spruce St  
Philadelphia, PA 19104  
215 662-4090

*Length:* 1 Year(s)  
**Program ID:** 268-41-21-009

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Freddie H Fu, MD  
Center for Sports Medicine & Rehabilitation  
Craig at Baum Blvd  
Pittsburgh, PA 15213  
412 578-3309

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 268-41-21-018

**Tennessee****Chattanooga****University of Tennessee College of Medicine at Chattanooga Program\***

University of Tennessee College of Medicine-Chattanooga  
Knoxville Orthopedic Clinic  
Erlanger Medical Center  
St Mary's Medical Center

*Program Director:*

William T Youmans, MD  
Knoxville Orthopaedic Clinic  
1128 Weisgarber Rd  
Knoxville, TN 37909  
615 558-4425

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 268-47-21-033

**Texas****Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Methodist Hospital

*Program Director:*

James R Bocell, MD  
Baylor College of Medicine  
Dept of Orthopaedic Surgery  
6550 Fannin Ste 2625  
Houston, TX 77030  
713 790-3711

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 268-48-31-027

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Diagnostic Center Hospital  
Hermann Hospital

*Program Director:*

James E Butler, MD  
Foundation for Orthopaedic Athletic & Reconstructive Res  
6410 Fannin #1100  
Houston, TX 77030  
713 799-2429

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 268-48-21-019

**San Antonio****University of Texas Health Science Center at San Antonio (Nix) Program**

University of Texas Medical School at San Antonio  
Nix Medical Center  
Southwest Texas Methodist Hospital  
St Luke's Lutheran Hospital

*Program Director:*

Jesse C DeLee, MD  
Huebner Medical Center  
9150 Huebner Rd  
San Antonio, TX 78240  
210 561-7099

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 268-48-21-042

**University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Orthopaedic Surgery and Athletic Medicine PA

*Program Director:*

Peter F Holmes, MD  
Orthopaedic Surgery and Athletic Medicine  
8042 Wurzbach Ste 540  
San Antonio, TX 78229  
210 615-1616

*Length:* 1 Year(s)  
**Program ID:** 268-48-21-032

**Utah****Murray****The Orthopedic Specialty Hospital Program**

The Orthopedic Specialty Hospital

*Program Director:*

Lonnie E Paulos, MD  
Thomas D Rosenberg, MD  
The Orthopedic Specialty Hospital  
5848 S 300 E  
Salt Lake City, UT 84107  
801 269-4100

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 268-49-31-011

**Salt Lake City****University of Utah Program**

University of Utah Medical Center

*Program Director:*

Robert T Burks, MD  
University of Utah Medical Center  
Dept of Orthopaedic Surgery  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7601

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 268-49-21-022

\* Updated information not provided.

## Virginia

### Arlington

#### Georgetown University Program\*

Arlington Hospital  
Nirschl Orthopedic Clinic

*Program Director:*

Robert P Nirschl, MD  
Nirschl Orthopedic Clinic  
Ste 504

1715 N George Mason Dr  
Arlington, VA 22205  
703 525-2200

*Length:* 1 Year(s)

*Program ID:* 268-51-21-062

### Richmond

#### Orthopaedic Research of Virginia Program\*

Orthopaedic Research of Virginia  
Tuckahoe Orthopaedic Associates

*Program Director:*

Richard B Caspari, MD  
Tuckahoe Orthopaedic Associates  
8919 Three Chopt Rd  
Richmond, VA 23229

804 346-1000

*Length:* 1 Year(s) *Total Positions:* 4

*Program ID:* 268-51-21-039

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

*Program Director:*

John F Orwin, MD  
University of Wisconsin Clinical Sciences Center  
600 Highland Ave  
G5/360

Madison, WI 53792-3228

608 263-5636

*Length:* 1 Year(s) *Total Positions:* 1

*Program ID:* 268-56-21-017

## Surgery-General

## Alabama

### Birmingham

#### Birmingham Baptist Medical Centers Program

Birmingham Baptist Medical Centers Inc.  
Birmingham Baptist Medical Center-Montclair  
Birmingham Baptist Medical Center-Princeton

*Program Director:*

Daniel K Lowe, MD  
Baptist Medical Centers  
840 Montclair Rd  
Suite 307  
Birmingham, AL 35213

205 599-3024

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 6)

*Program ID:* 440-01-21-020

#### Carraway Methodist Medical Center Program

Carraway Methodist Medical Center

*Program Director:*

Henry L Laws, MD  
Carraway Methodist Medical Center  
Office of Surgical Educ  
1600 Carraway Blvd  
Birmingham, AL 35234  
205 226-6230

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 5)

*Program ID:* 440-01-12-021

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Cooper Green Hospital  
Lloyd Noland Hospital and Health Centers  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Marshall M Urist, MD  
University of Alabama School of Medicine  
General Surgery Residency Prgm  
1922 Seventh Ave S 301 Kracke Bldg  
Birmingham, AL 35294-0016  
205 934-9600

*Length:* 5 Year(s) *Total Positions:* 47 (GYI: 14)

*Subspecialties:* PDS

*Program ID:* 440-01-21-022

### Mobile

#### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Arnold Lutherman, MD  
University of South Alabama Medical Center  
2451 Fillingim St  
719 Mastin Bldg  
Mobile, AL 36617  
334 471-7993

*Length:* 5 Year(s) *Total Positions:* 26 (GYI: 8)

*Program ID:* 440-01-11-024

## Arizona

### Phoenix

#### Good Samaritan Regional Medical Center Program

Good Samaritan Regional Medical Center  
Carl T Hayden Veterans Affairs Medical Center (Phoenix)  
Phoenix Indian Medical Center

*Program Director:*

H Harlan Stone, MD  
Phoenix Integrated Surgical Residency Program  
1300 N 12th St #522  
Phoenix, AZ 85006-2849  
602 239-2282

*Length:* 5 Year(s) *Total Positions:* 24 (GYI: 6)

*Program ID:* 440-03-22-026

#### Maricopa Medical Center Program

Maricopa Medical Center

*Program Director:*

James M Malone, MD  
Maricopa Medical Center  
Dept of Surgery  
PO Box 5099  
Phoenix, AZ 85010  
602 267-5371

*Length:* 5 Year(s) *Total Positions:* 26 (GYI: 9)

*Program ID:* 440-03-22-025

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
Tucson Medical Center  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*

Charles W Putnam, MD  
University of Arizona Health Science Center  
Dept of Surgery  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-7747

*Length:* 5 Year(s) *Total Positions:* 27 (GYI: 9)

*Subspecialties:* VS

*Program ID:* 440-03-21-027

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

Robert W Barnes, MD  
Univ of Arkansas for Medical Sciences  
4301 W Markham Slot 520  
Little Rock, AR 72205  
501 686-5610

*Length:* 5 Year(s) *Total Positions:* 29 (GYI: 10)

*Subspecialties:* PDS, VS

*Program ID:* 440-04-21-029

\* Updated information not provided.





## Santa Barbara

### Santa Barbara Cottage Hospital Program

Santa Barbara Cottage Hospital

*Program Director:*

George A Higgins, MD  
Santa Barbara Cottage Hospital  
PO Box 689  
Santa Barbara, CA 93102  
805 569-7316

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 6)

**Program ID: 440-05-12-053**

## Stanford

### Stanford University Program\*

Stanford University Hospital  
Kaiser Permanente Medical Center (Santa Clara)  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

John E Niederhuber, MD  
Stanford University Medical Center  
Div of General Surgery MSOBX 228  
300 Pasteur Dr  
Stanford, CA 94305-5101  
415 725-7280

*Length:* 5 Year(s) *Total Positions:* 50 (GYI: 20)

**Program ID: 440-05-12-054**

## Stockton

### San Joaquin General Hospital Program

San Joaquin General Hospital  
Stanislaus Medical Center

*Program Director:*

Nathaniel M Matolo, MD  
San Joaquin General Hospital  
PO Box 1020  
Stockton, CA 95201-1020  
209 468-6600

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 3)

**Program ID: 440-05-12-055**

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center  
St Mary Medical Center

*Program Director:*

Rodney A White, MD  
Harbor-Medical Center  
1000 W Carson St Box 25  
Torrance, CA 90509  
310 222-2700

*Length:* 5 Year(s) *Total Positions:* 37 (GYI: 10)

*Subspecialties:* VS

**Program ID: 440-05-21-056**

## Travis AFB

### David Grant USAF Medical Center Program

David Grant Medical Center

*Program Director:*

A Letch Kline, MD  
60th Medical Group/SGHS  
101 Bodin Circle  
Travis AFB, CA 94535-1800  
707 423-5180

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 6)

**Program ID: 440-05-31-001**

## Colorado

## Aurora

### Fitzsimons Army Medical Center Program

Fitzsimons Army Medical Center

*Program Director:*

Phillip L Mallory II, MD  
General Surgery Service  
Fitzsimons Army Medical Center  
Aurora, CO 80045-5001  
303 361-8235

*Length:* 5 Year(s) *Total Positions:* 17 (GYI: 9)

**Program ID: 440-07-12-006**

## Denver

### St Joseph Hospital Program

St Joseph Hospital

*Program Director:*

Jeffrey R Clark, MD  
St Joseph Hospital  
Surgery Education  
1835 Franklin St  
Denver, CO 80218-1191  
303 837-7295

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 12)

**Program ID: 440-07-22-057**

### University of Colorado Program

University of Colorado Health Sciences Center  
Denver Health and Hospitals  
Rose Medical Center  
Veterans Affairs Medical Center (Denver)

*Program Director:*

C Edward Hartford, MD  
University of Colorado Health Sciences Center  
4200 E Ninth Ave Campus Box C-302  
Denver, CO 80262  
303 270-7448

*Length:* 5 Year(s) *Total Positions:* 64 (GYI: 22)

*Subspecialties:* PDS

**Program ID: 440-07-21-058**

## Connecticut

## Bridgeport

### Bridgeport Hospital Program

Bridgeport Hospital

*Program Director:*

Marvin A McMillen, MD  
Bridgeport Hospital  
267 Grant St PO Box 5000  
Bridgeport, CT 06610-2870  
203 384-3111

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 4)

**Program ID: 440-08-21-059**

## Farmington

### University of Connecticut Program

University of Connecticut School of Medicine  
Hartford Hospital  
Mount Sinai Hospital  
New Britain General Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*

Steven T Ruby, MD  
University of Connecticut School of Medicine  
Dept of Surgery  
Farmington, CT 06030-3955  
203 679-3467

*Length:* 5 Year(s) *Total Positions:* 49 (GYI: 21)

*Subspecialties:* CCS

**Program ID: 440-08-21-390**

## New Haven

### Hospital of St Raphael Program

Hospital of St Raphael  
Griffin Hospital

*Program Director:*

Randolph B Reinhold, MD  
Hospital of Saint Raphael  
1450 Chapel St  
New Haven, CT 06511  
203 789-3501

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 8)

**Program ID: 440-08-21-063**

### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Bauer E Sumpio, MD PhD  
Yale Univ Schl of Med  
333 Cedar St  
New Haven, CT 06520-8047  
203 737-4366

*Length:* 5 Year(s) *Total Positions:* 38 (GYI: 18)

*Subspecialties:* CCS,PDS

**Program ID: 440-08-21-064**

## Waterbury

### St Mary's Hospital Program

St Mary's Hospital

*Program Director:*

V Timothy Shea Jr, MD  
St Mary's Hospital  
56 Franklin St  
Waterbury, CT 06706  
203 574-6314

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 3)

**Program ID: 440-08-31-065**

### Waterbury Hospital Health Center Program

Waterbury Hospital Health Center  
Yale-New Haven Hospital

*Program Director:*

Edward M Kwasnik, MD  
Waterbury Hospital Health Center  
64 Robbins St  
Waterbury, CT 06721  
203 573-7257

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID: 440-08-11-066**

\* Updated information not provided.

## Delaware

### Wilmington

#### The Medical Center of Delaware Program

The Medical Center of Delaware

*Program Director:*

Dennis J Hoelzer, MD  
Medical Center of Delaware  
Dept of Surgery Ste 128  
4745 Ogletown-Stanton Rd  
Newark, DE 19713  
302 731-9684

*Length:* 5 Year(s) *Total Positions:* 23 (GYI: 7)  
**Program ID:** 440-09-11-067

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital  
Holy Cross Hospital of Silver Spring  
Veterans Affairs Medical Center (Washington, DC)

*Program Director:*

Bruce A Orkin, MD  
Dept of Surgery  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 904-5573

*Length:* 6 Year(s) *Total Positions:* 39 (GYI: 13)  
**Program ID:** 440-10-21-069

#### Georgetown University Program

Georgetown University Hospital  
Arlington Hospital  
District of Columbia General Hospital  
Fairfax Hospital  
Veterans Affairs Medical Center (Washington, DC)

*Program Director:*

Russell J Nauta, MD  
Georgetown University Hospital  
Dept of Surgery  
3800 Reservoir Rd NW  
Washington, DC 20007  
202 687-3783

*Length:* 5 Year(s) *Total Positions:* 46 (GYI: 18)  
**Program ID:** 440-10-21-068

#### Howard University Program

Howard University Hospital  
District of Columbia General Hospital  
Greater Southeast Community Hospital  
Washington Hospital Center

*Program Director:*

LaSalle D Leffall Jr, MD  
Dept of Surgery 4B02  
Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1441

*Length:* 5 Year(s) *Total Positions:* 37 (GYI: 9)  
**Program ID:** 440-10-21-070

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

David P Jaques, MD  
Chief Department of Surgery  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-6908

*Length:* 5 Year(s) *Total Positions:* 27 (GYI: 8)  
*Subspecialties:* VS

**Program ID:** 440-10-11-007

#### Washington Hospital Center Program

Washington Hospital Center

*Program Director:*

John R Kirkpatrick, MD  
Washington Hospital Center  
110 Irving St NW  
Ste NAG-253  
Washington, DC 20010-2975  
202 877-6425

*Length:* 5 Year(s) *Total Positions:* 41 (GYI: 16)  
**Program ID:** 440-10-31-071

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)  
Veterans Affairs Medical Center (Lake City)

*Program Director:*

Timothy C Flynn, MD  
University Florida Dept of Surgery  
College of Medicine  
Box 100287  
Gainesville, FL 32610-0287  
904 395-0630

*Length:* 5 Year(s) *Total Positions:* 38 (GYI: 20)  
*Subspecialties:* VS

**Program ID:** 440-11-21-072

### Jacksonville

#### University of Florida Health Science Center/ Jacksonville Program

University Medical Center (UFHSC/J)

*Program Director:*

Joseph J Tepas III, MD  
Univ of Florida Health Science Center/Jacksonville  
655 W Eighth St  
Jacksonville, FL 32209  
904 549-3903

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 8)  
**Program ID:** 440-11-21-073

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Duane G Hutson, MD  
Univ of Miami-Jackson Mem Med Ctr c/o Maria Elias  
Dept of Surgery  
PO Box 016310  
Miami, FL 33101  
305 585-7102

*Length:* 5 Year(s) *Total Positions:* 54 (GYI: 24)  
*Subspecialties:* CCS

**Program ID:** 440-11-21-074

## Miami Beach

#### Mount Sinai Medical Center of Greater Miami Program

Mount Sinai Medical Center of Greater Miami  
Memorial Hospital  
University of Miami-Jackson Memorial Medical Center

*Program Director:*

Manuel Sivina, MD  
Mount Sinai Medical Center of Greater Miami  
4300 Alton Rd  
Suite 212-A  
Miami Beach, FL 33140  
305 674-2760

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 440-11-22-075

## Orlando

#### Orlando Regional Healthcare System Program

Orlando Regional Medical Center

*Program Director:*

Charles A Buerk, MD  
Orlando Regional Medical Center  
1414 Kuhl Ave  
Box 100  
Orlando, FL 32806  
407 841-5142

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 5)  
**Program ID:** 440-11-11-076

## Tampa

#### University of South Florida Program

University of South Florida College of Medicine  
James A Haley Veterans Hospital  
Tampa General Healthcare  
Veterans Affairs Medical Center (Bay Pines)

*Program Director:*

Peter J Fabri, MD  
Dept of Surgery  
University of South Florida  
12902 Bruce B Downs Blvd Box 16  
Tampa, FL 33612-4799  
813 972-7527

*Length:* 5 Year(s) *Total Positions:* 44 (GYI: 13)  
*Subspecialties:* VS

**Program ID:** 440-11-31-078

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Egleston Hospital for Children  
Piedmont Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

William C Wood, MD  
Emory University School of Medicine  
Glenn Memorial Bldg  
69 Butler St SE Rm #314  
Atlanta, GA 30303  
404 616-3551

*Length:* 5 Year(s) *Total Positions:* 69 (GYI: 14)  
*Subspecialties:* VS

**Program ID:** 440-12-21-079

\* Updated information not provided.

**Georgia Baptist Medical Center Program**

Georgia Baptist Medical Center  
*Program Director:*  
George W Lucas, MD  
Georgia Baptist Medical Center Dept of Med Educ Box 423  
303 Parkway Dr NE  
Box 423  
Atlanta, GA 30312  
404 265-4411  
*Length:* 5 Year(s) *Total Positions:* 17 (GYI: 6)  
*Program ID:* 440-12-22-080

**Morehouse School of Medicine Program**

Morehouse School of Medicine  
Grady Memorial Hospital  
The Medical Center Inc  
*Program Director:*  
Mark L Walker, MD  
Morehouse School of Medicine  
22 Piedmont Ave  
Piedmont Hall Ste 520  
Atlanta, GA 30335  
404 756-1310  
*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 8)  
*Program ID:* 440-12-21-397

**Augusta**

**Medical College of Georgia Program**

Medical College of Georgia Hospital and Clinics  
University Hospital  
Veterans Affairs Medical Center (Augusta)  
*Program Director:*  
Thomas R Gadacz, MD  
Medical College of Georgia  
Dept of Surgery  
1120 15th St  
Augusta, GA 30912-4000  
706 721-4651  
*Length:* 5 Year(s) *Total Positions:* 38 (GYI: 13)  
*Program ID:* 440-12-31-082

**Fort Gordon**

**Dwight David Eisenhower Army Medical Center Program**

Dwight David Eisenhower Army Medical Center  
*Program Director:*  
Col Manuel F Ramirez, MD  
Eisenhower Army Medical Center  
General Surgery Serv  
Dept of Surgery  
Fort Gordon, GA 30505-5650  
706 791-2121  
*Length:* 5 Year(s) *Total Positions:* 17 (GYI: 5)  
*Program ID:* 440-12-21-365

**Macon**

**Mercer University School of Medicine Program**

Medical Center of Central Georgia  
Veterans Affairs Medical Center (Dublin)  
*Program Director:*  
Martin L Dalton, MD  
Medical Center of Central Georgia  
777 Hemlock St  
PO Box 6000  
Macon, GA 31208-9982  
912 633-1367  
*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)  
*Program ID:* 440-12-21-083

**Savannah**

**Memorial Medical Center Program**

Memorial Medical Center  
*Program Director:*  
Carl R Boyd, MD  
Memorial Medical Center  
PO Box 22084  
Savannah, GA 31403-2084  
912 350-8598  
*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 6)  
*Program ID:* 440-12-31-084

**Hawaii**

**Honolulu**

**University of Hawaii Program**

University of Hawaii John A Burns School of Medicine  
Kaiser Foundation Hospital (Moanalua)  
Kapiolani Medical Center for Women and Children  
Kuakini Medical Center  
Queen's Medical Center  
St Francis Medical Center  
Straub Clinic and Hospital  
*Program Director:*  
Judson McNamara, MD  
University of Hawaii Integrated  
Surgical Residency Prgm  
1356 Lusitana St Rm 612  
Honolulu, HI 96813  
808 586-2924  
*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 12)  
*Subspecialties:* CCS  
*Program ID:* 440-14-21-085

**Tripler AMC**

**Tripler Army Medical Center Program**

Tripler Army Medical Center  
*Program Director:*  
Paul R Cordts, MD  
General Surgery Service  
Tripler Army Medical Center  
Honolulu, HI 96859-5000  
808 433-3436  
*Length:* 5 Year(s) *Total Positions:* 24 (GYI: 7)  
*Program ID:* 440-14-12-008

**Illinois**

**Chicago**

**Columbus Hospital Program**

Columbus Hospital  
*Program Director:*  
Mark M Connolly, MD  
Columbus Hospital  
Dept of Surgery  
2520 N Lakeview Ave  
Chicago, IL 60614  
312 883-6787  
*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 4)  
*Program ID:* 440-16-31-086

**McGaw Medical Center of Northwestern University Program**

Northwestern University Medical School  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)  
*Program Director:*  
David L Nahrwold, MD  
Northwestern University Medical School  
250 E Superior St Ste 201  
Chicago, IL 60611  
312 908-8060  
*Length:* 5 Year(s) *Total Positions:* 58 (GYI: 28)  
*Subspecialties:* PDS,VS  
*Program ID:* 440-16-21-091

**Rush Medical College Program\***

Rush-Presbyterian-St Luke's Medical Center  
EHS Christ Hospital and Medical Center  
*Program Director:*  
Richard A Prinz, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612-3864  
312 942-6379  
*Length:* 5 Year(s) *Total Positions:* 51 (GYI: 22)  
*Program ID:* 440-16-21-092

**University of Chicago Program**

University of Chicago Hospitals  
Lutheran General Hospital  
*Program Director:*  
Robert J Baker, MD  
University of Chicago Hospital  
5841 S Maryland Ave MC 5093  
Chicago, IL 60637-1470  
312 702-6337  
*Length:* 5 Year(s) *Total Positions:* 38 (GYI: 8)  
*Subspecialties:* PDS,VS  
*Program ID:* 440-16-11-094

**University of Illinois College of Medicine at Chicago Metropolitan Group Hospitals Program**

University of Illinois College of Medicine at Chicago  
Illinois Masonic Medical Center  
Mercy Hospital and Medical Center  
St Francis Hospital of Evanston  
*Program Director:*  
Yosef H Pilch, MD  
Metropolitan Group Hospitals  
836 W Wellington Ave  
Rm 4813  
Chicago, IL 60657-5193  
312 296-7093  
*Length:* 5 Year(s) *Total Positions:* 36 (GYI: 12)  
*Program ID:* 440-16-31-096

**University of Illinois College of Medicine at Chicago Program**

University of Illinois College of Medicine at Chicago  
EHS Christ Hospital and Medical Center  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)  
*Program Director:*  
Charles L Rice, MD  
University of Illinois at Chicago  
Dept of Surgery (M/C 958)  
820 S Wood St Rm 515 CSN  
Chicago, IL 60612-7322  
312 996-6765  
*Length:* 5 Year(s) *Total Positions:* 70 (GYI: 23)  
*Program ID:* 440-16-21-395

\* Updated information not provided.

**Maywood****Loyola University Program**

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital  
MacNeal Memorial Hospital  
Resurrection Medical Center

*Program Director:*  
William H Baker, MD  
Loyola University Medical Center  
Dept of Surgery  
2160 S First Ave  
Maywood, IL 60153  
708 216-9187

*Length:* 5 Year(s) *Total Positions:* 64 (GYI: 26)  
*Subspecialties:* VS  
**Program ID:** 440-16-21-099

**North Chicago****Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School  
Mount Sinai Hospital Medical Center of Chicago  
Veterans Affairs Medical Center (North Chicago)

*Program Director:*  
William Schumer, MD  
Finch Univ of Health Sciences/The Chicago Medical School  
Dept of Surgery  
California Ave at 15th St  
Chicago, IL 60608  
312 257-6464

*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 6)  
**Program ID:** 440-16-21-385

**Peoria****University of Illinois College of Medicine at Peoria Program**

University of Illinois College of Medicine at Peoria  
St Francis Medical Center

*Program Director:*  
Hugh V Firor, MD  
University of Illinois College of Medicine at Peoria  
Dept of Surgery  
420 NE Glen Oak Ste 302  
Peoria, IL 61603  
309 655-3971

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 3)  
**Program ID:** 440-16-21-101

**Springfield****Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*  
Alan G Birtch, MD  
Southern Illinois University School of Medicine  
PO Box 19230 Mail Code 1312  
800 N Rutledge  
Springfield, IL 62794-9230  
217 782-8874

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 8)  
*Subspecialties:* VS  
**Program ID:** 440-16-21-102

**Indiana****Indianapolis****Indiana University Medical Center Program**

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*  
Jay L Grosfeld, MD  
Indiana University Medical Center  
545 Barnhill Dr  
Indianapolis, IN 46202-5125  
317 274-4966

*Length:* 5 Year(s) *Total Positions:* 49 (GYI: 18)  
**Program ID:** 440-17-21-103

**Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*  
William W Turner Jr, MD  
Methodist Hospital of Indiana  
1633 N Capitol Ave Ste 650  
Indianapolis, IN 46202  
317 929-3248

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 5)  
**Program ID:** 440-17-11-104

**Iowa****Des Moines****Iowa Methodist Medical Center Program**

Iowa Methodist Medical Center  
Broadlawn Medical Center

*Program Director:*  
Donald W Moorman, MD  
Iowa Methodist Medical Center  
Dept of Surgery Educ  
1221 Pleasant St Ste 550  
Des Moines, IA 50309-1453  
515 241-4076

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 440-18-22-105

**Veterans Affairs Medical Center Program**

Veterans Affairs Medical Center (Des Moines)  
Mercy Hospital Medical Center

*Program Director:*  
Lester R Dragstedt II, MD  
Veterans Administration Medical Center  
Surgical Serv  
3600 30th St  
Des Moines, IA 50310-5774  
515 271-5826

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 7)  
**Program ID:** 440-18-11-106

**Iowa City****University of Iowa Hospitals and Clinics Program**

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*  
W John Sharp, MD  
University of Iowa Hospitals and Clinics  
Dept of Surgery  
Iowa City, IA 52242-1009  
319 356-1766

*Length:* 5 Year(s) *Total Positions:* 35 (GYI: 9)  
*Subspecialties:* VS  
**Program ID:** 440-18-21-107

**Kansas****Kansas City****University of Kansas Medical Center Program**

University of Kansas School of Medicine  
Dwight D Eisenhower Veterans Affairs Medical Center  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*  
Laurence Y Cheung, MD  
Univ of Kansas Medical Center  
39th & Rainbow Blvd  
Kansas City, KS 66160-7385  
913 588-6101

*Length:* 5 Year(s) *Total Positions:* 34 (GYI: 12)  
*Subspecialties:* VS  
**Program ID:** 440-19-21-108

**Wichita****University of Kansas (Wichita) Program**

University of Kansas School of Medicine (Wichita)  
St Francis Regional Medical Center  
Wesley Medical Center

*Program Director:*  
George J Farha, MD  
St Francis Regional Medical Center  
929 N St Francis  
Wichita, KS 67214-3882  
316 268-5990

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 6)  
**Program ID:** 440-19-21-387

**Kentucky****Lexington****University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*  
William E Strodel, MD  
University of Kentucky Dept of General Surgery  
800 Rose St  
Rm C224  
Lexington, KY 40536-0084  
606 323-6346

*Length:* 5 Year(s) *Total Positions:* 40 (GYI: 16)  
**Program ID:** 440-20-21-112

**Louisville****University of Louisville Program**

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*  
Hiram C Polk Jr, MD  
Dept of Surgery  
School of Medicine  
University of Louisville  
Louisville, KY 40292  
502 852-5442

*Length:* 5 Year(s) *Total Positions:* 44 (GYI: 16)  
*Subspecialties:* HSS  
**Program ID:** 440-20-21-113

\* Updated information not provided.

### Louisiana

#### New Orleans

##### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation  
Leonard J Chabert Medical Center

*Program Director:*

John C Bowen, MD  
Alton Ochsner Med Foundation  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4072

*Length: 5 Year(s) Total Positions: 34 (GYI: 9)*

*Subspecialties: VS*

**Program ID: 440-21-22-115**

##### Louisiana State University Program

Louisiana State University School of Medicine  
Earl K Long Medical Center  
Medical Center of Louisiana at New Orleans-LSU Division  
University Medical Center (Lafayette)  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*

J Patrick O'Leary, MD  
Louisiana State University Dept of Surgery  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4751

*Length: 5 Year(s) Total Positions: 61 (GYI: 29)*

*Subspecialties: VS*

**Program ID: 440-21-21-114**

##### Tulane University Program

Tulane University School of Medicine  
Huey P Long Regional Medical Center  
Medical Center of Louisiana at New Orleans-Tulane Division

Touro Infirmary  
Tulane University Hospital and Clinics

*Program Director:*

Lewis M Flint, MD  
Tulane University School of Medicine  
Dept of Surgery  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-1982

*Length: 5 Year(s) Total Positions: 58 (GYI: 21)*

**Program ID: 440-21-21-116**

#### Shreveport

##### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
E A Conway Medical Center  
Overton Brooks Veterans Affairs Medical Center  
Willis-Knighton Medical Center

*Program Director:*

John C McDonald, MD  
Louisiana State University Medical Center Hospital  
Medical Educ - Surgery  
1501 Kings Hwy PO Box 33993  
Shreveport, LA 71130-3932  
318 675-6100

*Length: 5 Year(s) Total Positions: 36 (GYI: 8)*

**Program ID: 440-21-21-117**

### Maine

#### Portland

##### Maine Medical Center Program

Maine Medical Center  
Mercy Hospital

*Program Director:*

Albert W Dibbins, MD  
Dept of Surgery  
Maine Medical Center  
22 Bramhall St  
Portland, ME 04102  
207 871-0111

*Length: 5 Year(s) Total Positions: 22 (GYI: 6)*

**Program ID: 440-22-21-119**

### Maryland

#### Baltimore

##### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital  
Sinai Hospital of Baltimore

*Program Director:*

John L Cameron, MD  
The Johns Hopkins Hospital  
720 Rutland Ave  
759 Ross Bldg  
Baltimore, MD 21205  
410 955-5166

*Length: 5 Year(s) Total Positions: 70 (GYI: 12)*

**Program ID: 440-23-21-392**

##### St Agnes Hospital of the City of Baltimore Program\*

St Agnes Hospital of the City of Baltimore

*Program Director:*

Michael A Zatina, MD  
St Agnes Hospital  
900 Caton Ave  
Baltimore, MD 21229  
410 368-2718

*Length: 5 Year(s) Total Positions: 21 (GYI: 7)*

**Program ID: 440-23-22-123**

##### Union Memorial Hospital Program

Union Memorial Hospital

*Program Director:*

James C A Fuchs, MD  
Union Memorial Hospital  
201 E University Pkwy  
Baltimore, MD 21218-2895  
410 554-2290

*Length: 5 Year(s) Total Positions: 20 (GYI: 8)*

*Subspecialties: HSS*

**Program ID: 440-23-21-127**

##### University of Maryland Program

University of Maryland Medical System  
Mercy Medical Center

*Program Director:*

William A Scovill, MD  
University of Maryland Medical System  
Dept of Surgery  
22 S Greene St  
Baltimore, MD 21201  
410 328-5877

*Length: 5 Year(s) Total Positions: 46 (GYI: 18)*

*Subspecialties: CCS*

**Program ID: 440-23-21-128**

### Bethesda

#### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)  
Washington Hospital Center

*Program Director:*

Bimal C Ghosh, MD  
Dept of General Surgery  
National Naval Medical Center  
8901 Wisconsin Ave  
Bethesda, MD 20889-5600  
301 295-4434

*Length: 5 Year(s) Total Positions: 28 (GYI: 15)*

**Program ID: 440-23-21-014**

### Massachusetts

#### Boston

##### Beth Israel Hospital Program

Beth Israel Hospital

*Program Director:*

Robert Johnson, MD  
Beth Israel Hospital  
330 Brookline Ave  
Boston, MA 02215  
617 735-3289

*Length: 5 Year(s) Total Positions: 28 (GYI: 10)*

**Program ID: 440-24-11-130**

##### Boston University Program

Boston University Medical Center-University Hospital  
Boston City Hospital  
Brockton Hospital  
Carney Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*

James M Becker, MD  
Boston University Prgm  
88 E Newton St D-506  
Boston, MA 02118-2393  
617 638-8441

*Length: 5 Year(s) Total Positions: 43 (GYI: 17)*

*Subspecialties: CCS,GS,VS*

**Program ID: 440-24-21-131**

##### Brigham and Women's Hospital Program

Brigham and Women's Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center

*Program Director:*

Robert Osteen, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-6861

*Length: 5 Year(s) Total Positions: 40 (GYI: 13)*

*Subspecialties: VS*

**Program ID: 440-24-21-135**

##### Massachusetts General Hospital Program

Massachusetts General Hospital

*Program Director:*

Leslie W Ottinger, MD  
Massachusetts General Hospital  
Fruit St  
Boston, MA 02114  
617 726-2800

*Length: 5 Year(s) Total Positions: 40 (GYI: 10)*

*Subspecialties: VS*

**Program ID: 440-24-31-132**

\* Updated information not provided.

**New England Deaconess Hospital/Harvard Medical School Program**

New England Deaconess Hospital  
Faulkner Hospital  
Mount Auburn Hospital  
Veterans Affairs Medical Center (Manchester)

*Program Director:*  
Albert Bothe Jr, MD  
New England Deaconess Hospital  
One Deaconess Rd  
Boston, MA 02215  
617 632-9774  
*Length:* 5 Year(s) *Total Positions:* 38 (GYI: 12)  
*Subspecialties:* VS  
**Program ID:** 440-24-21-133

**New England Medical Center Hospitals Program**

New England Medical Center Hospitals  
Faulkner Hospital  
Newton-Wellesley Hospital  
Veterans Affairs Medical Center (Boston)

*Program Director:*  
Thomas F O'Donnell Jr, MD  
New England Medical Center Box 259  
750 Washington St  
Boston, MA 02111  
617 956-5660  
*Length:* 5 Year(s) *Total Positions:* 31 (GYI: 13)  
*Subspecialties:* VS  
**Program ID:** 440-24-21-134

**St Elizabeth's Medical Center of Boston Program**

St Elizabeth's Medical Center of Boston  
Cardinal Cushing General Hospital

*Program Director:*  
James G Petros, MD  
St Elizabeth's Medical Center of Boston  
736 Cambridge St  
Boston, MA 02135  
617 789-2990  
*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID:** 440-24-21-136

**Burlington****Lahey Clinic Foundation Program**

Lahey Clinic

*Program Director:*  
John W Braasch, MD  
Lahey Clinic Medical Center  
Dept of General Surgery  
41 Mall Rd  
Burlington, MA 01805  
617 564-5421  
*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 4)  
**Program ID:** 440-24-21-401

**Pittsfield****Berkshire Medical Center Program**

Berkshire Medical Center

*Program Director:*  
Parvis J Sadighi, MD  
Dept of Surgery  
Berkshire Medical Center  
Pittsfield, MA 01201  
413 447-2741  
*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 5)  
**Program ID:** 440-24-31-137

**Springfield****Baystate Medical Center Program**

Baystate Medical Center

*Program Director:*  
Paul Friedmann, MD  
Baystate Medical Center  
Dept of Surgery  
759 Chestnut St  
Springfield, MA 01199  
413 784-5161  
*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 8)  
**Program ID:** 440-24-11-138

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
Medical Center of Central Massachusetts  
St Vincent Hospital

*Program Director:*  
Wayne E Silva, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-3533  
*Length:* 5 Year(s) *Total Positions:* 46 (GYI: 16)  
*Subspecialties:* VS  
**Program ID:** 440-24-21-139

**Michigan****Ann Arbor****St Joseph Mercy Hospital Program**

St Joseph Mercy Hospital (Catherine McAuley Health System)

*Program Director:*  
Verne L Hoshal Jr, MD  
St Joseph Mercy Hospital  
5301 E Huron River Dr RHB-2111  
PO Box 995  
Ann Arbor, MI 48106  
313 712-3969  
*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID:** 440-25-11-140

**University of Michigan Program**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
Lazar J Greenfield, MD  
University of Michigan Hospitals  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0342  
313 936-5733  
*Length:* 5 Year(s) *Total Positions:* 39 (GYI: 11)  
*Subspecialties:* CCS,VS  
**Program ID:** 440-25-21-141

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*  
Frank R Lewis, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202-2689  
313 876-3152  
*Length:* 5 Year(s) *Total Positions:* 36 (GYI: 10)  
*Subspecialties:* CCS,VS  
**Program ID:** 440-25-12-143

**Sinai Hospital Program**

Sinai Hospital

*Program Director:*  
Murray G Kling, MD  
Sinai Hospital  
6767 W Outer Dr  
Detroit, MI 48235-2899  
313 493-5770  
*Length:* 5 Year(s) *Total Positions:* 16 (GYI: 6)  
**Program ID:** 440-25-11-146

**St John Hospital and Medical Center Program**

St John Hospital and Medical Center

*Program Director:*  
Larry R Lloyd, MD  
St John Hospital and Medical Center  
Department of Medical Education  
22101 Moross Rd  
Detroit, MI 48236  
313 343-3875  
*Length:* 5 Year(s) *Total Positions:* 24 (GYI: 6)  
**Program ID:** 440-25-11-145

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Grace Hospital  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*  
David Fromm, MD  
University Health Center 6C  
Dept of Surgery  
4201 St Antoine  
Detroit, MI 48201  
313 745-8778  
*Length:* 5 Year(s) *Total Positions:* 56 (GYI: 18)  
*Subspecialties:* VS  
**Program ID:** 440-25-21-148

**East Lansing****Michigan State University Program**

Michigan State University College of Human Medicine  
McLaren Regional Medical Center  
Michigan Capital Medical Center  
Sparrow Hospital  
St Lawrence Hospital and HealthCare Services

*Program Director:*  
Richard E Dean, MD  
Michigan State University Dept of Surgery  
B-424 Clinical Ctr  
East Lansing, MI 48824-1315  
517 353-8730  
*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 440-25-21-386

**Grand Rapids****Blodgett Memorial Medical Center/St Mary's Health Services Program**

Blodgett Memorial Medical Center  
St Mary's Health Services

*Program Director:*  
William J Passinault, MD  
St Mary's Health Services  
Medical Education Office  
200 Jefferson  
Grand Rapids, MI 49503  
616 774-6742  
*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 5)  
**Program ID:** 440-25-11-152

\* Updated information not provided.

**Butterworth Hospital/Michigan State University Program**

Butterworth Hospital  
*Program Director:*  
 Donald J Scholten, MD  
 Center for Surgical Education  
 221 Michigan NE  
 Ste 200  
 Grand Rapids, MI 49503  
 616 774-1691  
*Length:* 5 Year(s) *Total Positions:* 23 (GYI: 8)  
**Program ID: 440-25-31-153**

**Kalamazoo**

**Kalamazoo Center for Medical Studies/Michigan State University Program**

Kalamazoo Center for Medical Studies  
 Borgess Medical Center  
 Bronson Methodist Hospital  
*Program Director:*  
 Duane T Freier, MD  
 Michigan State Univ Kalamazoo Ctr for Med Studies  
 1000 Oakland Dr  
 Kalamazoo, MI 49008  
 616 337-6260  
*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 4)  
**Program ID: 440-25-21-400**

**Pontiac**

**North Oakland Medical Center Program**

North Oakland Medical Centers  
*Program Director:*  
 Yvan J Silva, MD  
 North Oakland Medical Centers  
 461 W Huron  
 Pontiac, MI 48341  
 810 857-7314  
*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID: 440-25-11-156**

**St Joseph Mercy Hospital Program**

St Joseph Mercy Community HealthCare System  
*Program Director:*  
 Allen Silbergleit, MD PhD  
 St Joseph Mercy Hospital  
 900 Woodward Ave  
 Pontiac, MI 48341-2985  
 313 858-3234  
*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 4)  
**Program ID: 440-25-11-157**

**Royal Oak**

**William Beaumont Hospital Program**

William Beaumont Hospital  
 William Beaumont Hospital-Troy  
*Program Director:*  
 John L Glover, MD  
 William Beaumont Hospital  
 3601 W 13 Mile Rd  
 Royal Oak, MI 48073-6769  
 810 551-0403  
*Length:* 6 Year(s) *Total Positions:* 30 (GYI: 8)  
**Program ID: 440-25-12-158**

**Saginaw**

**Saginaw Cooperative Hospitals Program**

Saginaw Cooperative Hospitals Inc  
 Saginaw General Hospital  
 St Luke's Hospital  
 St Mary's Medical Center  
*Program Director:*  
 James C Gruenberg, MD  
 Saginaw Cooperative Hospitals  
 1000 Houghton  
 Ste 6000  
 Saginaw, MI 48602  
 517 771-6827  
*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID: 440-25-21-159**

**Southfield**

**Providence Hospital Program**

Providence Hospital  
 Samaritan Health Center  
*Program Director:*  
 Shun C Young, MD  
 Providence Hospital  
 Med Educ  
 16001 W Nine Mile Rd  
 Southfield, MI 48075  
 810 424-3073  
*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 10)  
**Program ID: 440-25-21-160**

**Minnesota**

**Minneapolis**

**Hennepin County Medical Center Program**

Hennepin County Medical Center  
*Program Director:*  
 Donald M Jacobs, MD  
 Hennepin County Medical Center  
 701 Park Ave  
 Minneapolis, MN 55415  
 612 347-2810  
*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 10)  
**Program ID: 440-26-11-161**

**University of Minnesota Program**

University of Minnesota Medical School  
 North Memorial Medical Center  
 St Paul-Ramsey Medical Center  
 University of Minnesota Hospital and Clinic  
 Veterans Affairs Medical Center (Minneapolis)  
*Program Director:*  
 John Najarian, MD  
 Univ of Minnesota Phillips-Wangensteen Bldg  
 Dept of Surgery  
 516 Delaware St SE Box 195  
 Minneapolis, MN 55455-0392  
 612 626-8444  
*Length:* 5 Year(s) *Total Positions:* 112 (GYI: 22)  
*Subspecialties:* CCS  
**Program ID: 440-26-31-162**

**Rochester**

**Mayo Graduate School of Medicine (Scottsdale) Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Scottsdale)  
 Scottsdale Memorial Hospital-North  
*Program Director:*  
 Keith A Kelly, MD  
 Dept of Surgery  
 Mayo Clinic Scottsdale  
 13400 E Shea Blvd  
 Scottsdale, AZ 85259  
 602 391-8000  
*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 4)  
**Program ID: 440-03-21-402**

**Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
 Mayo Clinic (Rochester)  
 Rochester Methodist Hospital  
 St Mary's Hospital of Rochester  
*Program Director:*  
 David M Nagorney, MD  
 MGSM Application Processing Center  
 Mayo Graduate School of Medicine  
 200 First St SW  
 Rochester, MN 55905  
 507 284-8240  
*Length:* 5 Year(s) *Total Positions:* 62 (GYI: 22)  
*Subspecialties:* CCS,VS  
**Program ID: 440-26-21-163**

**Mississippi**

**Jackson**

**University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
 University Hospital  
 Veterans Affairs Medical Center (Jackson)  
*Program Director:*  
 Robert S Rhodes, MD  
 University of Mississippi Medical Center  
 2500 N State St  
 Jackson, MS 39216-4505  
 601 984-5102  
*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 6)  
**Program ID: 440-27-21-165**

**Keesler AFB**

**Keesler Medical Center Program**

Keesler Medical Center  
 Veterans Affairs Medical Center (Biloxi)  
*Program Director:*  
 Lt Col James E Foster II, MD  
 AETC 81ST MDG/SGHS  
 301 Fisher St Ste 204  
 Keesler AFB, MS 39534-2527  
 601 377-6558  
*Length:* 5 Year(s) *Total Positions:* 26 (GYI: 8)  
**Program ID: 440-27-31-002**

\* Updated information not provided.

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Michael H Metzler, MD  
University Missouri Hospital and Clinics  
Div of General Surgery N923  
One Hospital Dr  
Columbia, MO 65212  
314 882-2245

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 5)

*Subspecialties:* VS

*Program ID:* 440-28-21-166

### Kansas City

#### University of Missouri at Kansas City (St Luke's) Program\*

St Luke's Hospital  
Truman Medical Center-West

*Program Director:*

Charles W Van Way, MD  
St Luke's Hospital  
44th & Wornall Rd  
Kansas City, MO 64111  
816 932-3577

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 4)

*Program ID:* 440-28-11-169

#### University of Missouri at Kansas City Program

University of Missouri-Kansas City School of Medicine  
Truman Medical Center-West

*Program Director:*

L Beaty Pemberton, MD  
UMKC Department of Surgery  
2301 Holmes St  
Kansas City, MO 64108  
816 556-3505

*Length:* 5 Year(s) *Total Positions:* 31 (GYI: 10)

*Program ID:* 440-28-21-168

### St Louis

#### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St John's Mercy Medical Center  
St Louis University Hospital  
St Mary's Health Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Donald L Kaminski, MD  
St Louis University School of Medicine  
3635 Vista Ave at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8353

*Length:* 5 Year(s) *Total Positions:* 27 (GYI: 11)

*Subspecialties:* CCS, PDS, VS

*Program ID:* 440-28-21-171

### Washington University Program

Barnes Hospital  
Jewish Hospital of St Louis  
St Louis Regional Medical Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Samuel A Wells Jr, MD  
Washington Univ School of Medicine  
10th Fl Wohl Hospital Box 8109  
660 S Euclid Ave  
St Louis, MO 63110  
314 362-8020

*Length:* 5 Year(s) *Total Positions:* 73 (GYI: 27)

*Subspecialties:* VS

*Program ID:* 440-28-21-388

## Nebraska

### Omaha

#### Creighton University Program

Creighton/Nebraska University Health Foundation  
AMI St Joseph Hospital at Creighton Univ Medical Center  
Veterans Affairs Medical Center (Lincoln)  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

Ronald A Hinder, MD  
Creighton University Dept of Surgery  
601 N 30th St  
Ste 3740  
Omaha, NE 68131  
402 280-4090

*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 8)

*Program ID:* 440-30-31-175

#### University of Nebraska Program

University of Nebraska Medical Center  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

James A Edney, MD  
University of Nebraska Medical Center  
600 S 42nd St  
Omaha, NE 68198-3280  
402 559-7272

*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 10)

*Program ID:* 440-30-21-176

## Nevada

### Reno

#### University of Nevada Program

University of Nevada School of Medicine  
University Medical Center of Southern Nevada  
Ioannis A Lougaris Veterans Affairs Medical Center

*Program Director:*

Alex G Little, MD  
University of Nevada Dept of Surgery  
2040 W Charleston Blvd Ste 601  
Las Vegas, NV 89102  
702 385-1980

*Length:* 5 Year(s) *Total Positions:* 16 (GYI: 3)

*Program ID:* 440-31-21-378

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Robert W Crichlow, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756  
603 650-7400

*Length:* 5 Year(s) *Total Positions:* 33 (GYI: 12)

*Subspecialties:* VS

*Program ID:* 440-32-21-177

## New Jersey

### Camden

#### UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Cooper Hospital-University Medical Center

*Program Director:*

Thomas V Whalen, MD  
Cooper Hospital-University Medical Center  
Three Cooper Plaza Ste 411  
Camden, NJ 08103  
609 342-3012

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 3)

*Subspecialties:* CCS

*Program ID:* 440-33-21-179

### Livingston

#### St Barnabas Medical Center Program

St Barnabas Medical Center

*Program Director:*

Francis C Nance, MD  
St Barnabas Medical Center  
94 Old Short Hills Rd  
Livingston, NJ 07039-9990  
201 583-8945

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 8)

*Program ID:* 440-33-22-181

### Long Branch

#### Monmouth Medical Center Program

Monmouth Medical Center  
Jersey Shore Medical Center

*Program Director:*

Charles Sills, MD  
Monmouth Medical Center  
300 Second Ave  
Long Branch, NJ 07740  
908 870-5520

*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 7)

*Program ID:* 440-33-21-182

### Morristown

#### Morristown Memorial Hospital Program

Morristown Memorial Hospital

*Program Director:*

Ames L Filippone Jr, MD  
Morristown Memorial Hospital  
100 Madison Ave  
PO Box 1956  
Morristown, NJ 07962-1956  
201 971-5678

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 6)

*Program ID:* 440-33-11-183

\* Updated information not provided.



**Newark**

**UMDNJ-New Jersey Medical School Program**

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Hackensack Medical Center  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

**Program Director:**  
Edwin A Deitch, MD  
UMDNJ-New Jersey Med Sch Med Sci Bldg  
185 S Orange Ave MSB-G506  
Dept of Surgery  
Newark, NJ 07103-3000  
201 456-5045

**Length:** 5 Year(s) **Total Positions:** 64 **(GYI: 25)**  
**Subspecialties:** VS  
**Program ID:** 440-93-21-184

**Piscataway**

**UMDNJ-Robert Wood Johnson Medical School Program**

UMDNJ-Robert Wood Johnson Medical School  
Medical Center at Princeton  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

**Program Director:**  
Ralph S Greco, MD  
UMDNJ-Robert Wood Johnson Medical School  
Dept of Surgery  
One Robert Wood Johnson Pl CN-19  
New Brunswick, NJ 08903-0019  
908 235-7674

**Length:** 5 Year(s) **Total Positions:** 32 **(GYI: 10)**  
**Subspecialties:** VS  
**Program ID:** 440-93-21-187

**Trenton**

**St Francis Medical Center Program**

St Francis Medical Center

**Program Director:**  
Francis John Cottone, MD  
St Francis Medical Center  
Dept of Surgery Rm B154  
601 Hamilton Ave  
Trenton, NJ 08629  
609 599-5062

**Length:** 5 Year(s) **Total Positions:** 12 **(GYI: 4)**  
**Program ID:** 440-93-31-189

**New Mexico**

**Albuquerque**

**University of New Mexico Program**

University of New Mexico School of Medicine  
Lovelace Medical Center  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

**Program Director:**  
Donald E Fry, MD  
University of New Mexico School of Medicine  
Dept of Surgery  
2211 Lomas Blvd NE  
Albuquerque, NM 87131-5341  
505 272-4151

**Length:** 5 Year(s) **Total Positions:** 27 **(GYI: 8)**  
**Program ID:** 440-34-21-190

**New York**

**Albany**

**Albany Medical Center Program**

Albany Medical Center Hospital  
St Peter's Hospital  
Veterans Affairs Medical Center (Albany)

**Program Director:**  
Dhiraj M Shah, MD  
Albany Medical College A-61  
Dept of Surgery  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 262-5905

**Length:** 5 Year(s) **Total Positions:** 27 **(GYI: 7)**  
**Subspecialties:** VS  
**Program ID:** 440-35-21-191

**Bronx**

**Albert Einstein College of Medicine Program**

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

**Program Director:**  
George W Machiedo, MD  
Montefiore Medical Center  
111 E 210th St  
Bronx, NY 10467  
718 920-6286

**Length:** 5 Year(s) **Total Positions:** 60 **(GYI: 27)**  
**Subspecialties:** VS  
**Program ID:** 440-35-21-202

**Bronx-Lebanon Hospital Center Program**

Bronx-Lebanon Hospital Center

**Program Director:**  
Paul H Gerst, MD  
Bronx-Lebanon Hospital Center  
1650 Grand Concourse  
Bronx, NY 10457  
718 588-5330

**Length:** 5 Year(s) **Total Positions:** 30 **(GYI: 10)**  
**Program ID:** 440-35-11-206

**Brooklyn**

**Brookdale Hospital Medical Center Program**

Brookdale Hospital Medical Center

**Program Director:**  
Gerald W Shafter, MD  
Brookdale Hospital Medical Center  
Dept of Surgical Serv  
1 Brookdale Plaza  
Brooklyn, NY 11212-3198  
718 240-6386

**Length:** 5 Year(s) **Total Positions:** 25 **(GYI: 8)**  
**Program ID:** 440-35-21-207

**Brooklyn Hospital Center Program**

Brooklyn Hospital Center

**Program Director:**  
Jose R Marti, MD  
Brooklyn Hospital Center  
Dept of Surgery  
121 DeKalb Ave  
Brooklyn, NY 11201  
718 250-6920

**Length:** 5 Year(s) **Total Positions:** 30 **(GYI: 10)**  
**Program ID:** 440-35-31-208

**Maimonides Medical Center Program**

Maimonides Medical Center  
Coney Island Hospital  
Lutheran Medical Center

**Program Director:**  
Joseph N Cunningham, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7687

**Length:** 5 Year(s) **Total Positions:** 45 **(GYI: 15)**  
**Subspecialties:** VS  
**Program ID:** 440-35-21-221

**New York Methodist Hospital Program**

New York Methodist Hospital

**Program Director:**  
Leslie Wise, MD  
New York Methodist Hospital  
506 Sixth St  
Buckley 6  
Brooklyn, NY 11215-9008  
718 780-3288

**Length:** 5 Year(s) **Total Positions:** 17 **(GYI: 4)**  
**Program ID:** 440-35-21-222

**SUNY Health Science Center at Brooklyn Program**

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Long Island College Hospital  
St Vincent's Medical Center of Richmond  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

**Program Director:**  
Richard B Wait, MD PhD  
SUNY Hlth Sci Ctr at Brooklyn  
Dept of Surgery  
450 Clarkson Ave Box 40  
Brooklyn, NY 11203  
718 270-1973

**Length:** 5 Year(s) **Total Positions:** 80 **(GYI: 25)**  
**Program ID:** 440-35-21-237

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\***

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Erie County Medical Center  
Millard Fillmore Hospitals  
Veterans Affairs Medical Center (Buffalo)

**Program Director:**  
Eddie L Hoover, MD  
Erie County Medical Center  
Dept of Surgery  
462 Grider St  
Buffalo, NY 14215-3098  
716 898-3962

**Length:** 5 Year(s) **Total Positions:** 69 **(GYI: 25)**  
**Subspecialties:** VS  
**Program ID:** 440-35-21-393

\* Updated information not provided.

**Cooperstown****Mary Imogene Bassett Hospital Program**

Bassett Healthcare

*Program Director:*

Patrick A Dietz, MD  
 Med Educ Dept  
 Mary Imogene Bassett Hospital  
 One Atwell Rd  
 Cooperstown, NY 13326-1394  
 800 852-4566

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 4)**Program ID:** 440-35-31-197**East Meadow****Nassau County Medical Center Program**

Nassau County Medical Center

*Program Director:*

James T Evans, MD  
 Nassau County Medical Center  
 2201 Hempstead Turnp  
 East Meadow, NY 11554  
 516 572-6705

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 8)**Program ID:** 440-35-12-198**Flushing****Flushing Hospital Medical Center Program**

Flushing Hospital Medical Center

*Program Director:*

A Addison Barman, MD  
 Flushing Hospital Medical Center  
 45th Ave at Parsons Blvd  
 Flushing, NY 11355  
 718 670-5989

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 8)**Program ID:** 440-35-11-213**New York Hospital Medical Center of Queens Program\***

New York Hospital Medical Center of Queens

*Program Director:*

James W Turner, MD  
 The New York Hospital Medical Center Queens  
 Main St at Booth Memorial Ave  
 Flushing, NY 11355  
 718 670-1572

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)**Program ID:** 440-35-11-205**Jamaica****Catholic Medical Center of Brooklyn and Queens Program**

Catholic Medical Center of Brooklyn and Queens Inc  
 Catholic Medical Center (Mary Immaculate Hospital)  
 Catholic Medical Center (St Mary's Hospital)

*Program Director:*

Walter F Pizzi, MD  
 Catholic Medical Center of Brooklyn and Queens  
 88-25 153rd St  
 Parsons Manor Ste 2P  
 Jamaica, NY 11432  
 718 558-7216

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)**Program ID:** 440-35-21-210**Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Anthony J Tortolani, MD  
 North Shore University  
 Dept of Surgery  
 300 Community Dr  
 Manhasset, NY 11030  
 516 562-4885

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 12)**Program ID:** 440-35-11-212**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center  
 LaGuardia Hospital

*Program Director:*

Jon R Cohen, MD  
 Long Island Jewish Medical Center  
 270-05 76th Ave  
 New Hyde Park, NY 11042  
 718 470-7377

*Length:* 5 Year(s) *Total Positions:* 37 (GYI: 16)**Program ID:** 440-35-21-219**New Rochelle****New Rochelle Hospital Medical Center Program**

New Rochelle Hospital Medical Center  
 Veterans Affairs Medical Center (Castle Point)

*Program Director:*

Burton L Herz, MD  
 New Rochelle Hospital Medical Center  
 16 Guion Pl  
 Dept of Surg 3 Joyce  
 New Rochelle, NY 10802-1729  
 914 632-5000

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 6)**Program ID:** 440-35-21-201**New York****Albert Einstein College of Medicine at Beth Israel Medical Center Program**

Beth Israel Medical Center  
 Queens Hospital Center

*Program Director:*

Moses Nussbaum, MD  
 Beth Israel Medical Center  
 First Ave at 16th St  
 New York, NY 10003  
 212 420-4044

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 15)**Program ID:** 440-35-11-204**Harlem Hospital Center Program**

Harlem Hospital Center

*Program Director:*

Harold P Freeman, MD  
 Harlem Hospital Center  
 506 Lenox Ave  
 New York, NY 10037  
 212 930-3525

*Length:* 5 Year(s) *Total Positions:* 31 (GYI: 9)**Program ID:** 440-35-11-214**Lenox Hill Hospital Program**

Lenox Hill Hospital

*Program Director:*

M Michael Eisenberg, MD  
 Dept of Surgery  
 Lenox Hill Hospital  
 100 E 77th St  
 New York, NY 10021-1883  
 212 434-2150

*Length:* 5 Year(s) *Total Positions:* 24 (GYI: 12)**Program ID:** 440-35-11-217**Mount Sinai School of Medicine (North General) Program**

North General Hospital

*Program Director:*

Henry Godfrey, MD  
 North General Hospital  
 1879 Madison Ave  
 New York, NY 10035  
 212 423-4050

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 5)**Program ID:** 440-35-31-215**Mount Sinai School of Medicine Program**

Mount Sinai School of Medicine  
 Elmhurst Hospital Center-Mount Sinai Services  
 Mount Sinai Medical Center

*Program Director:*

Arthur H Aufses Jr, MD  
 Dept of Surgery  
 Box 1259

One Gustave L Levy Pl  
 New York, NY 10029-6574  
 212 241-6591

*Length:* 5 Year(s) *Total Positions:* 74 (GYI: 30)*Subspecialties:* VS**Program ID:** 440-35-21-225**New York Hospital/Cornell Medical Center Program**

New York Hospital  
 Jamaica Hospital  
 Memorial Sloan-Kettering Cancer Center

*Program Director:*

John M Daly, MD  
 New York Hospital  
 Dept of Surgery  
 525 E 68th St F-739  
 New York, NY 10021

212 746-5144

*Length:* 5 Year(s) *Total Positions:* 67 (GYI: 20)**Program ID:** 440-35-21-211**New York University Medical Center Program**

New York University Medical Center  
 Bellevue Hospital Center  
 Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Frank C Spencer, MD  
 New York University Medical Center  
 550 First Ave  
 New York, NY 10016  
 212 263-6378

*Length:* 5 Year(s) *Total Positions:* 78 (GYI: 23)*Subspecialties:* VS**Program ID:** 440-35-21-394

\* Updated information not provided.

### Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York  
Overlook Hospital

*Program Director:*  
R Peter Altman, MD  
Presbyterian Hospital in the City of New York  
177 Fort Washington Ave  
Milstein 7GS-313  
New York, NY 10032-3784  
212 305-3038

*Length:* 5 Year(s) *Total Positions:* 50 (GYI: 21)

*Subspecialties:* PDS

**Program ID:** 440-35-21-229

### St Luke's-Roosevelt Hospital Center Program

St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division

*Program Director:*  
M David Tilson, MD  
St Luke's-Roosevelt Hospital Center  
1000 Tenth Ave  
New York, NY 10019  
212 523-7780

*Length:* 5 Year(s) *Total Positions:* 51 (GYI: 18)

**Program ID:** 440-35-21-383

### Rochester

#### University of Rochester Program

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Rochester General Hospital

*Program Director:*  
Seymour I Schwartz, MD  
Dept of Surgery  
University of Rochester Med Ctr  
601 Elmwood Ave  
Rochester, NY 14642-8410  
716 275-2725

*Length:* 5 Year(s) *Total Positions:* 56 (GYI: 19)

*Subspecialties:* CCS,VS

**Program ID:** 440-35-21-240

### Staten Island

#### Staten Island University Hospital Program

Staten Island University Hospital

*Program Director:*  
Melvin H Worth Jr, MD  
Staten Island University Hospital  
475 Seaview Ave  
Staten Island, NY 10305  
718 226-9508

*Length:* 5 Year(s) *Total Positions:* 16 (GYI: 6)

**Program ID:** 440-35-11-236

### Stony Brook

#### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)  
Winthrop-University Hospital

*Program Director:*  
Naji Abumrad, MD  
State University of New York at Stony Brook  
Dept of Surgery  
HSC T-19 Rm 020  
Stony Brook, NY 11794-8191  
516 444-1791

*Length:* 5 Year(s) *Total Positions:* 37 (GYI: 12)

*Subspecialties:* VS

**Program ID:** 440-35-21-242

### Syracuse

#### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at  
Syracuse

Community-General Hospital of Greater Syracuse  
Crouse-Irving Memorial Hospital  
Veterans Affairs Medical Center (Syracuse)

*Program Director:*  
John D Halverson, MD  
SUNY Health Science Center at Syracuse  
Dept of Surgery  
750 E Adams St  
Syracuse, NY 13210  
315 464-4550

*Length:* 5 Year(s) *Total Positions:* 44 (GYI: 21)

**Program ID:** 440-35-21-244

### Valhalla

#### New York Medical College (Cabrini) Program

New York Medical College  
Cabrini Medical Center  
Metropolitan Hospital Center

*Program Director:*  
Raymond D LaRaja, MD  
Dept of Surgery  
Cabrini Medical Center  
227 E 19th St D-309  
New York, NY 10003  
212 995-6727

*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 7)

**Program ID:** 440-35-21-209

#### New York Medical College (Lincoln) Program

New York Medical College  
Our Lady of Mercy Medical Center  
Lincoln Medical and Mental Health Center

*Program Director:*  
William M Stahl, MD  
Lincoln Medical and Mental Health Center  
Dept of Surgery  
234 E 149th St  
Bronx, NY 10451  
718 579-5890

*Length:* 5 Year(s) *Total Positions:* 36 (GYI: 12)

*Subspecialties:* CCS

**Program ID:** 440-35-31-223

#### New York Medical College (Stamford) Program

New York Medical College  
Stamford Hospital

*Program Director:*  
James E Barone, MD  
Stamford Hospital  
PO Box 9317  
Stamford, CT 06904-9317  
203 325-7470

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID:** 440-08-21-364

#### New York Medical College at St Vincent's Hospital and Medical Center of New York Program

New York Medical College  
St Vincent's Hospital and Medical Center of New York  
St Joseph's Hospital and Medical Center

*Program Director:*  
Marc K Wallack, MD  
St Vincent's Hospital and Medical Center of New York  
Dept of Surgery-Cronin 802  
153 W 11th St  
New York, NY 10011  
212 604-8344

*Length:* 5 Year(s) *Total Positions:* 42 (GYI: 14)

**Program ID:** 440-35-21-234

#### New York Medical College at Westchester County Medical Center Program

New York Medical College  
Metropolitan Hospital Center  
St Vincent's Medical Center  
Westchester County Medical Center

*Program Director:*  
John A Savino, MD  
New York Medical College  
Dept of Surgery  
Munger Pavilion  
Valhalla, NY 10595  
914 285-7648

*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 8)

*Subspecialties:* CCS

**Program ID:** 440-35-21-227

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
Wake Medical Center

*Program Director:*  
Anthony A Meyer, MD PhD  
University of North Carolina School of Medicine  
Dept of Surgery  
166 Burnett-Womack Bldg CB#7050  
Chapel Hill, NC 27599-7050  
919 966-4653

*Length:* 5 Year(s) *Total Positions:* 43 (GYI: 14)

*Subspecialties:* CCS,VS

**Program ID:** 440-36-21-245

### Charlotte

#### Carolinas Medical Center Program

Carolinas Medical Center

*Program Director:*  
L G Walker Jr, MD  
Carolinas Medical Center  
Dept of General Surgery  
PO 32861  
Charlotte, NC 28232-2861  
704 355-3176

*Length:* 5 Year(s) *Total Positions:* 17 (GYI: 4)

**Program ID:** 440-36-12-246

**Durham**

**Duke University Program**

Duke University Medical Center  
 Durham Regional Hospital  
 Veterans Affairs Medical Center (Asheville)  
 Veterans Affairs Medical Center (Durham)

*Program Director:*  
 Theodore N Pappas, MD  
 Duke University Medical Center  
 Dept of Surgery  
 PO Box 3479  
 Durham, NC 27710  
 919 681-3442

*Length:* 6 Year(s) *Total Positions:* 62 (GYI: 23)  
*Subspecialties:* CCS  
**Program ID:** 440-36-21-247

**Greenville**

**East Carolina University Program**

East Carolina University School of Medicine  
 Pitt County Memorial Hospital

*Program Director:*  
 Walter J Pories, MD  
 East Carolina University School of Medicine  
 Dept of Surgery  
 Greenville, NC 27858-4354  
 919 816-4629

*Length:* 5 Year(s) *Total Positions:* 28 (GYI: 6)  
**Program ID:** 440-36-11-248

**Wilmington**

**New Hanover Regional Medical Center Program**

New Hanover Regional Medical Center

*Program Director:*  
 J Gary Maxwell, MD  
 New Hanover Regional Medical Center  
 2131 S 17th St  
 PO Box 9025  
 Wilmington, NC 28402-9025  
 910 343-0161

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 440-36-31-249

**Winston-Salem**

**Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital  
 Forsyth Memorial Hospital

*Program Director:*  
 Richard H Dean, MD  
 Bowman Gray School of Medicine  
 Dept of General Surgery  
 Medical Center Blvd  
 Winston-Salem, NC 27157-1095  
 919 716-4443

*Length:* 5 Year(s) *Total Positions:* 38 (GYI: 17)  
*Subspecialties:* VS  
**Program ID:** 440-36-31-250

**North Dakota**

**Grand Forks**

**University of North Dakota Program**

Univ of North Dakota School of Medicine  
 United Hospital  
 Veterans Affairs Medical and Regional Office Center  
 (Fargo)

*Program Director:*  
 William K Becker, MD  
 University of North Dakota  
 Dept of Surgery  
 PO Box 9037  
 Grand Forks, ND 58202-9037  
 701 777-3069

*Length:* 5 Year(s) *Total Positions:* 13 (GYI: 5)  
**Program ID:** 440-37-21-379

**Ohio**

**Akron**

**Akron City Hospital (Summa Health System)/NEOUCOM Program**

Akron City Hospital (Summa Health System)

*Program Director:*  
 Duane L Donovan, MD  
 Akron City Hospital  
 525 E Market St  
 Akron, OH 44309  
 216 375-3783

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)  
**Program ID:** 440-38-21-251

**Akron General Medical Center/NEOUCOM Program**

Akron General Medical Center

*Program Director:*  
 Daniel P Guyton, MD  
 Akron General Medical Center  
 400 Wabash Ave  
 Akron, OH 44307  
 216 384-6741

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID:** 440-38-11-252

**Cincinnati**

**Good Samaritan Hospital Program**

Good Samaritan Hospital  
 Providence Hospital

*Program Director:*  
 Richard E Welling, MD  
 Good Samaritan Hospital  
 375 Dixmyth Ave  
 3rd Fl Tower  
 Cincinnati, OH 45220-2489  
 513 872-3220

*Length:* 5 Year(s) *Total Positions:* 23 (GYI: 7)  
*Subspecialties:* VS  
**Program ID:** 440-38-31-253

**Jewish Hospital of Cincinnati Program**

Jewish Hospital of Cincinnati

*Program Director:*  
 Creighton B Wright, MD  
 Jewish Hospital of Cincinnati  
 Dept of Surgery  
 3200 Burnet Ave  
 Cincinnati, OH 45229  
 513 569-2182

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 440-38-31-254

**University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
 Veterans Affairs Medical Center (Cincinnati)

*Program Director:*  
 Josef E Fischer, MD  
 University of Cincinnati Medical Center  
 Dept of Surgery  
 231 Bethesda Ave  
 Cincinnati, OH 45267-0558  
 513 558-5861

*Length:* 5 Year(s) *Total Positions:* 60 (GYI: 20)  
**Program ID:** 440-38-21-255

**Cleveland**

**Case Western Reserve University Program**

University Hospitals of Cleveland  
 MetroHealth Medical Center  
 Mount Sinai Medical Center of Cleveland  
 Veterans Affairs Medical Center (Cleveland)

*Program Director:*  
 Jerry M Shuck, MD  
 University Hospitals of Cleveland  
 Dept of Surgery  
 2074 Abington Rd  
 Cleveland, OH 44106  
 216 844-3871

*Length:* 5 Year(s) *Total Positions:* 68 (GYI: 31)  
**Program ID:** 440-38-21-399

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*  
 Frederick Alexander, MD  
 Cleveland Clinic Foundation  
 9500 Euclid Ave TT32  
 Dept of General Surgery  
 Cleveland, OH 44195-5242  
 216 444-5690

*Length:* 5 Year(s) *Total Positions:* 24 (GYI: 8)  
*Subspecialties:* VS  
**Program ID:** 440-38-22-257

**Health Cleveland Program**

Health Cleveland Corporation  
 Health Cleveland (Fairview General Hospital)

*Program Director:*  
 Stephen G ReMine, MD  
 Fairview General Hospital  
 Dept of Surgery  
 18101 Lorain Ave  
 Cleveland, OH 44111-5656  
 216 476-7156

*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID:** 440-38-22-258

**Meridia Huron Hospital Program**

Meridia Huron Hospital  
 Meridia Hillcrest Hospital

*Program Director:*  
 Raphael S Chung, MD  
 Meridia Huron Hospital  
 13951 Terrace Rd  
 Cleveland, OH 44112  
 216 761-4223

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID:** 440-38-22-259

**St Luke's Medical Center Program**

St Luke's Medical Center

*Program Director:*  
 Helmut Schreiber, MD  
 Saint Luke's Medical Center  
 11311 Shaker Blvd  
 Cleveland, OH 44104  
 216 368-5785

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID:** 440-38-11-262

\* Updated information not provided.

## Columbus

### Mount Carmel Health Program

Mount Carmel Medical Center  
Mount Carmel East Hospital

*Program Director:*  
Thomas H Hartranft, MD  
Mount Carmel Health  
793 W State St  
Columbus, OH 43222  
614 225-5983

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 6)  
**Program ID: 440-38-32-263**

### Ohio State University Program

Ohio State University Medical Center  
Grant Medical Center

*Program Director:*  
Ronald M Ferguson, MD  
Ohio State University Hospital  
Dept of Surgery  
410 W Tenth Ave  
Columbus, OH 43210-1228  
614 293-8701

*Length:* 5 Year(s) *Total Positions:* 40 (GYI: 14)  
*Subspecialties:* CCS,VS  
**Program ID: 440-38-21-264**

### Riverside Methodist Hospitals Program

Riverside Methodist Hospitals

*Program Director:*  
James M Blackford, MD  
Riverside Methodist Hospitals  
3535 Olentangy River Rd  
Med Educ Dept  
Columbus, OH 43214  
614 566-5762

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 6)  
**Program ID: 440-38-12-265**

## Dayton

### Wright State University Program

Wright State University School of Medicine  
Children's Medical Center  
Good Samaritan Hospital and Health Center  
Kettering Medical Center  
Miami Valley Hospital  
St Elizabeth Medical Center  
USAF Medical Center (Wright-Patterson)  
Veterans Affairs Medical Center (Dayton)

*Program Director:*  
James B Peoples, MD  
Wright State University School of Medicine  
PO Box 927  
Dayton, OH 45401-9950  
513 220-2177

*Length:* 5 Year(s) *Total Positions:* 46 (GYI: 15)  
**Program ID: 440-38-21-266**

## Toledo

### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Hospital

*Program Director:*  
David C Allison, MD  
Medical College of Ohio at Toledo  
Dept of Surgery  
3000 Arlington Ave  
Toledo, OH 43699-0008  
419 381-3970

*Length:* 5 Year(s) *Total Positions:* 29 (GYI: 8)  
**Program ID: 440-38-21-269**

## Youngstown

### St Elizabeth Hospital Medical Center/NEOUCOM Program

St Elizabeth Hospital Medical Center

*Program Director:*  
Rashid A Abdu, MD  
1044 Belmont Ave  
PO Box 1790  
Youngstown, OH 44501-1790  
216 480-3124

*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID: 440-38-11-270**

### Western Reserve Care System/NEOUCOM Program

Western Reserve Care System  
Northside Medical Center  
Southside Medical Center  
Tod Children's Hospital

*Program Director:*  
Jeffrey R Rubin, MD  
Western Reserve Care System  
Northside Medical Center  
500 Gypsy Ln  
Youngstown, OH 44501-0990  
216 740-3453

*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 8)  
**Program ID: 440-38-21-271**

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*  
Russell G Postier, MD  
Univ of Oklahoma Health Sciences Center Dept of Surgery  
PO Box 26901  
Oklahoma City, OK 73190  
405 271-7912

*Length:* 5 Year(s) *Total Positions:* 26 (GYI: 4)  
**Program ID: 440-39-21-273**

## Tulsa

#### University of Oklahoma College of Medicine-Tulsa Program

University of Oklahoma College of Medicine-Tulsa  
Hillcrest Medical Center  
St Francis Hospital  
St John Medical Center  
Veterans Affairs Medical Center (Muskogee)

*Program Director:*  
Frank A Clingan, MD  
University of Oklahoma College of Medicine-Tulsa  
Dept of Surgery  
2808 S Sheridan Rd  
Tulsa, OK 74129-1077  
918 744-3652

*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 11)  
**Program ID: 440-39-21-274**

## Oregon

### Portland

#### Emanuel Hospital/Kaiser Foundation Hospital Program

Emanuel Hospital and Health Center  
Kaiser Permanente-NW Region

*Program Director:*  
Jay Patel, MD  
Emanuel Hospital and Health Center  
2801 N Gantenbein Ave  
Portland, OR 97227  
503 280-4647

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 7)  
**Program ID: 440-40-21-275**

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Good Samaritan Hospital and Medical Center  
Kaiser Permanente-NW Region  
St Vincent Hospital and Medical Center  
Veterans Affairs Medical Center (Portland)

*Program Director:*  
Donald D Trunkey, MD  
Oregon Health Sciences University  
3181 SW Sam Jackson Pk Rd L223  
Portland, OR 97201-3098  
503 494-7758

*Length:* 5 Year(s) *Total Positions:* 57 (GYI: 16)  
*Subspecialties:* VS  
**Program ID: 440-40-21-278**

## Pennsylvania

### Abington

#### Abington Memorial Hospital Program

Abington Memorial Hospital

*Program Director:*  
Thomas L Dent, MD  
Abington Memorial Hospital  
Dept of Surgery  
1200 Old York Rd  
Abington, PA 19001  
215 576-7464

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 7)  
**Program ID: 440-41-12-279**

## Allentown

#### Lehigh Valley Hospital/Pennsylvania State University Program

Lehigh Valley Hospital

*Program Director:*  
Gary G Nicholas, MD  
Lehigh Valley Hospital  
Cedar Crest and I-78  
PO Box 689  
Allentown, PA 18105-1556  
610 402-8336

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 5)  
**Program ID: 440-41-21-280**

**Bethlehem**

**St Luke's Hospital Program**

St Luke's Hospital

*Program Director:*

Joel C Rosenfeld, MD  
 St Luke's Hospital  
 801 Ostrum St  
 Bethlehem, PA 18015  
 610 954-4646

*Length:* 5 Year(s) *Total Positions:* 10 *(GYI:* 2)  
**Program ID:** 440-41-21-398

**Danville**

**Geisinger Medical Center Program**

Geisinger Medical Center

*Program Director:*

John E Deitrick, MD  
 Geisinger Medical Center  
 N Academy Ave Dept of Surgery  
 Danville, PA 17822  
 717 271-6365

*Length:* 5 Year(s) *Total Positions:* 11 *(GYI:* 3)  
*Subspecialties:* VS  
**Program ID:** 440-41-21-283

**Easton**

**Easton Hospital Program**

Easton Hospital

*Program Director:*

Jay B Fisher, MD  
 Easton Hospital  
 250 S 21st St  
 Easton, PA 18042  
 610 250-4014

*Length:* 5 Year(s) *Total Positions:* 14 *(GYI:* 4)  
**Program ID:** 440-41-31-284

**Harrisburg**

**Polyclinic Medical Center Program**

Polyclinic Medical Center

*Program Director:*

Stephen M Weiss, MD  
 Polyclinic Medical Center  
 2601 N Third St  
 Harrisburg, PA 17110  
 717 782-2828

*Length:* 5 Year(s) *Total Positions:* 12 *(GYI:* 4)  
**Program ID:** 440-41-21-384

**Hershey**

**Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr Harrisburg Hospital

*Program Director:*

Gordon L Kauffman Jr, MD  
 Milton S Hershey Medical Center of the Penn State University  
 Dept of Surgery  
 500 University Dr  
 Hershey, PA 17033  
 717 531-8815

*Length:* 5 Year(s) *Total Positions:* 15 *(GYI:* 15)  
*Subspecialties:* CCS,VS  
**Program ID:** 440-41-21-287

**Johnstown**

**Temple University/Conemaugh Valley Memorial Hospital Program**

Conemaugh Valley Memorial Hospital

*Program Director:*

Richard A Moore, MD PhD  
 Conemaugh Memorial Hospital  
 1086 Franklin St  
 Johnstown, PA 15005-4398  
 814 533-9099

*Length:* 5 Year(s) *Total Positions:* 12 *(GYI:* 4)  
*Subspecialties:* VS  
**Program ID:** 440-41-11-288

**McKeesport**

**McKeesport Hospital Program**

McKeesport Hospital

*Program Director:*

Richard P Bondi, MD  
 McKeesport Hospital  
 1500 Fifth Ave  
 McKeesport, PA 15132-2483  
 412 664-2454

*Length:* 5 Year(s) *Total Positions:* 10 *(GYI:* 2)  
**Program ID:** 440-41-21-289

**Philadelphia**

**Albert Einstein Medical Center Program\***

Albert Einstein Medical Center

*Program Director:*

Robert G Somers, MD  
 Albert Einstein Medical Center  
 5501 Old York Rd  
 Philadelphia, PA 19141  
 215 456-6930

*Length:* 5 Year(s) *Total Positions:* 23 *(GYI:* 8)  
**Program ID:** 440-41-11-291

**Episcopal Hospital Program**

Episcopal Hospital  
 St Agnes Medical Center

*Program Director:*

David H Levien, MD  
 Episcopal Hospital  
 100 E Lehigh Ave  
 Philadelphia, PA 19125-1098  
 215 427-7042

*Length:* 5 Year(s) *Total Positions:* 6 *(GYI:* 6)  
**Program ID:** 440-41-11-292

**Graduate Hospital Program**

Graduate Hospital  
 Underwood-Memorial Hospital

*Program Director:*

Charles C Wolferth Jr, MD  
 Graduate Hospital Ste 1101  
 One Graduate Plaza  
 Philadelphia, PA 19146  
 215 893-2556

*Length:* 5 Year(s) *Total Positions:* 32 *(GYI:* 12)  
**Program ID:** 440-41-21-293

**MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital  
 Crozer-Chester Medical Center

*Program Director:*

Joaquin Sariego, MD  
 Hahnemann University Hospital  
 Mail Stop 413  
 Broad & Vine Sts  
 Philadelphia, PA 19102-1192  
 215 762-8175

*Length:* 5 Year(s) *Total Positions:* 31 *(GYI:* 12)  
**Program ID:** 440-41-21-294

**MCPHU/Medical College of Pennsylvania Hospital Program**

Medical College of Pennsylvania Hospital  
 Frankford Hospital (Torresdale Campus)  
 Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Joel J Roslyn, MD  
 Medical College of Pennsylvania  
 Dept of Surgery  
 3300 Henry Ave  
 Philadelphia, PA 19129-1191  
 215 842-6640

*Length:* 5 Year(s) *Total Positions:* 23 *(GYI:* 8)  
**Program ID:** 440-41-21-295

**Mercy Catholic Medical Center Program**

Mercy Catholic Medical Center, Inc  
 Mercy Catholic Medical Center-Fitzgerald Mercy Division  
 Mercy Catholic Medical Center-Misericordia Division

*Program Director:*

Chris D Tzarnas, MD  
 Mercy Catholic Medical Center  
 54th & Cedar Ave  
 Philadelphia, PA 19143  
 610 237-4950

*Length:* 5 Year(s) *Total Positions:* 12 *(GYI:* 4)  
**Program ID:** 440-41-31-297

**Pennsylvania Hospital Program**

Pennsylvania Hospital

*Program Director:*

David L Paskin, MD  
 Pennsylvania Hospital  
 Dept of Surgery  
 Eighth & Spruce St  
 Philadelphia, PA 19107  
 215 829-6880

*Length:* 5 Year(s) *Total Positions:* 18 *(GYI:* 8)  
*Subspecialties:* VS  
**Program ID:** 440-41-11-298

**Temple University Program**

Temple University Hospital  
 Fox Chase Cancer Center  
 Reading Hospital and Medical Center

*Program Director:*

Daniel T Dempsey, MD  
 Temple University Hospital  
 3401 N Broad St  
 Philadelphia, PA 19140  
 215 221-3634

*Length:* 5 Year(s) *Total Positions:* 34 *(GYI:* 14)  
**Program ID:** 440-41-21-300

**Thomas Jefferson University Program**

Thomas Jefferson University Hospital  
 Methodist Hospital

*Program Director:*

Herbert E Cohn, MD  
 Francis E Rosato, MD  
 Thomas Jefferson University  
 Dept of Surgery  
 1015 Chestnut St Ste 820  
 Philadelphia, PA 19107  
 215 955-6864

*Length:* 5 Year(s) *Total Positions:* 41 *(GYI:* 12)  
**Program ID:** 440-41-21-301

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
 Presbyterian Medical Center of Philadelphia  
 Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Clyde F Barker, MD  
 Hospital of the University of Pennsylvania  
 3400 Spruce St  
 Philadelphia, PA 19104  
 215 662-6156

*Length:* 5 Year(s) *Total Positions:* 25 *(GYI:* 5)  
*Subspecialties:* VS  
**Program ID:** 440-41-21-302

\* Updated information not provided.

## Pittsburgh

### MCPHU/Allegheny General Hospital Program

Allegheny General Hospital  
*Program Director:*  
 Daniel L Diamond, MD  
 Dept of Surgery  
 Allegheny General Hospital  
 320 E North Ave  
 Pittsburgh, PA 15212-9986  
 412 359-3505  
*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID: 440-41-12-303**

### Mercy Hospital of Pittsburgh Program

Mercy Hospital of Pittsburgh  
*Program Director:*  
 Howard A Zaren, MD  
 Mercy Hospital of Pittsburgh  
 Dept of Surgery  
 1400 Locust St  
 Pittsburgh, PA 15219  
 412 232-5528  
*Length:* 5 Year(s) *Total Positions:* 23 (GYI: 8)  
**Program ID: 440-41-12-305**

### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
 Children's Hospital of Pittsburgh  
 Montefiore University Hospital (UPMC)  
 Presbyterian-University Hospital/UPMC  
 Veterans Affairs Medical Center (Pittsburgh)  
*Program Director:*  
 Richard L Simmons, MD  
 University of Pittsburgh Dept of Surgery  
 c/o Christina Wilds Resident Coord  
 497 Scaife Hall  
 Pittsburgh, PA 15261  
 412 648-9900  
*Length:* 5 Year(s) *Total Positions:* 47 (GYI: 24)  
*Subspecialties:* CCS,PDS  
**Program ID: 440-41-21-304**

### Western Pennsylvania Hospital Program

Western Pennsylvania Hospital  
*Program Director:*  
 Albert D Baffoni Jr, MD  
 Western Pennsylvania Hospital  
 4800 Friendship Ave  
 Ste 2820  
 Pittsburgh, PA 15224  
 412 578-6880  
*Length:* 5 Year(s) *Total Positions:* 25 (GYI: 8)  
**Program ID: 440-41-12-308**

## Sayre

### Guthrie Healthcare System Program

Robert Packer Hospital  
*Program Director:*  
 Carl W Konvolinka, MD  
 Guthrie Healthcare System  
 Guthrie Sq  
 Sayre, PA 18840-1698  
 717 888-6666  
*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 7)  
**Program ID: 440-41-12-309**

## Wynnewood

### Lankenau Hospital Program

Lankenau Hospital  
*Program Director:*  
 Robert D Smink, MD  
 Lankenau Hospital Dept of General Surgery  
 100 Lancaster Ave W of City Line  
 Wynnewood, PA 19096  
 610 645-2169  
*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID: 440-41-11-296**

## York

### York Hospital Program

York Hospital  
*Program Director:*  
 Jonathan E Rhoads Jr, MD  
 York Hospital  
 1001 S George St  
 York, PA 17405  
 717 851-2202  
*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)  
**Program ID: 440-41-12-310**

## Puerto Rico

### Mayaguez

#### Ramon E Betances Hospital-Mayaguez Medical Center Program

Dr Ramon E Betances Hospital-Mayaguez Medical Center  
*Program Director:*  
 Victor N Ortiz-Justiniano, MD  
 Mayaguez Medical Center  
 Box 3008  
 Mayaguez, PR 00681  
 809 833-7013  
*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 4)  
**Program ID: 440-42-21-380**

## Ponce

### Ponce Regional Hospital Program

Ponce Regional Hospital  
 Hospital de Damas  
 Hospital Oncologico Andres Grillasca  
*Program Director:*  
 Victor M Carlo-Dominguez, MD  
 Dept of Surgery  
 Ponce Regional Hospital  
 PO Box 391  
 Ponce, PR 00733  
 809 843-0040  
*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 8)  
**Program ID: 440-42-21-362**

## San Juan

### University of Puerto Rico Program

University of Puerto Rico School of Medicine  
 University Hospital  
 Veterans Affairs Medical Center (San Juan)  
*Program Director:*  
 Eduardo A Santiago-Delphin, MD  
 University of Puerto Rico  
 Med Sci Campus  
 GPO Box 365067  
 San Juan, PR 00936-5067  
 809 763-2440  
*Length:* 5 Year(s) *Total Positions:* 42 (GYI: 15)  
**Program ID: 440-42-21-313**

## Rhode Island

## Providence

### Brown University Program

Rhode Island Hospital  
 Miriam Hospital  
 Veterans Affairs Medical Center (Providence)  
*Program Director:*  
 Kirby I Bland, MD  
 Rhode Island Hospital  
 APC 108  
 593 Eddy St  
 Providence, RI 02903  
 401 444-8393  
*Length:* 5 Year(s) *Total Positions:* 45 (GYI: 18)  
*Subspecialties:* CCS  
**Program ID: 440-43-21-314**

## South Carolina

## Charleston

### Medical University of South Carolina Program

Medical University of South Carolina College of Medicine  
 Charleston Memorial Hospital  
 MUSC Medical Center  
 Naval Hospital (Charleston)  
 Veterans Affairs Medical Center (Charleston)  
*Program Director:*  
 Fred A Crawford Jr, MD  
 MUSC Medical Center  
 171 Ashley Ave  
 Charleston, SC 29425-2270  
 803 792-3072  
*Length:* 5 Year(s) *Total Positions:* 34 (GYI: 16)  
**Program ID: 440-45-21-315**

## Columbia

### Richland Memorial Hospital-University of South Carolina School of Medicine Program

Richland Memorial Hospital-Univ of South Carolina Sch of Med  
 Williams Jennings Bryan Dorn Veterans Hospital  
*Program Director:*  
 Richard M Bell, MD  
 Univ of South Carolina-Richland Memorial Hosp  
 Dept of Surgery  
 Two Richland Medical Pk Ste 300  
 Columbia, SC 29203  
 803 256-2657  
*Length:* 5 Year(s) *Total Positions:* 17 (GYI: 5)  
**Program ID: 440-45-21-316**

## Greenville

### Greenville Hospital System Program

Greenville Hospital System  
*Program Director:*  
 Joseph C McAlhany Jr, MD  
 Greenville Hospital System  
 Dept of Surgical Educ  
 701 Grove Rd  
 Greenville, SC 29605  
 803 455-7886  
*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 6)  
**Program ID: 440-45-11-317**

\* Updated information not provided.

### Spartanburg

#### Spartanburg Regional Medical Center Program

Spartanburg Regional Medical Center

*Program Director:*  
Henry G Kelley, MD  
101 E Wood St  
Spartanburg, SC 29303  
803 560-6285

*Length:* 5 Year(s) *Total Positions:* 14 (GYI: 6)  
*Program ID:* 440-45-31-318

### Tennessee

#### Chattanooga

##### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga  
Erlanger Medical Center

*Program Director:*  
R Phillip Burns, MD  
Chattanooga Unit-Univ of Tennessee College of Medicine  
Dept of Surgery  
921 E Third St Ste 400  
Chattanooga, TN 37403  
615 778-7695

*Length:* 6 Year(s) *Total Positions:* 27 (GYI: 10)  
*Program ID:* 440-47-11-320

#### Johnson City

##### East Tennessee State University Program

James H Quillen College of Medicine  
Holston Valley Hospital and Medical Center  
Johnson City Medical Center Hospital  
Veterans Affairs Medical Center (Mountain Home)

*Program Director:*  
William Browder, MD  
East Tennessee State University  
Dept of Surgery  
Box 70575  
Johnson City, TN 37614-0575  
615 929-6268

*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 7)  
*Program ID:* 440-47-21-377

#### Knoxville

##### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*  
Henry S Nelson Jr, MD  
The University of Tennessee  
Graduate Sch of Medicine  
1924 Alcoa Hwy  
Knoxville, TN 37920  
615 544-9230

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 6)  
*Specialties:* CCS,VS  
*Program ID:* 440-47-11-321

### Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
Methodist Hospital-Central Unit  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*  
Eugene Mangiante, MD  
University of Tennessee Memphis  
Dept of Surgery  
956 Court Ave Ste G210  
Memphis, TN 38163  
901 448-5910

*Length:* 5 Year(s) *Total Positions:* 62 (GYI: 23)  
*Specialties:* CCS,PDS,VS  
*Program ID:* 440-47-21-324

#### Nashville

##### Vanderbilt University Program

Vanderbilt University Medical Center  
St Thomas Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*  
C Wright Pinson, MD  
Vanderbilt University Medical Center  
T2121 Medical Center N  
1161 21st Ave S  
Nashville, TN 37232-2730  
615 343-6642

*Length:* 5 Year(s) *Total Positions:* 61 (GYI: 24)  
*Specialties:* CCS,VS  
*Program ID:* 440-47-21-327

### Texas

#### Dallas

##### Baylor University Medical Center Program

Baylor University Medical Center  
John Peter Smith Hospital (Tarrant County Hospital District)

*Program Director:*  
Ronald C Jones, MD  
Baylor University Medical Center  
Dept of Surgery  
3500 Gaston Ave  
Dallas, TX 75246-9989  
214 820-2468

*Length:* 5 Year(s) *Total Positions:* 35 (GYI: 10)  
*Specialties:* VS  
*Program ID:* 440-48-21-328

##### Methodist Hospitals of Dallas Program

Methodist Hospitals of Dallas  
*Program Director:*  
Richard M Dickerman, MD  
Methodist Hospitals of Dallas Medical Education  
PO Box 655999  
Dallas, TX 75265-9969  
214 947-2303

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 5)  
*Program ID:* 440-48-12-329

### St Paul Medical Center Program

St Paul Medical Center  
Dallas County Hospital District-Parkland Memorial Hospital

*Program Director:*  
Ernest Poulos, MD  
St Paul Medical Center Dept of Surgery  
5909 Harry Hines Blvd  
Dallas, TX 75235  
214 879-3787

*Length:* 5 Year(s) *Total Positions:* 17 (GYI: 4)  
*Program ID:* 440-48-31-390

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*  
G T Shires III, MD  
University of Texas Southwestern Medical School  
Dept of Surgery/Educ Office  
5323 Harry Hines Blvd  
Dallas, TX 75235-9031  
214 648-3515

*Length:* 5 Year(s) *Total Positions:* 85 (GYI: 30)  
*Specialties:* VS  
*Program ID:* 440-48-21-331

#### El Paso

##### Texas Tech University (El Paso) Program

Texas Tech University Health Sciences Center at El Paso  
R E Thomason General Hospital

*Program Director:*  
Edward C Saltzstein, MD  
Texas Tech University Health Sciences Center  
Dept of Surgery  
4800 Alberta Ave  
El Paso, TX 79905-1298  
915 545-6857

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 3)  
*Program ID:* 440-48-11-332

##### William Beaumont Army Medical Center Program

William Beaumont Army Medical Center

*Program Director:*  
LtC Stephen P Hetz, MD  
Col Silverio Cabellon Jr, MD  
William Beaumont Army Medical Center  
Dept of Surgery  
5005 N Piedras St  
El Paso, TX 79920-5001  
915 569-2698

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 6)  
*Program ID:* 440-48-12-009

#### Fort Sam Houston

##### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*  
Maj Russell Martin, MD  
Brooke Army Medical Center  
HSHE-SDG/Bldg 1000  
2450 Stanley Rd  
Fort Sam Houston, TX 78234-6348  
512 221-6925

*Length:* 5 Year(s) *Total Positions:* 21 (GYI: 8)  
*Specialties:* CCS  
*Program ID:* 440-48-22-010

\* Updated information not provided.



**Galveston**

**University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals  
*Program Director:*  
 James C Thompson, MD  
 University of Texas Medical Branch Hospitals  
 Dept of Surgery  
 Galveston, TX 77550  
 409 772-1285  
*Length: 5 Year(s) Total Positions: 36 (GYI: 17)*  
*Program ID: 440-48-11-333*

**Houston**

**Baylor College of Medicine Program**

Baylor College of Medicine  
 Harris County Hospital District-Ben Taub General Hospital  
 Methodist Hospital  
 Veterans Affairs Medical Center (Houston)  
*Program Director:*  
 Charles H McCollum, MD  
 Baylor College of Medicine  
 Surgery Educ Office  
 One Baylor Plaza Rm 402D  
 Houston, TX 77030  
 713 798-6078  
*Length: 5 Year(s) Total Positions: 68 (GYI: 27)*  
*Subspecialties: PDS, VS*  
*Program ID: 440-48-21-334*

**St Joseph Hospital Program**

St Joseph Hospital  
 Central Texas Medical Foundation  
 University of Texas M D Anderson Cancer Center

*Program Director:*  
 Samuel L Sehorn, MD  
 St Joseph Hospital  
 1919 La Branch  
 Houston, TX 77002  
 713 756-5684  
*Length: 5 Year(s) Total Positions: 21 (GYI: 6)*  
*Program ID: 440-48-22-335*

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
 Hermann Hospital  
 Lyndon B Johnson General Hospital  
 University of Texas M D Anderson Cancer Center

*Program Director:*  
 John Rex Potts III, MD  
 University of Texas Medical School Dept of Medicine  
 6431 Fannin Rm 4.268  
 Houston, TX 77030  
 713 792-5410  
*Length: 5 Year(s) Total Positions: 48 (GYI: 18)*  
*Subspecialties: CCS*  
*Program ID: 440-48-21-337*

**Lackland AFB**

**Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)  
*Program Director:*  
 Richard E Karulf, MD  
 59th Medical Wing/PSSG  
 2200 Bergquist Dr Ste 1  
 Lackland AFB  
 San Antonio, TX 78236-5300  
 210 670-5906  
*Length: 5 Year(s) Total Positions: 35 (GYI: 14)*  
*Program ID: 440-48-21-004*

**Lubbock**

**Texas Tech University (Lubbock) Program**

Texas Tech University Health Sciences Center at Lubbock  
 University Medical Center  
*Program Director:*  
 G Tom Shires, MD  
 Texas Tech University Health Science Center  
 Dept of Surgery  
 3601 4th  
 Lubbock, TX 79430  
 806 743-2372  
*Length: 5 Year(s) Total Positions: 18 (GYI: 5)*  
*Program ID: 440-48-21-363*

**San Antonio**

**University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
 Audie L Murphy Memorial Veterans Hospital (San Antonio)  
 University Hospital-South Texas Medical Center  
*Program Director:*  
 Kenneth R Sirinek, MD PhD  
 University of Texas Health Science Center  
 Dept of Surgery  
 7703 Floyd Curl Dr  
 San Antonio, TX 78284-7842  
 210 567-5711  
*Length: 5 Year(s) Total Positions: 44 (GYI: 19)*  
*Program ID: 440-48-21-338*

**Temple**

**Texas A&M College of Medicine-Scott and White Program**

Scott and White Memorial Hospital  
 Olin E Teague Veterans Center

*Program Director:*  
 Randall W Smith, MD  
 Texas A&M-Scott and White  
 Graduate Med Educ  
 2401 S 31st St  
 Temple, TX 76508-0001  
 800 299-4463  
*Length: 5 Year(s) Total Positions: 15 (GYI: 3)*  
*Program ID: 440-48-21-339*

**Utah**

**Salt Lake City**

**University of Utah Program**

University of Utah Medical Center  
 Holy Cross Hospital  
 LDS Hospital  
 Primary Children's Medical Center  
 Veterans Affairs Medical Center (Salt Lake City)  
*Program Director:*  
 James McGreevy, MD  
 University of Utah Medical Center Dept of Surgery  
 50 N Medical Dr  
 Salt Lake City, UT 84132  
 801 581-4488  
*Length: 5 Year(s) Total Positions: 39 (GYI: 17)*  
*Program ID: 440-49-21-340*

**Vermont**

**Burlington**

**Medical Center Hospital of Vermont Program**

Medical Center Hospital of Vermont  
*Program Director:*  
 James C Hebert, MD  
 Medical Center Hospital of Vermont  
 Surgery Educ Office  
 Fletcher House 309  
 Burlington, VT 05401  
 802 656-2566  
*Length: 5 Year(s) Total Positions: 28 (GYI: 11)*  
*Program ID: 440-50-21-341*

**Virginia**

**Charlottesville**

**University of Virginia Program**

University of Virginia Medical Center  
 Veterans Affairs Medical Center (Salem)  
*Program Director:*  
 Curtis G Tribble, MD  
 University of Virginia Hospitals  
 Dept of Surgery Box 181-95  
 Charlottesville, VA 22908  
 804 924-2145  
*Length: 5 Year(s) Total Positions: 49 (GYI: 28)*  
*Program ID: 440-51-21-342*

**Norfolk**

**Eastern Virginia Graduate School of Medicine Program**

Eastern Virginia Graduate School of Medicine  
 DePaul Medical Center  
 Sentara Leigh Hospital  
 Sentara Norfolk General Hospital  
 Veterans Affairs Medical Center (Hampton)  
*Program Director:*  
 L D Britt, MD MPH  
 Eastern Virginia Grad Sch of Med 6th Fl Hofheimer Hall  
 Dept of General Surgery  
 825 Fairfax Ave  
 Norfolk, VA 23507-1912  
 804 446-8950  
*Length: 5 Year(s) Total Positions: 38 (GYI: 12)*  
*Subspecialties: VS*  
*Program ID: 440-51-21-343*

**Portsmouth**

**Naval Medical Center (Portsmouth) Program**

Naval Medical Center (Portsmouth)  
 Sentara Norfolk General Hospital  
*Program Director:*  
 Capt Adam M Robinson Jr, MD  
 Dept of General Surgery  
 Naval Medical Center  
 620 John Paul Jones Circle  
 Portsmouth, VA 23708-5100  
 804 398-5460  
*Length: 5 Year(s) Total Positions: 24 (GYI: 15)*  
*Program ID: 440-51-32-015*

\* Updated information not provided.

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Medical College of Virginia/Virginia Commonwealth University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*  
Andrew S Wechsler, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980645  
Richmond, VA 23298-0645  
804 828-7874

*Length:* 5 Year(s) *Total Positions:* 45 (GYI: 17)  
*Subspecialties:* VS  
**Program ID: 440-51-21-344**

**Roanoke****Carilion Health System Program**

Carilion Health System  
Community Hospital of Roanoke Valley  
Roanoke Memorial Hospitals

*Program Director:*  
Ross S Davies, MD  
Roanoke Memorial Hospitals (Carilion Health System)  
Bellevue at Jefferson St  
PO Box 13367  
Roanoke, VA 24033  
703 981-8280

*Length:* 5 Year(s) *Total Positions:* 20 (GYI: 6)  
**Program ID: 440-51-31-345**

**Washington****Seattle****Swedish Medical Center-Seattle Program**

Swedish Medical Center-Seattle  
Harborview Medical Center

*Program Director:*  
Michael J Hart, MD  
Surgical Residency "A" FI NW  
747 Broadway  
PO Box 14999  
Seattle, WA 98114-0999  
206 386-2123

*Length:* 5 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID: 440-54-32-347**

**University of Washington Program**

University of Washington School of Medicine  
Harborview Medical Center  
Providence Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)

*Program Director:*  
Hugh M Foy, MD  
University of Washington  
Dept of Surgery RF-25  
1959 NE Pacific St  
Seattle, WA 98195  
206 543-3687

*Length:* 5 Year(s) *Total Positions:* 37 (GYI: 12)  
*Subspecialties:* VS  
**Program ID: 440-54-21-348**

**Virginia Mason Medical Center Program**

Virginia Mason Medical Center  
Harborview Medical Center

*Program Director:*  
John A Ryan Jr, MD  
Virginia Mason Medical Center  
Office of Housestaff Affairs(H7-ME)  
925 Seneca St  
Seattle, WA 98101  
206 583-6079

*Length:* 5 Year(s) *Total Positions:* 24 (GYI: 8)  
**Program ID: 440-54-12-349**

**Tacoma****Madigan Army Medical Center Program**

Madigan Army Medical Center  
University of Washington Medical Center

*Program Director:*  
William C Williard, MD  
Madigan Army Medical Center  
Dept of Surgery  
Tacoma, WA 98431-6000  
206 968-2200

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 6)  
**Program ID: 440-54-12-011**

**West Virginia****Charleston****West Virginia University (Charleston Division) Program**

Charleston Area Medical Center

*Program Director:*  
James P Boland, MD  
Dept of Surgery  
Robert C Byrd HSC/WVU/Charleston  
3110 MacCorkle Ave  
Charleston, WV 25304  
304 347-1333

*Length:* 5 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID: 440-55-11-351**

**Huntington****Marshall University School of Medicine Program**

Marshall University School of Medicine  
Cabell Huntington Hospital  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*  
John T Walker, MD  
Marshall University School of Medicine  
Dept of Surgery  
1801 Sixth Ave  
Huntington, WV 25703-1584  
304 696-7029

*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID: 440-55-21-366**

**Morgantown****West Virginia University Program**

West Virginia University Hospitals  
Louis A Johnson Veterans Affairs Medical Center

*Program Director:*  
Ellen E Hrabovsky, MD  
West Virginia University  
Dept of Surgery Rm 4075  
PO Box 9238 Hlth Sci Ctr N  
Morgantown, WV 26506-9238  
304 293-3311

*Length:* 5 Year(s) *Total Positions:* 22 (GYI: 8)  
**Program ID: 440-55-21-352**

**Wisconsin****La Crosse****Gundersen Medical Foundation-La Crosse Lutheran Hospital Program**

Gundersen Medical Foundation-La Crosse Lutheran Hospital

*Program Director:*  
Thomas H Cogbill, MD  
Gundersen Medical Foundation  
Lutheran Hospital-La Crosse  
1836 South Ave  
La Crosse, WI 54601-5429  
608 782-7300

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID: 440-56-12-354**

**Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*  
Folkert O Belzer, MD  
University of Wisconsin Hospital and Clinics  
Dept of Surgery H4/710  
600 Highland Ave  
Madison, WI 53792-7375  
608 263-1377

*Length:* 5 Year(s) *Total Positions:* 30 (GYI: 8)  
**Program ID: 440-56-21-355**

**Marshfield****University of Wisconsin (Marshfield) Program**

Marshfield Clinic-St Joseph's Hospital

*Program Director:*  
Bruce E Brink, MD  
Marshfield Clinic  
Dept of General Surgery 3F1  
1000 N Oak Ave  
Marshfield, WI 54449  
715 387-5384

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID: 440-56-31-356**

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyno Hospital

*Program Director:*  
Robert E Condon, MD  
Froedtert Memorial Lutheran Hospital Dept of Surgery  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5705

*Length:* 5 Year(s) *Total Positions:* 48 (GYI: 12)  
*Subspecialties:* VS  
**Program ID: 440-56-21-357**

\* Updated information not provided.

## Surgical Critical Care (Surgery-General)

### California

#### Orange

##### University of California (Irvine) Program

University of California (Irvine) Medical Center

*Program Director:*

Kenneth Waxman, MD  
University of California (Irvine) Medical Center  
101 City Dr S  
Orange, CA 92668  
714 456-5840

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 442-05-21-003

#### Sacramento

##### University of California (Davis) Program

University of California (Davis) Medical Center

*Program Director:*

David H Wisner, MD  
University of California (Davis) Medical Center  
Dept of Surgery  
4301 X St Rm 2310  
Sacramento, CA 95817  
916 734-8298

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 442-05-21-017

### Connecticut

#### Hartford

##### Hartford Hospital/University of Connecticut Program

Hartford Hospital

*Program Director:*

Neil S Yeston, MD  
Hartford Hospital  
80 Seymour St  
PO Box 5037  
Hartford, CT 06102-5037  
203 545-5022

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 442-08-21-020

#### New Haven

##### Yale-New Haven Medical Center Program\*

Yale-New Haven Hospital  
Bridgeport Hospital

*Program Director:*

Stephen M Cohn, MD  
Surgical Critical Care  
350 Congress Ave Ste 3A  
New Haven, CT 06510  
203 785-2572

*Length:* 1 Year(s)  
*Program ID:* 442-08-21-045

### Florida

#### Miami

##### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Joseph M Civetta, MD  
University of Miami School of Medicine  
Dept of Surgery (R44)  
1600 NW Tenth Ave  
Miami, FL 33136  
305 585-2710

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 442-11-21-004

### Hawaii

#### Honolulu

##### University of Hawaii Program

University of Hawaii John A Burns School of Medicine  
Queen's Medical Center

*Program Director:*

Mihae Yu, MD  
University of Hawaii at Manoa  
John A Burns Sch of Medicine  
1356 Lusitana St 6th Fl  
Honolulu, HI 96813  
808 586-2923

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 442-14-21-036

### Maryland

#### Baltimore

##### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Pamela A Lipsett, MD  
600 N Wolfe St  
Blalock 605  
Baltimore, MD 21287-4605  
410 955-3739

*Length:* 1 Year(s) *Total Positions:* 5  
*Program ID:* 442-23-31-009

##### University of Maryland Program

University of Maryland Medical System

*Program Director:*

Donald S Gann, MD  
Univ of Maryland Schl of Med  
Sect of Trauma & Critical Care  
22 S Greene St  
Baltimore, MD 21201  
410 328-8701

*Length:* 1 Year(s) *Total Positions:* 12  
*Program ID:* 442-23-21-032

### Massachusetts

#### Boston

##### Boston University Program

Boston University Medical Center-University Hospital  
Boston City Hospital

*Program Director:*

Richard C Dennis, MD  
Boston University Medical Center Hospital  
Critical Care Medicine A2707  
88 E Newton St  
Boston, MA 02118-2393  
617 638-6406

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 442-24-21-011

### Michigan

#### Ann Arbor

##### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

Robert H Bartlett, MD  
University of Michigan Hospital  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0831  
313 936-5822

*Length:* 1 Year(s) *Total Positions:* 4  
*Program ID:* 442-25-21-013

#### Detroit

##### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

H Mathilda Horst, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-1052

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 442-25-21-026

##### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine

*Program Director:*

Michael D Klein, MD  
Children's Hospital of Michigan  
Dept of Pediatric General Surgery  
3901 Beaubien  
Detroit, MI 48201  
313 745-5840

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 442-25-31-027

#### Grand Rapids

##### Butterworth Hospital/Michigan State University Program

Butterworth Hospital

*Program Director:*

Bruce W Bonnell, MD  
Center for Surgical Education  
221 Michigan NE  
Ste 200

Grand Rapids, MI 49503  
616 732-3745

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 442-25-21-014

\* Updated information not provided.

**Minnesota****Minneapolis****University of Minnesota Program**

University of Minnesota Medical School  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Frank B Cerra, MD  
University of Minnesota Hospitals and Clinics  
420 Delaware St SE  
Box 42 UMHC  
Minneapolis, MN 55455  
612 625-8989

*Length:* 1 Year(s) *Total Positions:* 6  
**Program ID:** 442-26-21-022

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
St Mary's Hospital of Rochester

*Program Director:*

Michael P Bannon, MD  
Mayo Clinic  
Dept of Surgery  
200 First St SW  
Rochester, MN 55905  
507 255-6365

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 442-26-21-034

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

Michael H Metzler, MD  
University of Missouri-Columbia Hospitals and Clinics  
Surgery-Critical Care  
One Hospital Dr Rm N323  
Columbia, MO 65212  
314 882-2245

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 442-28-21-016

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St John's Mercy Medical Center  
St Louis University Hospital

*Program Director:*

Rodney M Durham, MD  
St Louis University  
3635 Vista  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8365

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 442-28-21-023

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Cooper Hospital-University Medical Center

*Program Director:*

Gus J Slotman, MD  
Cooper Hospital-University Medical Center  
Dept of Surg/Div of Surg Crit Care  
3 Cooper Plaza Ste 411  
Camden, NJ 08103  
609 963-3673

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 442-33-21-031

**New York****Manhasset****North Shore University Hospital Program**

North Shore University Hospital

*Program Director:*

Dan S Reiner, MD  
Robert J Ward, MD  
North Shore University Hospital  
300 Community Dr  
Manhasset, NY 11030-3876  
516 562-4864

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 442-35-21-015

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Rochester General Hospital

*Program Director:*

David V Feliciano, MD  
University of Rochester Medical Center  
Dept of Surgery  
601 Elmwood Ave  
Rochester, NY 14642  
716 275-3376

*Length:* 1 Year(s)  
**Program ID:** 442-35-21-025

**Valhalla****New York Medical College (Lincoln) Program**

New York Medical College  
Our Lady of Mercy Medical Center  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center

*Program Director:*

William M Stahl, MD  
Lincoln Hospital  
Dept of Surgery  
234 E 149th St  
Bronx, NY 10451  
718 579-5890

*Length:* 9 Year(s) *Total Positions:* 4  
**Program ID:** 442-35-31-033

**New York Medical College at Westchester County Medical Center Program**

New York Medical College  
Westchester County Medical Center

*Program Director:*

John A Savino, MD  
Dept of Surgery  
Munger Pavillion  
Valhalla, NY 10595  
914 993-4352

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 442-35-11-035

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*

Anthony A Meyer, MD  
University of North Carolina Hospitals and Clinics  
164 Burnett Womack  
Campus 7210  
Chapel Hill, NC 27599-7210  
919 966-4321

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 442-36-21-028

**Durham****Duke University Program\***

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

R Lawrence Reed II, MD  
Dept of Surgery & Anesthesiology  
Duke University Medical Center  
PO Box 3501  
Durham, NC 27710  
919 681-5080

*Length:* 1 Year(s)  
**Program ID:** 442-36-21-037

**Ohio****Columbus****Ohio State University Program**

Ohio State University Medical Center

*Program Director:*

Louis Flancbaum, MD  
The Ohio State University Hospital  
410 W Tenth Ave  
N737 Doan Hall  
Columbus, OH 43210  
614 293-4027

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 442-38-21-021

\* Updated information not provided.

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program\*

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Robert N Cooney, MD  
Dept of Surgery  
The Milton S Hershey Med Ctr  
PO Box 850  
Hershey, PA 17033  
717 531-4404

*Length:* 1 Year(s)

**Program ID:** 442-41-21-041

### Pittsburgh

#### University Health Center of Pittsburgh Program

University Health Center of Pittsburgh  
Presbyterian-University Hospital/UPMC

*Program Director:*

Andrew B Peitzman, MD  
Surgical Critical Care Fellowship  
1071 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9863

*Length:* 1 Year(s) *Total Positions:* 3

**Program ID:** 442-41-21-005

## Rhode Island

### Providence

#### Brown University Program\*

Rhode Island Hospital  
Miriam Hospital

*Program Director:*

H Hank Simms, MD  
Dept of Surgery Div of Surgical Critical Care/Trauma  
Rhode Island Hospital  
593 Eddy St  
Providence, RI 02903  
401 444-5853

*Length:* 1 Year(s)

**Program ID:** 442-43-21-044

## Tennessee

### Knoxville

#### University of Tennessee Medical Center at Knoxville Program\*

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

Blaine L Enderson, MD  
Div of Trauma/Critical Care  
Univ of TN Med Ctr at Knoxville  
1924 Alcoa Hwy U-11  
Knoxville, TN 37920  
615 544-9296

*Length:* 1 Year(s)

**Program ID:** 442-47-21-043

## Memphis

#### University of Tennessee Program

University of Tennessee College of Medicine  
Regional Medical Center at Memphis

*Program Director:*

Timothy C Fabian, MD  
Univ of Tennessee Memphis  
Dept of Surgery  
956 Court Ave Box 16  
Memphis, TN 38163  
901 448-5914

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 442-47-21-024

## Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center

*Program Director:*

Loren D Nelson, MD  
Vanderbilt University School of Medical  
T-2104 Med Ctr N  
21st & Garland Ave  
Nashville, TN 37232-2100  
615 343-6914

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 442-47-21-007

## Texas

### Dallas

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial  
Hospital

*Program Director:*

Joseph P Minei, MD  
Univ of Texas Southwestern Medical Center  
Dept of Surgery  
5323 Harry Hines Blvd  
Dallas, TX 75235  
214 648-7295

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 442-48-21-001

### Fort Sam Houston

#### Brooke Army Medical Center Program

Brooke Army Medical Center

*Program Director:*

LTC Jonathan H Jaffin, MD  
Brooke Army Medical Center  
Dept of Surgery  
Critical Care Med  
Fort Sam Houston, TX 78234-6200  
210 916-8250

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID:** 442-48-22-008

### Houston

#### University of Texas at Houston Program\*

University of Texas Medical School at Houston  
Hermann Hospital

*Program Director:*

Nathan E Coates, MD  
Dept of Surgery  
University of Texas at Houston  
6431 Faunin MSB 4.164  
Houston, TX 77030  
713 794-5168

*Length:* 1 Year(s)

**Program ID:** 442-48-21-038

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*

Robert E Condon, MD  
Dept of Surgery  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 454-5705

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID:** 442-56-21-010

\* Updated information not provided.

# Thoracic Surgery

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*  
A D Pacifico, MD  
University of Alabama Medical Center  
UAB Station  
Birmingham, AL 35294-0016  
205 934-6209

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 460-01-21-007

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*  
Jack G Copeland, MD  
University of Arizona Health Sciences Center  
Cardiothoracic Surgery  
1501 N Campbell Ave Rm 4402  
Tucson, AZ 85724  
602 626-6339

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 460-03-21-106

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*  
James E Harrell Jr, MD  
Arkansas Children's Hospital  
800 Marshall St  
Little Rock, AR 72202-3591  
501 320-1809

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 460-04-21-008

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Kaiser Foundation Hospital (Fontana)

*Program Director:*  
Steven R Gundry, MD  
Loma Linda Medical Center  
Div of Cardiothoracic Surgery  
11234 Anderson St Rm 2560  
Loma Linda, CA 92354  
909 824-4354

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 460-05-21-102

### Los Angeles

#### UCLA Medical Center Program\*

UCLA School of Medicine  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*  
Hillel Laks, MD  
UCLA Ctr for the Hlth Sci  
Cardiothoracic Surgery Rm 62-182A  
10833 Le Conte Ave  
Los Angeles, CA 90024-1705  
310 206-8232

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 460-05-21-013

#### University of Southern California Program

Los Angeles County-USC Medical Center  
Childrens Hospital of Los Angeles

*Program Director:*  
Vaughn A Starnes, MD  
USC Cardiothoracic Surgery Training Prgm at LAC+USC  
Med Ctr  
CHLA and University Hospital  
1510 San Pablo St Ste 415  
Los Angeles, CA 90033  
213 342-5849

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 460-05-22-011

### Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center  
Children's Hospital Medical Center of Northern  
California  
Kaiser Foundation Hospital (Sacramento)

*Program Director:*  
John R Benfield, MD  
University of California Davis Medical Center  
Div of Cardiothoracic Surgery  
4301 X St  
Sacramento, CA 95817  
916 734-3862

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 460-05-21-112

## San Diego

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*  
Stuart W Jamieson, MD  
Richard Peters, MD  
UCSD Med Ctr  
Div of Cardiothoracic Surgery  
200 W Arbor Dr 8892  
San Diego, CA 92103-8892  
619 543-6133

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 460-05-21-109

## San Francisco

#### University of California (San Francisco) Program

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*  
Frank L Hanley, MD  
Benson B Roe, MD  
University of California San Francisco  
Div of Cardiothoracic Surgery  
M-593 Box 0118  
San Francisco, CA 94143-0118  
415 476-4607

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID:** 460-05-21-015

## Stanford

#### Stanford University Program

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*  
Bruce A Reitz, MD  
Stanford University School of Medicine  
Dept of Cardiothoracic Surgery  
Stanford, CA 94305-5247  
415 723-5771

*Length:* 2 Year(s) *Total Positions:* 6  
*Subspecialties:* VS  
**Program ID:** 460-05-21-016

## Colorado

### Denver

#### University of Colorado Program

University of Colorado Health Sciences Center  
Children's Hospital  
Veterans Affairs Medical Center (Denver)

*Program Director:*  
Frederick L Grover, MD  
Univ of Colorado Hlth Sci Ctr  
4200 E Ninth Ave #C310  
Denver, CO 80262  
303 270-8527

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 460-07-21-017

\* Updated information not provided.

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital

*Program Director:*

John A Elefteriades, MD  
Yale University School of Medicine  
333 Cedar St  
New Haven, CT 06510-8062  
203 785-2704

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 460-08-21-018

## District of Columbia

### Washington

#### George Washington University Program

George Washington University School of Medicine  
Children's National Medical Center  
George Washington University Hospital  
Veterans Affairs Medical Center (Washington, DC)  
Washington Hospital Center

*Program Director:*

Benjamin L Aaron, MD  
George Washington University  
2150 Pennsylvania Ave  
Washington, DC 20037  
202 994-3947

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 460-10-21-019

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*

Michael J Barry, MD  
Chief Thoracic Surgery Service  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-1433

*Length:* 2 Year(s) *Total Positions:* 2  
*Program ID:* 460-10-11-003

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

James A Alexander, MD  
PO Box 100286-0286  
Gainesville, FL 32610-0286  
904 846-0364

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 460-11-21-020

## Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
Mount Sinai Medical Center of Greater Miami  
Veterans Affairs Medical Center (Miami)

*Program Director:*

Richard J Thurer, MD  
Jackson Memorial Hospital  
1611 NW 12th Ave  
E Tower 3072  
Miami, FL 33136-1094  
305 324-5834

*Length:* 2 Year(s) *Total Positions:* 4  
*Program ID:* 460-11-21-021

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Crawford Long Hospital of Emory University  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Robert A Guyton, MD  
The Emory Clinic Cardiothoracic Surgery  
1365 Clifton Rd NE  
Atlanta, GA 30322  
404 248-3629

*Length:* 2 Year(s) *Total Positions:* 9  
*Program ID:* 460-12-21-022

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

H Victor Moore, MD  
Med Coll of Georgia Hosp and Clinics  
Dept of Cardiothoracic Surgery  
BA 4306  
Augusta, GA 30912-4040  
706 721-3226

*Length:* 2 Year(s) *Total Positions:* 3  
*Program ID:* 460-12-21-023

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center  
Evanston Hospital  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

John H Sanders Jr, MD  
Northwestern University Medical School  
251 E Chicago Ave  
Wesley Tower Ste #1030  
Chicago, IL 60611  
312 908-3121

*Length:* 3 Year(s) *Total Positions:* 3  
*Program ID:* 460-16-21-025

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Hassan Najafi, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612-3864  
312 942-6373

*Length:* 2 Year(s) *Total Positions:* 6

*Subspecialties:* VS

*Program ID:* 460-16-21-027

#### University of Chicago Program

University of Chicago Hospitals  
LaGrange Memorial Health System  
Louis A Weiss Memorial Hospital

*Program Director:*

Robert B Karp, MD  
University of Chicago  
5841 S Maryland Ave MC5040  
Chicago, IL 60637  
312 702-2500

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 460-16-11-028

#### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago  
Cook County Hospital  
EHS Christ Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Renee S Hartz, MD  
Univ of Illinois Hosp Div of Cardiothoracic Surgery  
1740 W Taylor St  
M/C969 Rm 2161-UIH  
Chicago, IL 60612  
312 996-7956

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 460-16-21-029

## Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

Roque Pifarre, MD  
Foster G McGaw Hospital  
Thoracic and Cardiovascular Surgery  
2160 S First Ave  
Maywood, IL 60153  
708 216-6588

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 460-16-31-030

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center

*Program Director:*

John W Brown, MD  
Indiana University Medical Center  
Emerson Hall 212  
545 Barnhill Dr  
Indianapolis, IN 46202-5125  
317 274-7150

*Length:* 2 Year(s) *Total Positions:* 4

*Program ID:* 460-17-21-031

\* Updated information not provided.

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*  
Douglas M Behrendt, MD  
University Iowa Hospitals and Clinics  
Dept of Surgery  
Div of Cardiothoracic Surgery  
Iowa City, IA 52242-1009  
319 356-2761

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 460-18-21-032**

## Kansas

### Kansas City

#### University of Kansas Medical Center Program\*

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*  
Jon F Moran, MD  
1232 Kansas University Hospital  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7373  
913 588-2840

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-19-21-108**

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*  
Robert K Salley, MD  
University of Kentucky Medical Center  
800 Rose St MN276  
Dept of Cardiothoracic Surgery  
Lexington, KY 40536-0084  
606 323-6494

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-20-21-034**

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Jewish Hospital  
Kosair Children's Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*  
Laman A Gray Jr, MD  
School of Medicine Dept of Surgery  
University of Louisville  
Louisville, KY 40292  
502 852-5198

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 460-20-21-105**

## Louisiana

### New Orleans

#### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation

*Program Director:*  
John L Ochsner, MD  
Alton Ochsner Medical Foundation  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4073

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-21-21-036**

#### Tulane University Program

Tulane University School of Medicine  
Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*  
John D Pigott, MD  
Tulane University Medical School  
Dept of Surgery  
1490 Tulane Ave  
New Orleans, LA 70112  
504 582-7998

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-21-21-103**

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*  
William A Baumgartner, MD  
Johns Hopkins Hospital  
Blalock 618  
600 N Wolfe St  
Baltimore, MD 21287-4618  
410 955-5248

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID: 460-23-11-037**

#### University of Maryland Program

University of Maryland Medical System  
*Program Director:*  
Joseph S McLaughlin, MD  
University of Maryland Hospital  
22 S Greene St  
Baltimore, MD 21201  
410 328-5842

*Length:* 3 Year(s) *Total Positions:* 2  
**Program ID: 460-23-11-038**

## Massachusetts

### Boston

#### Boston University Program

Boston University Medical Center-University Hospital  
Boston City Hospital  
Children's Hospital  
Lahey Clinic

*Program Director:*  
Richard J Shemin, MD  
University Hospital Dept of Cardio-Thoracic Surgery  
88 E Newton St  
Boston, MA 02118-2393  
617 638-7350

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID: 460-24-21-039**

#### Brigham and Women's Hospital/Children's Hospital Program\*

Brigham and Women's Hospital  
Children's Hospital

*Program Director:*  
Lawrence H Cohn, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-7678

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID: 460-24-22-043**

#### Massachusetts General Hospital Program

Massachusetts General Hospital  
Children's Hospital  
Mount Auburn Hospital

*Program Director:*  
Mortimer J Buckley, MD  
Massachusetts General Hospital  
55 Fruit St  
Boston, MA 02114  
617 726-3726

*Length:* 3 Year(s) *Total Positions:* 7  
**Program ID: 460-24-11-040**

#### New England Deaconess Hospital Program

New England Deaconess Hospital  
Children's Hospital  
Lahey Clinic

*Program Director:*  
Sidney Levitsky, MD  
New England Deaconess Hospital  
110 Francis St Ste 2C  
Boston, MA 02215  
617 632-8383

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID: 460-24-21-041**

#### New England Medical Center Hospitals Program

New England Medical Center Hospitals  
St Elizabeth's Medical Center of Boston

*Program Director:*  
Douglas D Payne, MD  
New England Medical Center  
750 Washington St  
Boston, MA 02111  
617 956-5593

*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-24-21-042**

\* Updated information not provided.



## Worcester

### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center  
Children's Hospital  
St Vincent Hospital

*Program Director:*

Thomas J Vander Salm, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-2216

*Length:* 3 Year(s) *Total Positions:* 3

*Program ID:* 460-24-21-111

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Mark B Orringer, MD  
University Hospital  
2110 K-A Alfred Taubman Hlth Care  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0344  
313 936-4975

*Length:* 2 Year(s) *Total Positions:* 9

*Program ID:* 460-25-21-044

### Detroit

#### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Harper Hospital

*Program Director:*

Larry W Stephenson, MD  
Harper Hospital Dept of Surgery  
Cardiothoracic Section  
3990 John R Ste 228 Prof Bldg  
Detroit, MI 48201  
313 745-1414

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 460-25-21-045

## Minnesota

### Minneapolis

#### University of Minnesota Program\*

University of Minnesota Medical School  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

R Morton Bolman III, MD  
University of Minnesota Hospitals  
420 Delaware St  
Box 207 UMHC  
Minneapolis, MN 55455  
612 625-3902

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 460-26-21-046

## Rochester

### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Hartzell V Schaff, MD  
MSGM Application Processing Ctr  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-7069

*Length:* 3 Year(s) *Total Positions:* 6

*Program ID:* 460-26-21-047

## Mississippi

### Jackson

#### University of Mississippi Medical Center Program

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*

Bobby J Heath, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4525  
601 984-5170

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 460-27-11-048

## Missouri

### Columbia

#### University of Missouri-Columbia Program

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*

Jack J Curtis, MD  
University of Missouri Hospital and Clinics  
Dept of Cardiothoracic Surg MA312  
Columbia, MO 65212  
314 882-6954

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 460-28-21-049

### Kansas City

#### St Luke's Hospital Program

St Luke's Hospital

*Program Director:*

Jeffrey M Piehler, MD  
44th & Wornall  
Kansas City, MO 64111  
816 931-7743

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 460-28-12-050

## St Louis

### Barnes Hospital Group Program

Barnes Hospital  
Jewish Hospital of St Louis  
St Louis Children's Hospital

*Program Director:*

James L Cox, MD  
Grad Med Educ Washington University  
One Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-6185

*Length:* 2 Year(s) *Total Positions:* 6

*Program ID:* 460-28-21-051

### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

George C Kaiser, MD  
St Louis University School of Medicine  
3635 Vista Ave at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8351

*Length:* 2 Year(s) *Total Positions:* 2

*Program ID:* 460-28-21-052

## New Jersey

### Newark

#### Newark Beth Israel Medical Center Program

Newark Beth Israel Medical Center  
Children's Hospital of New Jersey

*Program Director:*

Isaac Gielchinsky, MD  
Newark Beth Israel Medical Center  
201 Lyons Ave  
Newark, NJ 07112  
201 926-7325

*Length:* 2 Year(s) *Total Positions:* 1

*Program ID:* 460-33-11-054

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
St Michael's Medical Center (Cathedral Health Services Inc)

UMDNJ-University Hospital

*Program Director:*

James S Donahoo, MD  
UMDNJ-New Jersey Medical School  
Section of Cardiothoracic Surgery  
185 S Orange Ave G-584  
Newark, NJ 07103-2714  
201 982-5678

*Length:* 2 Year(s) *Total Positions:* 3

*Program ID:* 460-33-21-053

## Piscataway

### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Deborah Heart and Lung Center  
Robert Wood Johnson University Hospital  
St Peter's Medical Center

*Program Director:*

James W Mackenzie, MD

UMDNJ-Robert Wood Johnson Medical School  
One Robert Wood Johnson Pl CN19  
51 French St  
New Brunswick, NJ 08903-0019  
908 235-7806

*Length:* 3 Year(s) *Total Positions:* 3

**Program ID:** 460-33-21-110

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Jorge A Wernly, MD

University of New Mexico Medical Center  
Dept of Cardiothoracic Surg 2-ACC  
2211 Lomas Blvd NE  
Albuquerque, NM 87131-5341  
505 272-6901

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 460-34-21-055

## New York

### Albany

#### Albany Medical Center Program\*

Albany Medical Center Hospital

*Program Director:*

Victor A Ferraris, MD PhD

Albany Medical College Dept of Thoracic Surgery  
47 New Scotland Ave  
Ste A330/A-61  
Albany, NY 12208-3479  
518 262-5714

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 460-35-11-056

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital

*Program Director:*

William A Gay, MD

Montefiore Medical Center  
Cardiothoracic Surgery  
111 E 210th St  
Bronx, NY 10467  
718 920-5541

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-35-21-058

## Brooklyn

### SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Maimonides Medical Center  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Joseph N Cunningham Jr, MD

SUNY Health Science Center at Brooklyn  
Div of Cardiothoracic Surgery  
450 Clarkson Ave  
Brooklyn, NY 11203  
718 270-1981

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-35-11-066

## Buffalo

### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

SUNY at Buffalo Grad Medical-Dental Education  
Consortium

Buffalo General Hospital  
Children's Hospital of Buffalo  
Millard Fillmore Hospitals  
Roswell Park Cancer Institute  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Eddie L Hoover, MD

Erie County Medical Center  
462 Grider St  
Buffalo, NY 14215  
716 898-5092

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-35-21-057

## New Hyde Park

### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center

*Program Director:*

L Michael Graver, MD

Long Island Jewish Med Ctr Dept of Cardiothoracic  
Surgery  
The Heart Institute Rm 2123  
270-05 76th Ave  
New Hyde Park, NY 11040  
718 470-7460

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 460-35-21-062

## New York

### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*

Randall B Griep, MD

M Arisan Ergin, MD  
Mount Sinai Medical Center  
One Gustave L Levy Pl  
Box 1028  
New York, NY 10029-6574  
212 241-8181

*Length:* 3 Year(s) *Total Positions:* 4

**Program ID:** 460-35-11-064

## New York Hospital/Cornell Medical Center Program\*

New York Hospital  
Memorial Sloan-Kettering Cancer Center

*Program Director:*

O Wayne Isom, MD

Robert J Ginsberg, MD

New York Hospital  
525 E 68th St  
New York, NY 10021  
212 746-5151

*Length:* 2 Year(s)

**Program ID:** 460-35-11-060

## New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Stephen B Colvin, MD

New York University Medical Center

530 First Ave Ste 6-D

New York, NY 10016

212 263-6384

*Length:* 2 Year(s) *Total Positions:* 6

**Program ID:** 460-35-21-065

## Presbyterian Hospital in the City of New York Program

Presbyterian Hospital in the City of New York

*Program Director:*

Eric A Rose, MD

Presbyterian Hospital in the City of New York

177 Fort Washington Ave

New York, NY 10032

212 305-2633

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-35-21-059

## Rochester

### University of Rochester Program

Strong Memorial Hospital of the University of Rochester  
Rochester General Hospital

*Program Director:*

George L Hicks Jr, MD

Strong Memorial Hospital of the University of Rochester

Box Surgery

601 Elmwood Ave

Rochester, NY 14642

716 275-5384

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-35-21-067

## Syracuse

### SUNY Health Science Center at Syracuse Program

University Hospital-SUNY Health Science Center at  
Syracuse  
Crouse-Irving Memorial Hospital

*Program Director:*

Frederick B Parker Jr, MD

SUNY Health Science Center

Div of Cardiopulmonary Surgery

750 E Adams St

Syracuse, NY 13210

315 464-5549

*Length:* 2 Year(s) *Total Positions:* 2

**Program ID:** 460-35-21-068

\* Updated information not provided.

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals  
*Program Director:*  
 Benson R Wilcox, MD  
 University of North Carolina School of Medicine  
 Div of Cardiothoracic Surgery  
 108 Burnett-Womack Bldg CB#7065  
 Chapel Hill, NC 27599-7065  
 919 966-3381  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID: 460-36-11-069**

### Charlotte

#### Carolinas Medical Center Program

Carolinas Medical Center  
*Program Director:*  
 Francis Robicsek, MD  
 Dept of Thoracic Cardiac & Vascular Surgery  
 Carolinas Medical Center  
 PO Box 32861  
 Charlotte, NC 28232-2861  
 704 355-4005  
*Length:* 2 Year(s) *Total Positions:* 4  
*Subspecialties:* VS  
**Program ID: 460-36-12-070**

### Durham

#### Duke University Program

Duke University Medical Center  
 Veterans Affairs Medical Center (Asheville)  
 Veterans Affairs Medical Center (Durham)  
*Program Director:*  
 Walter G Wolfe, MD  
 James B Duke, MD  
 Duke University Medical Center Dept of Surgery  
 PO Box 3507  
 Durham, NC 27710  
 919 684-4771  
*Length:* 3 Year(s) *Total Positions:* 12  
**Program ID: 460-36-21-071**

### Winston-Salem

#### Bowman Gray School of Medicine Program\*

North Carolina Baptist Hospital  
*Program Director:*  
 John W Hammon Jr, MD  
 Bowman Gray School of Medicine  
 Medical Center Blvd  
 Winston-Salem, NC 27157-1096  
 919 716-2124  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-36-11-072**

## Ohio

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland  
 MetroHealth Medical Center  
 Veterans Affairs Medical Center (Cleveland)  
*Program Director:*  
 Alexander S Geha, MD MS  
 University Hospitals of Cleveland  
 11100 Euclid Ave  
 Cleveland, OH 44106-5000  
 216 844-3051  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 460-38-21-074**

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation  
*Program Director:*  
 Delos M Cosgrove III, MD  
 Cleveland Clinic Foundation  
 9600 Euclid Ave F25  
 Dept of Thoracic Surgery  
 Cleveland, OH 44195  
 216 445-6816  
*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID: 460-38-12-075**

### Columbus

#### Ohio State University Program

Ohio State University Medical Center  
 Children's Hospital  
*Program Director:*  
 P David Myerowitz, MD  
 The Ohio State University Hospital  
 N-825 Doan Hall  
 410 W Tenth Ave  
 Columbus, OH 43210  
 614 293-8866  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID: 460-38-21-077**

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
 Children's Hospital of Oklahoma  
 University Hospital and Clinics  
 Veterans Affairs Medical Center (Oklahoma City)  
*Program Director:*  
 Ronald C Elkins, MD  
 University of Oklahoma College of Medicine  
 PO Box 26901  
 Oklahoma City, OK 73190  
 405 271-5789  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-39-21-078**

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
 Veterans Affairs Medical Center (Portland)  
*Program Director:*  
 Adnan Cobanoglu, MD  
 Oregon Health Sciences University L353  
 3181 SW Sam Jackson Park Rd  
 Portland, OR 97201-3098  
 503 494-7820  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-40-21-079**

## Pennsylvania

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr  
*Program Director:*  
 William S Pierce, MD  
 Milton S Hershey Medical Center of the Penn State University  
 Dept of Surgery C4608  
 500 University Dr PO Box 850  
 Hershey, PA 17033  
 717 531-8328  
*Length:* 2 Year(s) *Total Positions:* 2  
**Program ID: 460-41-11-080**

### Philadelphia

#### MCPHU/Hahnemann University Hospital Program

Hahnemann University Hospital  
 Fox Chase Cancer Center  
 St Christopher's Hospital for Children  
*Program Director:*  
 Stanley K Brockman, MD  
 Hahnemann University  
 Broad & Vine MS111  
 Philadelphia, PA 19102-1192  
 215 762-7803  
*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID: 460-41-21-104**

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
 Children's Hospital of Philadelphia  
 The Medical Center of Delaware  
*Program Director:*  
 Richard N Edie, MD  
 Thomas Jefferson University  
 1025 Walnut St Ste 607  
 Philadelphia, PA 19107  
 215 955-5654  
*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID: 460-41-21-081**

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
 Children's Hospital of Philadelphia  
*Program Director:*  
 Timothy J Gardner, MD  
 Hospital of the University of Pennsylvania  
 3400 Spruce St  
 Fourth Silverstein Pavilion  
 Philadelphia, PA 19104  
 215 662-2022  
*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID: 460-41-21-082**

\* Updated information not provided.

**Pittsburgh****MCPHU/Allegheny General Hospital Program**

Allegheny General Hospital  
West Virginia University Hospitals

*Program Director:*

George J Magovern, MD  
Dept of Surgery  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-3715

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 460-41-31-084

**University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Presbyterian-University Hospital/UPMC  
Westmoreland Hospital

*Program Director:*

Bartley P Griffith, MD  
University Health Center of Pittsburgh  
Dept of Surgery  
497 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9890

*Length:* 3 Year(s) *Total Positions:* 6  
**Program ID:** 460-41-21-085

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
Charleston Memorial Hospital  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

Fred A Crawford Jr, MD  
Medical University of South Carolina  
171 Ashley Ave  
Charleston, SC 29425  
803 792-5897

*Length:* 3 Year(s) *Total Positions:* 3  
**Program ID:** 460-45-21-087

**Tennessee****Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
Baptist Memorial Hospital  
LeBonheur Children's Medical Center  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Donald C Watson, MD  
University of Tennessee Memphis  
Div of Thoracic Surgery  
956 Court Ave G230  
Memphis, TN 38163  
901 448-4541

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 460-47-21-088

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Harvey W Bender Jr, MD  
The Vanderbilt Clinic  
Rm 2986  
1301 22nd Ave S  
Nashville, TN 37232-5734  
615 322-0064

*Length:* 3 Year(s) *Total Positions:* 4  
**Program ID:** 460-47-31-089

**Texas****Dallas****University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital  
St Paul Medical Center  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

W Steves Ring, MD  
University of Texas Southwestern Medical School  
5323 Harry Hines Blvd  
Cardiothoracic Surgery  
Dallas, TX 75235-8879  
214 648-3568

*Length:* 2 Year(s) *Total Positions:* 5  
**Program ID:** 460-48-21-090

**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center  
Wilford Hall USAF Medical Center (SG)

*Program Director:*

David J Cohen, MD  
Brooke Army Medical Center  
HSHE-SDC/Bldg 2376  
1950 Stanley Rd  
Fort Sam Houston, TX 78234-6347  
210 916-9412

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 460-48-12-004

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Vincent R Conti, MD  
University of Texas Medical Branch Hospitals  
Div of Thoracic Surgery  
Rt E-28  
Galveston, TX 77555-0528  
409 772-1203

*Length:* 2 Year(s) *Total Positions:* 1  
**Program ID:** 460-48-21-091

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Kenneth Mattox, MD  
Baylor College of Medicine  
Surgery Educ Office  
One Baylor Plaza Rm 402D  
Houston, TX 77030  
713 798-6078

*Length:* 2 Year(s) *Total Positions:* 6  
**Program ID:** 460-48-21-092

**Texas Heart Institute Program**

Texas Heart Institute  
Hermann Hospital  
St Luke's Episcopal Hospital  
Texas Children's Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Denton A Cooley, MD  
Texas Heart Institute  
PO Box 20345  
Houston, TX 77225-0345  
713 791-4900

*Length:* 2 Year(s) *Total Positions:* 8  
**Program ID:** 460-48-21-093

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center

*Program Director:*

J Kent Trinkle, MD  
University of Texas Health Science Center  
Div of Cardiothoracic Surgery  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7841  
210 567-5617

*Length:* 2 Year(s) *Total Positions:* 3  
**Program ID:** 460-48-21-094

**Utah****Salt Lake City****University of Utah Program**

University of Utah Medical Center  
LDS Hospital  
Primary Children's Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

S V Karwande, MD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-5311

*Length:* 2 Year(s) *Total Positions:* 4  
**Program ID:** 460-49-21-095

\* Updated information not provided.

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Irving L. Kron, MD

University of Virginia Hospitals

Dept of Surgery

Box 310

Charlottesville, VA 22908

804 924-2158

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-51-11-096

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)

Medical College of Virginia Hospitals

*Program Director:*

Andrew S Wechsler, MD

MCV/Virginia Commonwealth Univ

PO Box 980645

Richmond, VA 23298-0645

804 828-7874

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-51-11-097

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine

Children's Hospital and Medical Center

University of Washington Medical Center

Veterans Affairs Medical Center (Seattle)

*Program Director:*

Edward D Verrier, MD

Div of Cardiothoracic Surgery SA-25

University of Washington

1959 NE Pacific Ave Rm AA115

Seattle, WA 98195

206 685-3370

*Length:* 3 Year(s) *Total Positions:* 4

**Program ID:** 460-54-21-098

## West Virginia

### Morgantown

#### West Virginia University Program

West Virginia University Hospitals

Monongalia General Hospital

*Program Director:*

Gordon F Murray, MD

Dept of Surgery

PO Box 9238 HSCN

West Virginia University

Morgantown, WV 26506

304 293-4869

*Length:* 2 Year(s) *Total Positions:* 1

**Program ID:** 460-55-11-099

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics

St Marys Hospital Medical Center

William S Middleton Veterans Hospital

*Program Director:*

Robert M Mentzer Jr, MD

University of Wisconsin Hospital and Clinics

Div of Cardiothoracic Surgery

600 Highland Ave CSC H4/358

Madison, WI 53792-3236

608 263-0439

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-56-21-100

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

Children's Hospital of Wisconsin

Clement J Zablocki Veterans Affairs Medical Center

John L Doyne Hospital

*Program Director:*

Gordon N Olinger, MD

Medical College of Wisconsin Milwaukee Regional Med

Ctr

8700 W Wisconsin Ave

Milwaukee, WI 53226

414 257-5545

*Length:* 2 Year(s) *Total Positions:* 4

**Program ID:** 460-56-21-101

## Transitional Year

## Alabama

### Birmingham

#### Birmingham Baptist Medical Centers Program

Birmingham Baptist Medical Centers Inc.

Birmingham Baptist Medical Center-Montclair

Birmingham Baptist Medical Center-Princeton

*Program Director:*

Robert A Kreisberg, MD

Baptist Medical Center-Montclair

840 Montclair Rd

Birmingham, AL 35213

205 592-1591

*Length:* 1 Year(s) *Total Positions:* 14 (*GYI:* 14)

*Sponsoring Spec:* DR,GS,IM

**Program ID:** 999-01-00-001

#### Carraway Methodist Medical Center Program

Carraway Methodist Medical Center

*Program Director:*

E David Haigler Jr, MD

Carraway Methodist Medical Center

1600 Carraway Blvd

Birmingham, AL 35234

205 226-6358

*Length:* 1 Year(s) *Total Positions:* 6 (*GYI:* 6)

*Sponsoring Spec:* FP,GS,IM,OBG

**Program ID:** 999-01-00-002

## Arizona

### Phoenix

#### Good Samaritan Regional Medical Center Program

Good Samaritan Regional Medical Center

Carl T Hayden Veterans Affairs Medical Center (Phoenix)

*Program Director:*

Patrick S Pasulka, MD

Good Samaritan Regional Medical Center

Dept of Med Educ LL-2

1111 E McDowell Rd PO Box 52174

Phoenix, AZ 85062-2174

602 239-4333

*Length:* 1 Year(s) *Total Positions:* 6 (*GYI:* 6)

*Sponsoring Spec:* EM,GS,IM,OBG,PD

**Program ID:** 999-03-00-004

#### Maricopa Medical Center Program

Maricopa Medical Center

*Program Director:*

Paul A Blackburn, DO

Maricopa Medical Center

2601 E Roosevelt

Phoenix, AZ 85008

602 267-5808

*Length:* 1 Year(s) *Total Positions:* 8 (*GYI:* 8)

*Sponsoring Spec:* GS,IM,OBG,PD

**Program ID:** 999-03-00-005

\* Updated information not provided.

## Tucson

### Tucson Hospitals Medical Education Program

Tucson Hospitals Medical Education Program Inc  
Kino Community Hospital  
Tucson Medical Center

**Program Director:**

Eric G Ramsay, MD  
Tucson Hospitals Medical Education Program  
PO Box 42195  
5301 E Grant Rd  
Tucson, AZ 85733  
602 324-5095

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* GS,IM

**Program ID: 999-03-00-006**

## Arkansas

### Little Rock

### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
Baptist Medical Center  
John L McClellan Memorial Veterans Hospital  
St Vincent Infirmary Medical Center

**Program Director:**

Susan S Beland, MD  
University of Arkansas College of Medicine  
4301 W Markham  
Slot 592  
Little Rock, AR 72205-7199  
501 686-5738

*Length:* 1 Year(s) *Total Positions:* 29 (GYI: 29)

*Sponsoring Spec:* AN,IM,ORS

**Program ID: 999-04-00-007**

## California

### Bakersfield

### Kern Medical Center Program

Kern Medical Center

**Program Director:**

Jennifer J Abraham, MD  
Kern Medical Center  
1830 Flower St  
Bakersfield, CA 93305  
805 326-2200

*Length:* 1 Year(s) *Total Positions:* 11 (GYI: 11)

*Sponsoring Spec:* GS,IM,OBG

**Program ID: 999-05-00-222**

### Fresno

### University of California (San Francisco)/Fresno Program

UCSF-Fresno Medical Education Program  
Valley Medical Center of Fresno

**Program Director:**

Linda L Kuribayashi, MD  
Valley Medical Center of Fresno  
445 S Cedar Ave  
Fresno, CA 93702  
209 453-5005

*Length:* 1 Year(s) *Total Positions:* 11 (GYI: 11)

*Sponsoring Spec:* EM,IM,OBG,PD

**Program ID: 999-05-00-149**

## Oakland

### Highland General Hospital Program

Highland General Hospital

**Program Director:**

Steven Sackrin, MD  
Highland General Hospital  
Dept of Medicine  
1411 E 31st St  
Oakland, CA 94602  
510 437-4268

*Length:* 1 Year(s) *Total Positions:* 11 (GYI: 11)

*Sponsoring Spec:* EM,GS,IM

**Program ID: 999-05-00-185**

### Naval Hospital (Oakland) Program

Naval Hospital (Oakland)

**Program Director:**

David B Moyer, MD  
Naval Hospital  
8750 Mountain Blvd  
Oakland, CA 94627-5000  
415 633-8084

*Length:* 1 Year(s) (GYI: 0)

*Sponsoring Spec:* ORS

**Program ID: 999-05-00-195**

## San Bernardino

### San Bernardino County Medical Center Program

San Bernardino County Medical Center

**Program Director:**

Elizabeth Richards, MD  
San Bernardino County Medical Center  
780 E Gilbert St  
San Bernardino, CA 92415-0935  
909 387-7882

*Length:* 1 Year(s) *Total Positions:* 18 (GYI: 18)

*Sponsoring Spec:* FP,GS,OBG

**Program ID: 999-05-00-009**

## San Diego

### Mercy Hospital and Medical Center Program

Mercy Hospital and Medical Center

**Program Director:**

Edwin J Heffernan, MD  
Mercy Hosp and Med Ctr  
Dept of Med Educ  
4077 5th Ave  
San Diego, CA 92103-2180  
619 260-7220

*Length:* 1 Year(s) *Total Positions:* 18 (GYI: 18)

*Sponsoring Spec:* IM,PD

**Program ID: 999-05-00-010**

### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

**Program Director:**

Laura M Clapper, MC USN  
Naval Medical Center  
34800 Bob Wilson Dr  
San Diego, CA 92134-5000  
619 532-6888

*Length:* 1 Year(s) (GYI: 0)

*Sponsoring Spec:* GS,IM

**Program ID: 999-05-00-151**

## San Jose

### Santa Clara Valley Medical Center Program

Santa Clara Valley Medical Center

**Program Director:**

Steven S Guest, MD  
Santa Clara Valley Medical Center  
Dept of Medicine  
751 S Bascom Ave  
San Jose, CA 95128  
408 885-6305

*Length:* 1 Year(s) *Total Positions:* 16 (GYI: 16)

*Sponsoring Spec:* DR,IM,RO

**Program ID: 999-05-00-013**

## Stockton

### San Joaquin General Hospital Program

San Joaquin General Hospital

**Program Director:**

Sheela Kapre, MD  
San Joaquin General Hospital  
PO Box 1020  
Stockton, CA 95201  
209 468-6611

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)

*Sponsoring Spec:* FP,GS,IM

**Program ID: 999-05-00-014**

## Torrance

### Los Angeles County-Harbor-UCLA Medical Center Program

Los Angeles County-Harbor-UCLA Medical Center

**Program Director:**

Jerrold A Turner, MD  
Los Angeles Cnty-Harbor-UCLA Med Ctr  
1000 W Carson St  
Box 2  
Torrance, CA 90509  
310 222-2903

*Length:* 1 Year(s) *Total Positions:* 20 (GYI: 20)

*Sponsoring Spec:* EM,GS,IM,OBG,PD

**Program ID: 999-05-00-015**

## Travis AFB

### David Grant USAF Medical Center Program

David Grant Medical Center

**Program Director:**

Ltc Col Terry D Exstrum, MD  
60th Medical Group/SGHT  
101 Bodin Circle  
Travis AFB, CA 94535-1800  
707 423-3846

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)

*Sponsoring Spec:* GS,IM,OBG,PD

**Program ID: 999-05-00-008**

## Colorado

### Aurora

### Fitzsimons Army Medical Center Program

Fitzsimons Army Medical Center

**Program Director:**

Sharon L Hammond, MD  
Fitzsimons Army Medical Center  
Attn: HSHG-ZBA-E  
Aurora, CO 80045-5000  
303 361-4284

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)

*Sponsoring Spec:* GS,IM

**Program ID: 999-07-00-016**

\* Updated information not provided.

## Denver

### Presbyterian-St Luke's Medical Center Program

Presbyterian-St Luke's Medical Center  
Presbyterian-Denver Hospital

*Program Director:*  
Gregory J Gahm, MD

Presbyterian-St Luke's Medical Center  
Transitional Internship Office  
1850 High St  
Denver, CO 80218  
303 839-6740

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* DR,EM,GS,IM,OBG  
**Program ID: 999-07-00-017**

## Connecticut

### Bridgeport

#### St Vincent's Medical Center Program

St Vincent's Medical Center

*Program Director:*  
Marvin Garrell, MD

St Vincent's Medical Center  
Med Educ Dept  
2800 Main St  
Bridgeport, CT 06606  
203 576-5425

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* DR,IM  
**Program ID: 999-08-00-018**

### New Haven

#### Hospital of St Raphael Program

Hospital of St Raphael

*Program Director:*  
Ernest D Moritz, MD

Hospital of St Raphael  
Med Staff Office  
1450 Chapel St  
New Haven, CT 06511-4440  
203 789-3034

*Length:* 1 Year(s) *Total Positions:* 14 (GYI: 14)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-08-00-020**

## Delaware

### Wilmington

#### The Medical Center of Delaware Program

The Medical Center of Delaware

*Program Director:*  
Virginia U Collier, MD  
Medical Center of Delaware  
Christiana Hospital Rm 1042  
PO Box 6001

Newark, DE 19718-6001  
302 733-1042

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* FP,TY  
**Program ID: 999-09-00-021**

## District of Columbia

### Washington

#### Georgetown University Program

Georgetown University School of Medicine  
Fairfax Hospital

*Program Director:*  
James N Cooper, MD

Dept of Medicine  
Fairfax Hospital  
3300 Gallows Rd  
Falls Church, VA 22046  
703 698-3582

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* IM,PD,TY  
**Program ID: 999-51-00-205**

#### Howard University (DC General) Program

District of Columbia General Hospital

*Program Director:*  
W Goins, MD

District of Columbia General Hospital Program  
19th & Massachusetts Ave SE  
Rm 3218  
Washington, DC 20003  
202 675-7236

*Length:* 1 Year(s) *Total Positions:* 11 (GYI: 11)  
*Sponsoring Spec:* GS,IM,OBG,PD  
**Program ID: 999-10-00-186**

#### Howard University Program

Howard University Hospital

*Program Director:*  
Adrian O Hosten, MD

Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-6620

*Length:* 1 Year(s) *Total Positions:* 17 (GYI: 17)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-10-00-022**

#### Walter Reed Army Medical Center Program

Walter Reed Army Medical Center

*Program Director:*  
Christine T Scott, MD

Walter Reed Army Medical Center  
Med Educ Office  
Washington, DC 20307-5001  
202 782-6905

*Length:* 1 Year(s) *Total Positions:* 17 (GYI: 17)  
*Sponsoring Spec:* GS,IM,OBG,PD  
**Program ID: 999-10-00-024**

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*  
H Kenneth Walker, MD

Emory University  
Dept of Medicine  
69 Butler St SE  
Atlanta, GA 30303  
404 616-3528

*Length:* 1 Year(s) *Total Positions:* 18 (GYI: 18)  
*Sponsoring Spec:* IM,PD  
**Program ID: 999-12-00-026**

### Georgia Baptist Medical Center Program

Georgia Baptist Medical Center

*Program Director:*  
David L Anders, MD

Georgia Baptist Medical Center  
Med Educ Box 423  
303 Parkway Dr NE  
Atlanta, GA 30312  
404 265-4627

*Length:* 1 Year(s) *Total Positions:* 9 (GYI: 9)  
*Sponsoring Spec:* GS,IM,OBG  
**Program ID: 999-12-00-027**

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Chesley L Richards Jr, MD  
Medical College of Georgia  
Dept of Medicine  
BIW 540

Augusta, GA 30912  
706 721-2423

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)  
*Sponsoring Spec:*  
AN,D,DR,GS,IM,N,OBG,OPH,ORS,OTO,PD,PS  
**Program ID: 999-12-00-028**

### Columbus

#### The Medical Center Program

The Medical Center Inc

*Program Director:*  
R Clark Gillett Jr, MD

The Medical Center Inc  
710 Center St Box 100  
Columbus, GA 31902-2299  
706 571-1430

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* FP,ORS  
**Program ID: 999-12-00-229**

### Fort Gordon

#### Dwight David Eisenhower Army Medical Center Program

Dwight David Eisenhower Army Medical Center

*Program Director:*  
Laura M Fink, MD

Dwight David Eisenhower Army Medical Center  
Transitional Year Prgm  
Office of GME  
Fort Gordon, GA 30905-5650  
706 791-6528

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* GS,IM,ORS  
**Program ID: 999-12-00-029**

### Macon

#### Mercer University School of Medicine Program

Medical Center of Central Georgia

*Program Director:*

T W Treadwell Jr, MD  
Medical Center of Central Georgia  
3780 Eisenhower Pkwy  
Macon, GA 31206-3608  
912 784-3589

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* FP,GS,IM,OBG  
**Program ID: 999-12-00-233**

\* Updated information not provided.

**Hawaii****Honolulu****University of Hawaii Program**

University of Hawaii John A Burns School of Medicine  
Kaiser Foundation Hospital (Moanalua)  
Kapiolani Medical Center for Women and Children  
Kuakini Medical Center  
Queen's Medical Center  
St Francis Medical Center  
Straub Clinic and Hospital

*Program Director:*  
Max G Botticelli, MD  
Univ of Hawaii Integrated Transitional Program  
University Tower 7th Fl  
1356 Lusitana St  
Honolulu, HI 96813-2427  
808 586-7477

*Length:* 1 Year(s) *Total Positions:* 14 (GYI: 14)  
*Sponsoring Spec:* GS,IM,OBG,ORS,P,PD,PTH  
**Program ID: 999-14-00-031**

**Tripler AMC****Tripler Army Medical Center Program**

Tripler Army Medical Center

*Program Director:*  
Alfred B Brooks, MD  
Tripler Army Medical Center  
Dept of the Army  
Honolulu, HI 96859  
808 433-6933

*Length:* 1 Year(s) *Total Positions:* 20 (GYI: 20)  
*Sponsoring Spec:* GS,IM,OBG,PD  
**Program ID: 999-14-00-030**

**Illinois****Berwyn****MacNeal Memorial Hospital Program**

MacNeal Memorial Hospital

*Program Director:*  
John L Skosey, MD  
MacNeal Memorial Hospital  
3249 S Oak Park Ave  
Berwyn, IL 60402  
708 795-3400

*Length:* 1 Year(s) *Total Positions:* 13 (GYI: 13)  
*Sponsoring Spec:* FP,GS,OBG  
**Program ID: 999-16-00-032**

**Chicago****Columbus Hospital Program**

Columbus Hospital

*Program Director:*  
John P Quinn, MD  
Columbus Hospital  
2620 N Lakeview Ave  
Chicago, IL 60614  
312 883-6784

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-16-00-033**

**Cook County Hospital Program\***

Cook County Hospital

*Program Director:*  
Myrtis Sullivan, MD  
Cook County Hospital  
720 S Wolcott St  
Chicago, IL 60612  
312 633-3193

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* AN,DR,EM,FP,GS,IM,OBG,PD  
**Program ID: 999-16-00-174**

**Illinois Masonic Medical Center Program**

Illinois Masonic Medical Center

*Program Director:*  
Frank J Konicek, MD  
Transitional Year Prgrn Med Educ Dept  
Illinois Masonic Medical Center  
836 Wellington Ave  
Chicago, IL 60657-5193  
312 296-5399

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* AN,DR,EM,GS,IM,OBG,PD,PTH  
**Program ID: 999-16-00-034**

**Louis A Weiss Memorial Hospital Program**

Louis A Weiss Memorial Hospital

*Program Director:*  
Daniel W Berland, MD  
Louis A Weiss Memorial Hospital  
4646 N Marine Dr  
Chicago, IL 60640-9966  
312 878-8700

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-16-00-035**

**McGaw Medical Center of Northwestern University (Evanston) Program**

Northwestern University Medical School  
Evanston Hospital

*Program Director:*  
C Laurence Etheridge, MD  
Evanston Hospital  
2650 Ridge Ave  
Evanston, IL 60201-1781  
708 570-2510

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* AN,IM,N  
**Program ID: 999-16-00-037**

**Ravenswood Hospital Medical Center Program**

Ravenswood Hospital Medical Center

*Program Director:*  
Norbert Nadler, MD  
Ravenswood Hospital Medical Center  
4550 N Winchester Ave  
Chicago, IL 60640-5205  
312 878-4300

*Length:* 1 Year(s) *Total Positions:* 9 (GYI: 9)  
*Sponsoring Spec:* FP,IM,ORS  
**Program ID: 999-16-00-153**

**Resurrection Medical Center Program**

Resurrection Medical Center  
Loyola University of Chicago Stritch School of Medicine

*Program Director:*  
Joseph L Daddino, MD  
Resurrection Medical Center  
Med Educ Office  
7435 W Talcott Ave  
Chicago, IL 60631  
312 792-5144

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* FP  
**Program ID: 999-16-00-207**

**Evanston****St Francis Hospital of Evanston Program**

St Francis Hospital of Evanston

*Program Director:*  
Marko Jachtorowycz, MD  
St Francis Hospital of Evanston  
355 Ridge Ave  
Evanston, IL 60602-3399  
708 492-6227

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* DR,IM  
**Program ID: 999-16-00-038**

**North Chicago****Finch University of Health Sciences/Chicago Medical School Program**

Finch University of Health Sciences/Chicago Medical School

Swedish Covenant Hospital

*Program Director:*  
Michael J Plunkett, MD  
Swedish Covenant Hospital  
5145 N California Ave  
Chicago, IL 60625  
312 989-3808

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* FP,GS  
**Program ID: 999-16-00-231**

**Oak Park****West Suburban Hospital Medical Center Program**

West Suburban Hospital Medical Center

*Program Director:*  
Malcolm A Deam, MD  
West Suburban Hospital Medical Center  
Dept of Medicine Rm L-600  
Erie at Austin  
Oak Park, IL 60302  
708 383-6200

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* FP,IM  
**Program ID: 999-16-00-154**

**Scott AFB****USAF Medical Center (Scott) Program\***

USAF Medical Center (Scott) (SGE)

*Program Director:*  
Major Kelly H Woodward, MD  
USAF Medical Center  
Scott/SGHM  
Scott AFB, IL 62225  
618 256-7531

*Length:* 1 Year(s)  
*Sponsoring Spec:* FP,OBG,PD  
**Program ID: 999-16-00-155**

\* Updated information not provided.



## Indiana

### Fort Wayne

#### Fort Wayne Medical Education Program

Fort Wayne Medical Education Program  
Lutheran Hospital of Indiana  
Parkview Memorial Hospital  
St Joseph's Medical Center

*Program Director:*

Brenda S Stiles, MD  
Fort Wayne Medical Education Program  
2448 Lake Ave  
Fort Wayne, IN 46805  
219 422-6573

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 2)

*Sponsoring Spec:* FP,ORS

*Program ID:* 999-17-00-215

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Community Hospitals of Indianapolis  
Richard L. Roudebush Veterans Affairs Medical Center  
William N. Wishard Memorial Hospital

*Program Director:*

Glenn J Bingle, MD PhD  
Community Hospitals Indianapolis  
1500 N Ritter  
Indianapolis, IN 46219  
317 355-5381

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 2)

*Sponsoring Spec:* IM

*Program ID:* 999-17-00-217

#### Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Stephen J Jay, MD  
Methodist Hospital of Indiana  
1-65 at 21st St  
PO Box 1367  
Indianapolis, IN 46206-1367  
317 929-8226

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)

*Sponsoring Spec:* EM,FP,GS,IM,OBG,PD

*Program ID:* 999-17-00-040

#### St Vincent Hospital and Health Care Center Program\*

St Vincent Hospital and Health Care Center

*Program Director:*

Robert D Robinson, MD  
St Vincent Hospital and Health Services  
2001 W 86th St  
Indianapolis, IN 46260  
317 338-2172

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* FP,IM,OBG

*Program ID:* 999-17-00-041

### Muncie

#### Ball Memorial Hospital Program

Ball Memorial Hospital

*Program Director:*

Gerard T Costello, MD  
Ball Memorial Hospital  
2401 University Ave  
Muncie, IN 47303  
317 741-1085

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)

*Sponsoring Spec:* IM,PTH

*Program ID:* 999-17-00-157

## Iowa

### Des Moines

#### Broadlawns Medical Center Program

Broadlawns Medical Center  
Iowa Methodist Medical Center

*Program Director:*

Dennis J Walter, MD  
Broadlawns Medical Center  
1801 Hickman Rd  
Des Moines, IA 50314  
515 272-2203

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)

*Sponsoring Spec:* FP,GS,IM,OBG,PD

*Program ID:* 999-18-00-042

#### Iowa Methodist Medical Center Program

Iowa Methodist Medical Center  
Veterans Affairs Medical Center (Des Moines)

*Program Director:*

Douglas B Dornier, MD  
Iowa Methodist Medical Center  
1200 Pleasant St  
Des Moines, IA 50309-9976  
515 241-6266

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)

*Sponsoring Spec:* GS,IM,PD

*Program ID:* 999-18-00-220

## Louisiana

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Charles W Hilton, MD  
LSU School of Medicine  
1542 Tulane Ave  
New Orleans, LA 70112-2822  
504 568-4676

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)

*Sponsoring Spec:* IM,PD

*Program ID:* 999-21-00-046

#### Tulane University Program

Tulane University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans-Tulane Division

Tulane University Hospital and Clinics

Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

Irwin Cohen, MD  
Tulane Medical School  
Transitional Prgm (SL-14)  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5571

*Length:* 1 Year(s) *Total Positions:* 18 (GYI: 18)

*Sponsoring Spec:* IM,PD

*Program ID:* 999-21-00-047

## Shreveport

### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
E A Conway Medical Center  
Overton Brooks Veterans Affairs Medical Center

*Program Director:*

Kevin M Sittig, MD  
Louisiana State University Medical Center  
1501 Kings Hwy  
PO Box 33932  
Shreveport, LA 71130-3932  
318 675-5069

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* GS,IM,OBG,PD

*Program ID:* 999-21-00-048

## Maryland

### Andrews AFB

#### Malcolm Grow USAF Medical Center Program

89th Medical Group  
National Naval Medical Center (Bethesda)

*Program Director:*

Ltc Col Jose J Gutierrez-Nunez, MD  
89th Medical Group  
(SGE)  
Andrews AFB, MD 20331-6600  
301 981-5552

*Length:* 1 Year(s) (GYI: 0)

*Sponsoring Spec:* FP,OBG

*Program ID:* 999-23-00-023

### Baltimore

#### Harbor Hospital Center Program

Harbor Hospital Center

*Program Director:*

Richard B Williams, MD  
Harbor Hospital Center  
3001 S Hanover St  
Baltimore, MD 21225-1290  
301 347-3565

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 3)

*Sponsoring Spec:* IM,OBG

*Program ID:* 999-23-00-050

#### Maryland General Hospital Program

Maryland General Hospital

*Program Director:*

William C Anthony, MD  
Maryland General Hospital  
827 Linden Ave Ste 3B  
Baltimore, MD 21201  
410 225-8790

*Length:* 1 Year(s) *Total Positions:* 31 (GYI: 18)

*Sponsoring Spec:* IM,OPH

*Program ID:* 999-23-00-049

### Bethesda

#### National Naval Medical Center (Bethesda) Program\*

National Naval Medical Center (Bethesda)

*Program Director:*

Capt Donna R Perry, MD  
Naval Hospital  
Bethesda, MD 20889-5011  
301 295-2427

*Length:* 1 Year(s)

*Sponsoring Spec:* GS,IM,PD

*Program ID:* 999-23-00-051

\* Updated information not provided.

## Massachusetts

### Boston

#### Carney Hospital/Boston University Program

Carney Hospital  
*Program Director:*  
 Richard A Gleckman, MD  
 Carney Hospital  
 2100 Dorchester Ave  
 Boston, MA 02124-5666  
 617 296-4000

*Length:* 1 Year(s) *Total Positions:* 7 (GYI: 7)  
*Sponsoring Spec:* IM,ORS  
**Program ID:** 999-24-00-159

#### Lemuel Shattuck Hospital Program

Lemuel Shattuck Hospital  
*Program Director:*  
 Harry Shapiro, MD  
 Lemuel Shattuck Hospital  
 170 Morton St  
 Jamaica Plain, MA 02130-3782  
 617 522-8110

*Length:* 1 Year(s) *Total Positions:* 7 (GYI: 7)  
*Sponsoring Spec:* IM,P  
**Program ID:** 999-24-00-199

### Brockton

#### Brockton Hospital/Boston University Program

Brockton Hospital  
*Program Director:*  
 Burton J Polansky, MD  
 Brockton Hospital  
 680 Centre St  
 Brockton, MA 02402-3395  
 508 941-7221

*Length:* 1 Year(s) *Total Positions:* 7 (GYI: 7)  
*Sponsoring Spec:* DR,IM  
**Program ID:** 999-24-00-158

### Cambridge

#### Cambridge Hospital Program

Cambridge Hospital  
*Program Director:*  
 Ira L Mintzer, MD  
 Cambridge Hospital  
 1493 Cambridge St  
 Cambridge, MA 02139  
 617 498-1024

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* IM,OBG,P,PD  
**Program ID:** 999-24-00-054

### Framingham

#### MetroWest Medical Center/Boston University Program\*

MetroWest Medical Center  
*Program Director:*  
 Steven C Simon, MD  
 Dept of Med Educ  
 MWMC-Framingham Union Campus  
 115 Lincoln St  
 Framingham, MA 01701  
 508 383-1555

*Length:* 1 Year(s) *Total Positions:* 16 (GYI: 16)  
*Sponsoring Spec:* GS,IM,OBG,PD  
**Program ID:** 999-24-00-160

### Malden

#### Malden Hospital/Boston University Program

Malden Hospital  
 Boston City Hospital  
 Boston University Medical Center-University Hospital

*Program Director:*  
 Leann R Canty, MD  
 Malden Hospital  
 100 Hospital Rd  
 Malden, MA 02148-3591  
 617 397-6559

*Length:* 1 Year(s) *Total Positions:* 7 (GYI: 7)  
*Sponsoring Spec:* FP,IM  
**Program ID:** 999-24-00-161

### Michigan

### Ann Arbor

#### St Joseph Mercy Hospital Program

St Joseph Mercy Hospital (Catherine McAuley Health System)

*Program Director:*  
 Jack H Carman, MD  
 St Joseph Mercy Hospital  
 PO Box 995  
 Ann Arbor, MI 48106  
 313 712-5015

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* IM,OBG  
**Program ID:** 999-25-00-056

### Dearborn

#### Oakwood Hospital Program

Oakwood Hospital  
*Program Director:*  
 Lyle D Victor, MD  
 Oakwood Hospital  
 18101 Oakwood Blvd PO Box 2500  
 Dearborn, MI 48123-2500  
 313 593-8435

*Length:* 1 Year(s) *Total Positions:* 14 (GYI: 14)  
*Sponsoring Spec:* FP,IM  
**Program ID:** 999-25-00-057

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital  
*Program Director:*

David C Leach, MD  
 Henry Ford Hospital  
 2799 W Grand Blvd  
 Detroit, MI 48202  
 313 876-7143

*Length:* 1 Year(s) *Total Positions:* 20 (GYI: 20)  
*Sponsoring Spec:*  
 D,DR,EM,GS,IM,N,OBG,OPH,OTO,P,PD,PTH,TY  
**Program ID:** 999-25-00-058

#### St John Hospital and Medical Center Program

St John Hospital and Medical Center  
*Program Director:*  
 John H Burrows, MD  
 St John Hospital and Medical Center  
 22101 Moross Rd  
 Detroit, MI 48236  
 313 343-3875

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* GS,IM  
**Program ID:** 999-25-00-059

### Wayne State University/Detroit Medical Center Program

Wayne State University School of Medicine  
 Children's Hospital of Michigan  
 Detroit Receiving Hospital and University Health Center  
 Grace Hospital  
 Harper Hospital  
 Hutzel Hospital

*Program Director:*  
 Kenneth L Bergsman, MD  
 Grace Hospital  
 6071 W Outer Dr  
 Detroit, MI 48235  
 313 966-3250

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* EM,GS,IM  
**Program ID:** 999-25-00-060

### Flint

#### Hurley Medical Center/Michigan State University Program

Hurley Medical Center

*Program Director:*  
 Willys F Mueller, MD  
 Hurley Medical Center  
 One Hurley Plaza  
 Flint, MI 48603-5993  
 810 257-9131

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* IM,PD  
**Program ID:** 999-25-00-062

### Grand Rapids

#### Blodgett Memorial Medical Center Program

Blodgett Memorial Medical Center

*Program Director:*  
 Robert L Tupper, MD  
 Blodgett Memorial Medical Center  
 1840 Wealthy St SE  
 Grand Rapids, MI 49506  
 616 774-7733

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* GS,IM  
**Program ID:** 999-25-00-063

#### Butterworth Hospital Program

Butterworth Hospital

*Program Director:*  
 Elizabeth A Kozak, MD  
 Butterworth Hospital  
 100 Michigan NE  
 MC 41  
 Grand Rapids, MI 49503  
 616 776-1928

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* EM,GS,IM,OBG,PD  
**Program ID:** 999-25-00-190

#### St Mary's Health Services Program

St Mary's Health Services

*Program Director:*  
 Bruce H Baker, MD  
 St Mary's Hospital  
 200 Jefferson Ave SE  
 Grand Rapids, MI 49503  
 616 774-6394

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* GS,IM  
**Program ID:** 999-25-00-064

\* Updated information not provided.

## Kalamazoo

### Kalamazoo Center for Medical Studies/Michigan State University Program

Kalamazoo Center for Medical Studies  
Borgess Medical Center  
Bronson Methodist Hospital

*Program Director:*  
Marilyn R Terranella, MD  
Michigan St Univ Kalamazoo for Med Studies  
1000 Oakland Dr  
Kalamazoo, MI 49008  
616 337-6353  
*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* FP,IM  
*Program ID:* 999-25-00-065

## Lansing

### Sparrow Hospital/Michigan State University Program\*

Sparrow Hospital  
*Program Director:*  
Ralph E Watson, MD  
Sparrow Hospital  
Med Educ  
1215 E Michigan Ave  
Lansing, MI 48912  
517 483-2581

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* EM,FP,IM,OBG,PD  
*Program ID:* 999-25-00-066

## Pontiac

### St Joseph Mercy Hospital Program

St Joseph Mercy Community HealthCare System  
*Program Director:*  
Annamaria Church, MD  
St Joseph Mercy Hospital  
900 Woodward Ave  
Pontiac, MI 48341-2985  
313 858-3230  
*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* GS,IM  
*Program ID:* 999-25-00-067

## Royal Oak

### William Beaumont Hospital Program

William Beaumont Hospital  
William Beaumont Hospital-Troy  
*Program Director:*  
Steven C Winokur, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073  
810 551-0431

*Length:* 1 Year(s) *Total Positions:* 16 (GYI: 16)  
*Sponsoring Spec:* EM,IM  
*Program ID:* 999-25-00-178

## Southfield

### Providence Hospital Program

Providence Hospital  
*Program Director:*  
Jeffrey M Zaks, MD  
Providence Hospital  
16001 W Nine Mile PO Box 2043  
Southfield, MI 48037  
810 424-3151

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* AN,DR,GS,IM,OBG,P  
*Program ID:* 999-25-00-068

## Minnesota

## Minneapolis

### Hennepin County Medical Center Program

Hennepin County Medical Center  
*Program Director:*  
Michael B Belzer, MD  
Hennepin County Medical Center  
Med Admin #867A  
701 Park Ave S  
Minneapolis, MN 55415-1623  
612 347-2357

*Length:* 1 Year(s) *Total Positions:* 18 (GYI: 18)  
*Sponsoring Spec:* EM,GS,IM,N,OBG,P,PD  
*Program ID:* 999-26-00-069

## Rochester

### Mayo Graduate School of Medicine (Jacksonville) Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Jacksonville)  
St Luke's Hospital  
*Program Director:*  
Gary M Lee, MD  
Mayo Clinic (Jacksonville)  
4500 San Pablo Rd  
Educ Serv Roger Main Bldg  
Jacksonville, FL 32224  
904 296-3863

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* AN,IM  
*Program ID:* 999-11-00-228

### Mayo Graduate School of Medicine (Scottsdale) Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Scottsdale)  
Scottsdale Memorial Hospital-North  
*Program Director:*  
Paul L Schnur, MD  
Mayo Clinic Scottsdale  
13400 E Shea Blvd  
Med Educ Office  
Scottsdale, AZ 85259  
602 301-7358

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* OTO  
*Program ID:* 999-03-00-226

## Missouri

## St Louis

### Deaconess Hospital Program

Deaconess Hospital  
*Program Director:*  
M R Hill, MD  
Deaconess Hospital  
6150 Oakland Ave  
St Louis, MO 63139-3287  
314 768-3006

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* FP,IM,PTH  
*Program ID:* 999-28-00-179

## St John's Mercy Medical Center Program

St John's Mercy Medical Center  
*Program Director:*  
Christopher Veremakis, MD  
St John's Mercy Medical Center  
Graduate Med Educ  
615 S New Ballas Rd  
St Louis, MO 63141-8277  
314 569-6930

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* IM,OBG,PTH  
*Program ID:* 999-28-00-071

## New Jersey

## Hackensack

### Hackensack Medical Center Program

Hackensack Medical Center  
*Program Director:*  
William C Black, MD  
Hackensack Medical Center  
Office of Med Educ  
30 Prospect Ave  
Hackensack, NJ 07601  
201 996-2016

*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 5)  
*Sponsoring Spec:* DR  
*Program ID:* 999-33-00-072

## Livingston

### St Barnabas Medical Center Program

St Barnabas Medical Center  
*Program Director:*  
Arthur Maron, MD  
St Barnabas Medical Center  
Old Short Hills Rd  
Livingston, NJ 07039  
201 533-5777

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* GS,IM,OBG  
*Program ID:* 999-33-00-073

## Neptune

### Jersey Shore Medical Center Program

Jersey Shore Medical Center  
*Program Director:*  
Anthony P Despirito, MD  
Jersey Shore Medical Center  
1945 Rt 33  
Neptune, NJ 07754  
908 776-4179

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* IM,PD  
*Program ID:* 999-33-00-074

## South Orange

### Seton Hall University School of Graduate Medical Education (Newark) Program

Seton Hall University School of Graduate Medical Education  
St Michael's Medical Center (Cathedral Health Services Inc)  
Holy Name Hospital  
*Program Director:*  
John W Sensakovic, MD  
Seton Hall University School of Graduate Medical Education  
Saint Michael's Medical Center  
268 King Blvd  
Newark, NJ 07102  
201 877-5487

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* GS,IM,OBG  
*Program ID:* 999-33-00-075

\* Updated information not provided.

**Summit****Overlook Hospital Program**

Overlook Hospital  
*Program Director:*  
 Douglas Ratner, MD  
 Overlook Hospital  
 99 Beauvoir Ave at Sylvan Rd  
 PO Box 220  
 Summit, NJ 07902-0220  
 908 522-2851  
*Length:* 1 Year(s) *Total Positions:* 15 (*GYI:* 15)  
*Sponsoring Spec:* IM,PD  
*Program ID:* 999-33-00-077

**New York****Binghamton****Wilson Memorial Regional Medical Center (United Health Services) Program**

Wilson Memorial Regional Medical Center (United Health Svcs)  
*Program Director:*  
 Elmer N Zinner, MD  
 United Health Services Hospital  
 Med Educ Dept  
 33-57 Harrison St  
 Johnson City, NY 13790  
 607 763-6035  
*Length:* 1 Year(s) *Total Positions:* 7 (*GYI:* 7)  
*Sponsoring Spec:* FP,IM  
*Program ID:* 999-35-00-081

**Brooklyn****Maimonides Medical Center Program**

Maimonides Medical Center  
*Program Director:*  
 Joseph N Cunningham, MD  
 Maimonides Medical Center  
 4802 Tenth Ave  
 Brooklyn, NY 11219  
 718 283-7687  
*Length:* 1 Year(s) *Total Positions:* 15 (*GYI:* 15)  
*Sponsoring Spec:* AN,GS,IM  
*Program ID:* 999-35-00-204

**Cooperstown****Mary Imogene Bassett Hospital Program**

BASSETT HEALTHCARE  
*Program Director:*  
 Joseph M Hughes, MD  
 Dept of Med Educ  
 The Mary Imogene Bassett Hosp  
 One Atwell Rd  
 Cooperstown, NY 13326-1394  
 800 852-4566  
*Length:* 1 Year(s) *Total Positions:* 6 (*GYI:* 6)  
*Sponsoring Spec:* GS,IM  
*Program ID:* 999-35-00-080

**Flushing****Flushing Hospital Medical Center Program**

Flushing Hospital Medical Center  
*Program Director:*  
 Robert Golub, MD  
 Flushing Hospital and Medical Center  
 4500 Parsons Blvd  
 Flushing, NY 11355  
 718 670-3135  
*Length:* 1 Year(s) *Total Positions:* 10 (*GYI:* 10)  
*Sponsoring Spec:* GS,IM,OBG  
*Program ID:* 999-35-00-196

**New York Hospital Medical Center of Queens Program\***

New York Hospital Medical Center of Queens  
*Program Director:*  
 Anthony Somogyi, MD  
 New York Hospital Medical Center of Queens  
 56-45 Main St  
 Flushing, NY 11355  
 718 670-1477  
*Length:* 1 Year(s) *Total Positions:* 12 (*GYI:* 12)  
*Sponsoring Spec:* GS,IM  
*Program ID:* 999-35-00-225

**New Rochelle****New Rochelle Hospital Medical Center Program**

New Rochelle Hospital Medical Center  
*Program Director:*  
 Jeffrey M Brensilver, MD  
 Dept of Medicine  
 New Rochelle Hospital Medical Ctr  
 16 Guion Pl  
 New Rochelle, NY 10802-5500  
 914 637-1681  
*Length:* 1 Year(s) *Total Positions:* 4 (*GYI:* 0)  
*Sponsoring Spec:* GS,IM  
*Program ID:* 999-35-00-216

**New York****Mount Sinai School of Medicine (Elmhurst) Program**

Mount Sinai School of Medicine  
 Elmhurst Hospital Center-Mount Sinai Services  
*Program Director:*  
 Frank A Ross, MD  
 Mount Sinai Serv-Elmhurst Hosp Ctr  
 79-01 Broadway  
 Elmhurst, NY 11373  
 718 334-3444  
*Length:* 1 Year(s) *Total Positions:* 13 (*GYI:* 0)  
*Sponsoring Spec:* EM,IM,N,OBG,PD  
*Program ID:* 999-35-00-223

**Syracuse****St Joseph's Hospital Health Center Program**

St Joseph's Hospital Health Center  
*Program Director:*  
 Bonnie Koreff-Wolf, MD  
 St Joseph Hospital Health Center  
 301 Prospect Ave  
 Syracuse, NY 13203  
 315 448-5535  
*Length:* 1 Year(s) *Total Positions:* 8 (*GYI:* 8)  
*Sponsoring Spec:* AN,FP  
*Program ID:* 999-35-00-084

**Valhalla****New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

New York Medical College  
 St Vincent's Hospital and Medical Center of New York  
*Program Director:*  
 Eric C Rackow, MD  
 St Vincent's Hospital and Medical Center of New York  
 153 W 11th St  
 New York, NY 10011  
 212 604-8886  
*Length:* 1 Year(s) *Total Positions:* 20 (*GYI:* 20)  
*Sponsoring Spec:* AN,DR,GS,IM,N,OBG,P,PD,PM,PTH  
*Program ID:* 999-35-00-083

**North Dakota****Grand Forks****University of North Dakota Program\***

Univ of North Dakota School of Medicine  
 St Luke's Hospitals  
*Program Director:*  
 Richard A Olafson, MD  
 St Luke's Hospitals Fargo Clinic Meritcare  
 720 Fourth St N  
 Fargo, ND 58122  
 701 234-5933  
*Length:* 1 Year(s) *Total Positions:* 8 (*GYI:* 8)  
*Sponsoring Spec:* FP,GS,IM  
*Program ID:* 999-37-00-086

**Ohio****Akron****Akron City Hospital (Summa Health System)/NEOUCOM Program**

Akron City Hospital (Summa Health System)  
 St Thomas Hospital (Summa Health System)  
*Program Director:*  
 Charles Ross, MD  
 Akron City Hospital  
 525 E Market St  
 Akron, OH 44309  
 216 375-3772  
*Length:* 1 Year(s) *Total Positions:* 10 (*GYI:* 10)  
*Sponsoring Spec:* EM,GS,IM  
*Program ID:* 999-38-00-087

**Akron General Medical Center/NEOUCOM Program**

Akron General Medical Center  
*Program Director:*  
 Irene H Chenowith, MD  
 Akron General Medical Center  
 400 Wabash Ave  
 Akron, OH 44307  
 216 384-6015  
*Length:* 1 Year(s) *Total Positions:* 4 (*GYI:* 4)  
*Sponsoring Spec:* FP,GS,IM  
*Program ID:* 999-38-00-088

**Canton****Aultman Hospital/NEOUCOM Program**

Aultman Hospital  
*Program Director:*  
 Frederick C Whittier, MD  
 Aultman Hospital  
 2600 Sixth St SW  
 Canton, OH 44710  
 216 438-7434  
*Length:* 1 Year(s) *Total Positions:* 4 (*GYI:* 4)  
*Sponsoring Spec:* DR,FP,IM,OBG  
*Program ID:* 999-38-00-191

**Cleveland****Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation  
*Program Director:*  
 Peter B O'Donovan, MD  
 Cleveland Clinic Foundation  
 Transitional Year Prgm  
 9500 Euclid Ave TT32  
 Cleveland, OH 44195-5242  
 216 444-5690  
*Length:* 1 Year(s) *Total Positions:* 8 (*GYI:* 8)  
*Sponsoring Spec:* GS,IM  
*Program ID:* 999-38-00-090

\* Updated information not provided.

## Accredited Programs in Transitional Year

### Mount Sinai Medical Center of Cleveland Program

Mount Sinai Medical Center of Cleveland  
*Program Director:*  
Robert Haynie, MD PhD  
Mount Sinai Medical Center of Cleveland  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
216 421-6546  
*Length:* 1 Year(s) *Total Positions:* 9 (GYI: 9)  
*Sponsoring Spec:* DR,EM,IM,OBG,OPH,PTH  
**Program ID: 999-38-00-091**

### Columbus

#### Mount Carmel Health Program

Mount Carmel Medical Center  
*Program Director:*  
James N Parsons, MD  
Mount Carmel Health  
793 W State St  
Columbus, OH 43222  
614 225-5279  
*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 5)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-38-00-093**

#### Riverside Methodist Hospitals Program

Riverside Methodist Hospitals  
*Program Director:*  
James W Lewis, MD  
Riverside Methodist Hospital  
Med Educ Dept  
3535 Olentangy River Rd  
Columbus, OH 43214  
614 566-5426  
*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* GS,IM,OBG  
**Program ID: 999-38-00-095**

### Dayton (Kettering)

#### Kettering Medical Center Program

Kettering Medical Center  
Children's Medical Center  
Miami Valley Hospital  
*Program Director:*  
John A Shrader, MD  
Kettering Medical Center  
3535 Southern Blvd  
Kettering, OH 45429-1298  
513 296-7293  
*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* EM,GS,IM,OBG,P,PD,PS,PTH  
**Program ID: 999-38-00-096**

### Toledo

#### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital,  
St Vincent Medical Center  
Toledo Hospital  
*Program Director:*  
Patrick J Mulrow, MD  
Medical College of Ohio at Toledo  
PO Box 10008  
Dept of Med  
Toledo, OH 43699-0008  
419 381-4244  
*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* IM,PD  
**Program ID: 999-38-00-097**

### Mercy Hospital of Toledo Program\*

Mercy Hospital of Toledo  
*Program Director:*  
Carson P Cochran, MD  
Mercy Hospital of Toledo  
2238 Jefferson Ave  
Toledo, OH 43624  
419 259-1395  
*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* FP,GS  
**Program ID: 999-38-00-165**

### Youngstown

#### St Elizabeth Hospital Medical Center/NEOUCOM Program

St Elizabeth Hospital Medical Center  
*Program Director:*  
Benjamin M Hayek, MD  
St Elizabeth Hospital Medical Center  
1044 Belmont Ave  
PO Box 1790  
Youngstown, OH 44501-1790  
216 480-3326  
*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* FP,IM  
**Program ID: 999-38-00-098**

#### Western Reserve Care System/NEOUCOM Program

Western Reserve Care System  
Northside Medical Center  
Southside Medical Center  
Tod Children's Hospital  
*Program Director:*  
Gene A Butcher, MD  
Western Reserve Care System  
500 Gypsy Ln  
Youngstown, OH 44501-0990  
216 740-3575  
*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* GS,IM,PD  
**Program ID: 999-38-00-099**

### Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
Baptist Medical Center of Oklahoma  
Children's Hospital of Oklahoma  
HCA Presbyterian Hospital  
St Anthony Hospital  
University Hospital and Clinics  
*Program Director:*  
R Timothy Coussons, MD  
University of Oklahoma College of Medicine  
PO Box 26901  
Oklahoma City, OK 73190  
405 271-2265  
*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* EM,IM,PD  
**Program ID: 999-39-00-100**

### Oregon

### Portland

#### Emanuel Hospital and Health Center Program

Emanuel Hospital and Health Center  
*Program Director:*  
Clark Chipman, MD  
Emanuel Hospital  
2801 N Gantenbein Ave  
Portland, OR 97227  
503 280-4692  
*Length:* 1 Year(s) *Total Positions:* 7 (GYI: 7)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-40-00-101**

### Pennsylvania

### Allentown

#### Lehigh Valley Hospital/Pennsylvania State University Program

Lehigh Valley Hospital  
*Program Director:*  
Richard H Snyder, MD  
Lehigh Valley Hospital  
Dept of Medicine  
Cedar Crest & I-78 PO Box 689  
Allentown, PA 18105-1556  
610 402-8200  
*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* GS,IM,OBG  
**Program ID: 999-41-00-103**

### Bethlehem

#### St Luke's Hospital Program

St Luke's Hospital  
*Program Director:*  
James A Cowan, MD  
St Luke's Hospital of Bethlehem  
801 Ostrum St  
Bethlehem, PA 18015  
610 954-4644  
*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 5)  
*Sponsoring Spec:* IM,OBG  
**Program ID: 999-41-00-104**

### Easton

#### Easton Hospital Program

Easton Hospital  
*Program Director:*  
Kenneth H Wildrick, MD  
Easton Hospital  
250 S 21st St  
Easton, PA 18042  
215 250-4013  
*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-41-00-218**

### Erie

#### Hamot Medical Center Program

Hamot Medical Center  
*Program Director:*  
Lee P Van Voris, MD  
Hamot Medical Center  
201 State St  
Erie, PA 16550  
814 877-6138  
*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* FP,ORS  
**Program ID: 999-41-00-232**

\* Updated information not provided.

**Johnstown****Conemaugh Valley Memorial Hospital Program**

Conemaugh Valley Memorial Hospital

*Program Director:*

Dana S Kellis, MD  
Conemaugh Memorial Hospital  
1086 Franklin St  
Johnstown, PA 15905-4398  
814 533-9397

*Length:* 1 Year(s) *Total Positions:* 7 (GYI: 7)*Sponsoring Spec:* FP,IM,PTH**Program ID: 999-41-00-108****Lancaster****Lancaster General Hospital Program**

Lancaster General Hospital

*Program Director:*

John H Esbenshade Jr, MD  
Lancaster General Hospital  
555 N Duke St  
PO Box 3555  
Lancaster, PA 17604-3555  
717 290-4500

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)*Sponsoring Spec:* FP,U**Program ID: 999-41-00-109****Philadelphia****Albert Einstein Medical Center Program**

Albert Einstein Medical Center

*Program Director:*

Lisa B Wallenstein, MD  
Transitional Year Residency Prgm  
Albert Einstein Medical Center  
5401 Old York Rd Ste 363  
Philadelphia, PA 19141-3025  
215 456-6947

*Length:* 1 Year(s) *Total Positions:* 14 (GYI: 14)*Sponsoring Spec:* GS,IM,PD**Program ID: 999-41-00-224****Chestnut Hill Hospital Program**

Chestnut Hill Hospital

*Program Director:*

Kenneth P Patrick, MD  
Chestnut Hill Hospital  
8835 Germantown Ave  
Philadelphia, PA 19118-2767  
215 248-8265

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)*Sponsoring Spec:* FP,GS**Program ID: 999-41-00-111****MCPHU/Hahnemann University Hospital Program**Hahnemann University Hospital  
Crozer-Chester Medical Center*Program Director:*

Susan L Williams, MD  
Crozer-Chester Medical Center  
Dept of Medicine  
One Medical Center Blvd  
Upland, PA 19013-8110  
610 874-6600

*Length:* 1 Year(s) *Total Positions:* 16 (GYI: 16)*Sponsoring Spec:* IM,PD**Program ID: 999-41-00-212****MCPHU/Medical College of Pennsylvania Hospital Program**Medical College of Pennsylvania Hospital  
Frankford Hospital (Frankford Campus)  
Frankford Hospital (Torresdale Campus)*Program Director:*

Martin Z Weingarten, MD  
Frankford Hospital  
Frankford Ave & Wakeling St  
Philadelphia, PA 19124  
215 831-2143

*Length:* 1 Year(s) *Total Positions:* 25 (GYI: 25)*Sponsoring Spec:* GS,IM,OBG**Program ID: 999-41-00-112****Mercy Catholic Medical Center Program**Mercy Catholic Medical Center Inc  
Mercy Catholic Medical Center-Fitzgerald Mercy Division*Program Director:*

Jerome Singer, MD  
Mercy Catholic Medical Center  
Lansdowne Ave & Baily Rd  
Darby, PA 19023  
610 237-6090

*Length:* 1 Year(s) *Total Positions:* 15 (GYI: 15)*Sponsoring Spec:* DR,IM**Program ID: 999-41-00-106****Presbyterian Medical Center of Philadelphia Program**

Presbyterian Medical Center of Philadelphia

*Program Director:*

John J Millili, MD  
Presbyterian Medical Center of Philadelphia  
51 N 39th St  
MOB 140  
Philadelphia, PA 19104  
215 662-8784

*Length:* 1 Year(s) *Total Positions:* 14 (GYI: 14)*Sponsoring Spec:* DR,IM**Program ID: 999-41-00-113****Pittsburgh****Mercy Hospital of Pittsburgh Program**

Mercy Hospital of Pittsburgh

*Program Director:*

Kimball W Mohn, MD  
Mercy Hospital of Pittsburgh  
Dept of Medicine  
1400 Locust St  
Pittsburgh, PA 15219-5166  
412 232-5533

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)*Sponsoring Spec:* AN,DR,GS,IM**Program ID: 999-41-00-114****Shadyside Hospital Program**

Shadyside Hospital

*Program Director:*

Gary H Tabas, MD  
Shadyside Hospital  
5230 Centre Ave  
Pittsburgh, PA 15232  
412 623-2476

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)*Sponsoring Spec:* FP,IM**Program ID: 999-41-00-117****St Francis Medical Center Program**

St Francis Medical Center

*Program Director:*

Louis E Leff, MD  
St Francis Medical Center  
400 45th St  
Pittsburgh, PA 15201  
412 622-4442

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)*Sponsoring Spec:* DR,IM,PPM**Program ID: 999-41-00-116****University Health Center of Pittsburgh Program**University Health Center of Pittsburgh  
Children's Hospital of Pittsburgh  
Magee-Womens Hospital  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Western Psychiatric Institute and Clinic/UPMC*Program Director:*

Edward J Wing, MD  
Hospitals of University Health Center of Pittsburgh  
3550 Terrace St  
1218 Scaife Hall  
Pittsburgh, PA 15261  
412 648-9642

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)*Sponsoring Spec:* AN,GS,OBG,OPH,ORS,PPD**Program ID: 999-41-00-115****Western Pennsylvania Hospital Program**

Western Pennsylvania Hospital

*Program Director:*

Elliot Goldberg, MD  
Western Pennsylvania Hospital  
4800 Friendship Ave  
Pittsburgh, PA 15224-1793  
412 578-6729

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)*Sponsoring Spec:* AN,DR,GS,IM,OBG**Program ID: 999-41-00-234****Reading****Reading Hospital and Medical Center Program**

Reading Hospital and Medical Center

*Program Director:*

David L George, MD  
Reading Hospital and Medical Center  
Sixth Ave & Spruce St  
Reading, PA 19612  
610 378-6470

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)*Sponsoring Spec:* FP,IM,OBG**Program ID: 999-41-00-119****York****York Hospital Program**

York Hospital

*Program Director:*

Peter M Hartmann, MD  
York Hospital  
1001 S George St  
York, PA 17405  
717 851-2224

*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 5)*Sponsoring Spec:* FP,GS,IM,OBG**Program ID: 999-41-00-120****Puerto Rico****Bayamon****Universidad Central del Caribe Program**

University Hospital Ramon Ruiz Arnau

*Program Director:*

Ramon A Suarez, MD  
Ramon Ruiz Arnau University Hospital  
Call Box 60-327  
Bayamon, PR 00960-6032  
809 798-3001

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)*Sponsoring Spec:* FP,IM,PD**Program ID: 999-42-00-121**

\* Updated information not provided.

## Caguas

### Caguas Regional Hospital Program

Caguas Regional Hospital  
University Hospital

*Program Director:*  
Luis A Medina, MD

Caguas Regional Hospital  
PO Box 5729  
Caguas, PR 00726  
809 744-5696

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* FP,IM,PD

**Program ID: 999-42-00-122**

## Mayaguez

### Ramon E Betances Hospital-Mayaguez Medical Center Program

Dr Ramon E Betances Hospital-Mayaguez Medical Center

*Program Director:*

Elba Morales de Roman, MD  
Ramon E Betances Hospital  
Mayaguez Medical Center  
410 Carr #2  
Mayaguez, PR 00680-1522  
809 832-7110

*Length:* 1 Year(s) *Total Positions:* 16 (GYI: 16)

*Sponsoring Spec:* GS,IM,OBG

**Program ID: 999-42-00-123**

## Ponce

### Hospital de Damas Program

Hospital de Damas

*Program Director:*

Ana A Padro, MD  
Edif Parra Ste 407  
Ponce Bypass  
Ponce, PR 00731  
809 840-8686

*Length:* 1 Year(s) *Total Positions:* 11 (GYI: 11)

*Sponsoring Spec:* GS,IM,PD

**Program ID: 999-42-00-124**

### Ponce Regional Hospital Program

Ponce Regional Hospital

*Program Director:*

Hilda Ocasio, MD  
Ponce Regional Hospital  
Bo Machuelo Abajo  
Carr #14-Ponce A Juana Diaz  
Ponce, PR 00731  
809 843-3031

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* IM,PD

**Program ID: 999-42-00-125**

## Rio Piedras

### San Juan City Hospital Program

San Juan City Hospital  
University Hospital

*Program Director:*

Hilda Rivera-Tubens, MD  
San Juan Municipal Hospital  
Box 21405  
San Juan, PR 00928  
809 766-0205

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)

*Sponsoring Spec:* D,DR,IM,N,OPH,ORS,PD

**Program ID: 999-42-00-213**

## Rhode Island

### Providence

#### Brown University Program

Miriam Hospital

*Program Director:*

A Gerson Greenburg, MD PhD  
Miriam Hospital  
164 Summit Ave  
Providence, RI 02906  
401 331-8500

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)

*Sponsoring Spec:* GS,IM

**Program ID: 999-43-00-166**

## South Carolina

### Greenville

#### Greenville Hospital System Program

Greenville Hospital System

*Program Director:*

Donna J Millar, MD  
Greenville Hospital System  
701 Grove Rd  
Greenville, SC 29605-4295  
803 455-7773

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)

*Sponsoring Spec:* IM,PD

**Program ID: 999-45-00-126**

### Spartanburg

#### Spartanburg Regional Medical Center Program

Spartanburg Regional Medical Center

*Program Director:*

Joseph Walton, MD  
Spartanburg Regional Medical Center  
101 E Wood St  
Spartanburg, SC 29303  
803 560-6902

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 4)

*Sponsoring Spec:* FP,GS

**Program ID: 999-45-00-182**

## South Dakota

### Sioux Falls

#### University of South Dakota Program

University of South Dakota School of Medicine  
McKenna Hospital  
Royal C Johnson Veterans Affairs Medical Center  
Sioux Valley Hospital

*Program Director:*

H Bruce Vogt, MD  
University of South Dakota School of Medicine  
Office of the Dean  
1400 W 22nd St  
Sioux Falls, SD 57105-1570  
605 357-1300

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* FP,IM,PTH

**Program ID: 999-46-00-230**

## Tennessee

### Chattanooga

#### University of Tennessee College of Medicine at Chattanooga Program\*

University of Tennessee College of Medicine-Chattanooga  
Erlanger Medical Center

*Program Director:*

Barbara H Knittle, MD  
Univ of Tennessee College of Medicine-Chattanooga Unit  
Transitional Year Prgm  
975 E Third St  
Chattanooga, TN 37403  
615 778-6672

*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)

*Sponsoring Spec:* GS,IM,OBG,OPH,ORS,PD,PS

**Program ID: 999-47-00-129**

### Knoxville

#### University of Tennessee Medical Center at Knoxville Program

University of Tennessee Graduate School of Medicine  
University of Tennessee Memorial Hospital

*Program Director:*

Daniel S Ely, MD  
University of Tennessee  
Graduate School of Medicine  
1924 Alcoa Hwy  
Knoxville, TN 37920  
615 544-6521

*Length:* 1 Year(s) *Total Positions:* 7 (GYI: 7)

*Sponsoring Spec:* AN,DR,FP,GS,IM,OBG

**Program ID: 999-47-00-130**

### Memphis

#### Baptist Memorial Hospital Program

Baptist Memorial Hospital

*Program Director:*

Laura R Sprabery, MD  
Baptist Memorial Hospital  
899 Madison Ave  
Memphis, TN 38146  
901 227-5138

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* IM,GS

**Program ID: 999-47-00-132**

#### Methodist Hospital-Central Unit Program

Methodist Hospital-Central Unit  
LeBonheur Children's Medical Center

*Program Director:*

Stephen T Miller, MD  
Methodist Hospital-Central Unit  
1265 Union Ave  
Memphis, TN 38104-3415  
901 726-8255

*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 5)

*Sponsoring Spec:* AN,DR,OPH,ORS,OTO

**Program ID: 999-47-00-131**

\* Updated information not provided.

**Texas****Austin****Central Texas Medical Foundation Program**

Central Texas Medical Foundation  
University Medical Center

**Program Director:**

Earl B Matthew, MD  
Central Texas Medical Foundation  
601 E 15th St  
Austin, TX 78701  
512 480-1860

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)

*Sponsoring Spec:* FP,IM,PD

**Program ID: 999-48-00-133**

**Dallas****Baylor University Medical Center Program**

Baylor University Medical Center

**Program Director:**

William L Sutker, MD  
Baylor University Medical Center  
3500 Gaston Ave  
Dallas, TX 75246  
214 820-2361

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)

*Sponsoring Spec:* GS,IM

**Program ID: 999-48-00-135**

**University of Texas Southwestern Medical School Program**

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)  
Zale-Lipshy University Hospital

**Program Director:**

Wilson W Bryan, MD  
Dept of Neurology  
Univ of Texas S Western Med Schl  
5323 Harry Hines Blvd  
Dallas, TX 75235-9036  
214 648-4775

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 3)

*Sponsoring Spec:* IM,N

**Program ID: 999-48-00-235**

**El Paso****Texas Tech University (El Paso) Program**

Texas Tech University Health Sciences Center at El Paso  
R E Thomson General Hospital

**Program Director:**

Jose M de la Rosa, MD  
Texas Tech University Health Sciences Center  
Regional Academic Center at El Paso  
4800 Alberta Ave  
El Paso, TX 79905-1298  
915 545-6520

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)

*Sponsoring Spec:* GS,IM,OBG

**Program ID: 999-48-00-221**

**William Beaumont Army Medical Center Program**

William Beaumont Army Medical Center

**Program Director:**

Merlin G Anderson, MD  
William Beaumont Army Medical Center  
Office of Graduate Med Educ  
El Paso, TX 79920-5001  
915 569-2521

*Length:* 1 Year(s) *Total Positions:* 34 (GYI: 34)

*Sponsoring Spec:* GS,IM,OBG,ORS,PD

**Program ID: 999-48-00-137**

**Fort Sam Houston****Brooke Army Medical Center Program**

Brooke Army Medical Center

**Program Director:**

Ltc Daniel F Battafarano, DO  
Brooke Army Medical Center  
HSHE-ED/Bldg 1029  
2410 Stanley Rd  
Fort Sam Houston, TX 78234-6200  
210 916-6222

*Length:* 1 Year(s) *Total Positions:* 25 (GYI: 25)

*Sponsoring Spec:* GS,IM

**Program ID: 999-48-00-138**

**Fort Worth****John Peter Smith Hospital (Tarrant County Hospital District) Program**

John Peter Smith Hospital (Tarrant County Hospital District)

**Program Director:**

Donald K Nelms, MD  
John Peter Smith Hospital  
1500 S Main St  
Fort Worth, TX 76104  
817 927-1255

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* FP,OBG,ORS

**Program ID: 999-48-00-168**

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Lyndon B Johnson General Hospital  
Methodist Hospital  
St Luke's Episcopal Hospital  
Veterans Affairs Medical Center (Houston)

**Program Director:**

Thomas A Vargo, MD  
Baylor College of Medicine Graduate Medical Education  
One Baylor Plaza  
Rm S102  
Houston, TX 77030-3498  
713 798-4606

*Length:* 1 Year(s) *Total Positions:* 19 (GYI: 19)

*Sponsoring Spec:* AN,D,DR,GS,IM,N,NM,NS,OBG,OPH,ORS,OTO,P,PD,PM,PS,PTH,U

**Program ID: 999-48-00-139**

**St Joseph Hospital Program**

St Joseph Hospital

**Program Director:**

Ethan A Natelson, MD  
St Joseph Hospital of Houston  
1919 La Branch  
Houston, TX 77002  
713 757-7596

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* GS,IM

**Program ID: 999-48-00-140**

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
University of Texas M D Anderson Cancer Center

**Program Director:**

James D Hefner, MD  
University of Texas-Houston Medical School  
Lyndon B Johnson General Hospital  
5656 Kelley St  
Houston, TX 77026  
713 636-4646

*Length:* 1 Year(s) *Total Positions:* 16 (GYI: 16)

*Sponsoring Spec:* GS,IM,OBG,PD

**Program ID: 999-48-00-219**

**Lackland AFB****Wilford Hall USAF Medical Center Program**

Wilford Hall USAF Medical Center (SG)

**Program Director:**

Maj Michael F Schultz, MD  
59th Medical Wing/Psxx  
Wilford Hall Medical Center  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-6516

*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)

*Sponsoring Spec:* EM,GS,IM,OBG,PD

**Program ID: 999-48-00-192**

**Utah****Salt Lake City****LDS Hospital Program**

LDS Hospital  
Primary Children's Medical Center

**Program Director:**

James F Orme, MD  
LDS Hospital  
325 Eighth Ave  
Salt Lake City, UT 84143  
801 321-3663

*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)

*Sponsoring Spec:* GS,IM,OBG,PD

**Program ID: 999-49-00-142**

**Virginia****Newport News****Riverside Regional Medical Center Program**

Riverside Regional Medical Center

**Program Director:**

T Eugene Temple Jr, MD  
Riverside Regional Medical Center  
500 J Clyde Morris Blvd  
Newport News, VA 23601-1976  
804 594-2041

*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)

*Sponsoring Spec:* FP,OBG

**Program ID: 999-51-00-170**

**Portsmouth****Naval Medical Center (Portsmouth) Program\***

Naval Medical Center (Portsmouth)

**Program Director:**

Joseph D Kennedy, MD  
Naval Hospital  
Portsmouth, VA 23708-5000  
804 398-7218

*Length:* 1 Year(s) (GYI: 0)

*Sponsoring Spec:* GS,IM,OBG,P,PD

**Program ID: 999-51-00-193**

\* Updated information not provided.



## Roanoke

### Carilion Health System Program

Carilion Health System  
Community Hospital of Roanoke Valley  
Roanoke Memorial Hospitals  
*Program Director:*  
William S Erwin Jr, MD  
Carilion Health System-Roanoke Memorial Hospital  
Med Educ Dept, PO Box 13367  
Roanoke, VA 24033-3367  
703 981-7776  
*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-51-00-143**

## Washington

### Seattle

### Virginia Mason Medical Center Program

Virginia Mason Medical Center  
*Program Director:*  
Norman R Rosenthal, MD  
Virginia Mason Medical Center  
Office of Housestaff Affairs H7-ME  
925 Seneca St  
Seattle, WA 98101  
206 583-6079  
*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-54-00-144**

### Spokane

### Deaconess Medical Center Program

Deaconess Medical Center  
*Program Director:*  
Judy Benson, MD  
Deaconess Medical Center-Spokane  
800 W Fifth Ave  
PO Box 248  
Spokane, WA 99210-0248  
509 458-7159  
*Length:* 1 Year(s) *Total Positions:* 8 (GYI: 8)  
*Sponsoring Spec:* FP,IM  
**Program ID: 999-54-00-169**

### Sacred Heart Medical Center Program

Sacred Heart Medical Center  
*Program Director:*  
Lawrence G Schrock, MD  
Dept of Med Educ  
Sacred Heart Medical Center  
101 W Eighth Ave PO Box 2555  
Spokane, WA 99220-2555  
509 455-3020  
*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* DR,FP,IM  
**Program ID: 999-54-00-145**

### Tacoma

### Madigan Army Medical Center Program

Madigan Army Medical Center  
*Program Director:*  
Bruce A Cook, MD  
Madigan Army Medical Center  
Graduate Med Educ Office  
Attn: HSHJ-EDME  
Tacoma, WA 98431-5000  
206 968-0354  
*Length:* 1 Year(s) *Total Positions:* 22 (GYI: 22)  
*Sponsoring Spec:* EM,FP,GS,IM,OBG,ORS,OTO,PD,U  
**Program ID: 999-54-00-146**

## West Virginia

### Huntington

### Marshall University School of Medicine Program

Marshall University School of Medicine  
Cabell Huntington Hospital  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)  
*Program Director:*  
Shirley M Neitch, MD  
Marshall University School of Medicine  
1801 Sixth Ave  
Huntington, WV 25755-9410  
304 696-7237  
*Length:* 1 Year(s) *Total Positions:* 5 (GYI: 5)  
*Sponsoring Spec:* IM,PD  
**Program ID: 999-55-00-194**

## Wisconsin

### La Crosse

### Gundersen Medical Foundation-La Crosse Lutheran Hospital Program

Gundersen Medical Foundation-La Crosse Lutheran Hospital  
*Program Director:*  
Thomas P Lathrop, MD  
Gundersen Medical Foundation  
Lutheran Hosp-La Crosse  
1836 South Ave  
La Crosse, WI 54601-5429  
608 791-6650  
*Length:* 1 Year(s) *Total Positions:* 10 (GYI: 10)  
*Sponsoring Spec:* GS,IM  
**Program ID: 999-56-00-147**

### Marshfield

### Marshfield Clinic-St Joseph's Hospital Program

Marshfield Clinic-St Joseph's Hospital  
*Program Director:*  
Susan L Turney, MD  
Marshfield Clinic  
Dept Internal Medicine 3K6  
1000 N Oak Ave  
Marshfield, WI 54449  
715 387-5260  
*Length:* 1 Year(s) *Total Positions:* 6 (GYI: 6)  
*Sponsoring Spec:* GS,IM,PD  
**Program ID: 999-56-00-183**

### Milwaukee

### St Joseph's Hospital/Medical College of Wisconsin Program

St Joseph's Hospital  
*Program Director:*  
Kesavan Kutty, MD  
St Joseph's Hospital  
5000 W Chambers St  
Milwaukee, WI 53210  
414 447-2245  
*Length:* 1 Year(s) *Total Positions:* 12 (GYI: 12)  
*Sponsoring Spec:* IM,OBG  
**Program ID: 999-56-00-184**

### St Luke's Medical Center Program

St Luke's Medical Center  
*Program Director:*  
Richard J Battiola, MD  
St Luke's Hospital  
2900 W Oklahoma Ave  
PO Box 2901  
Milwaukee, WI 53215-2901  
414 649-7202  
*Length:* 1 Year(s) *Total Positions:* 16 (GYI: 16)  
*Sponsoring Spec:* DR,FP,OTO,PTH  
**Program ID: 999-56-00-148**

# Urology

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Children's Hospital of Alabama  
St Vincent's Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*  
Anton J Bueschen, MD  
University of Alabama at Birmingham  
Dept of Surgery Div of Urology  
1813 Sixth Ave S MEB605  
Birmingham, AL 35294-3296  
205 934-1462

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID: 480-01-11-014**

## Arizona

### Tucson

#### University of Arizona Program

University of Arizona College of Medicine  
Tucson Medical Center  
University Medical Center  
Veterans Affairs Medical Center (Tucson)

*Program Director:*  
George W Drach, MD  
Univ of Arizona Health Sciences Center  
Section of Urology  
1501 N Campbell Ave  
Tucson, AZ 85724  
602 626-6236

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID: 480-03-21-015**

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program

University of Arkansas College of Medicine  
Arkansas Children's Hospital  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*  
John F Redman, MD  
University of Arkansas for Medical Sciences  
4301 W Markham St Slot 540  
Little Rock, AR 72205-7199  
501 686-5242

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
**Program ID: 480-04-21-016**

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
Jerry L Pettis Memorial Veterans Hospital  
Riverside General Hospital-University Medical Center  
San Bernardino County Medical Center

*Program Director:*  
H Roger Hadley, MD  
Loma Linda Univ Med Ctr  
Div of Urology  
11234 Anderson St. Rm A562  
Loma Linda, CA 92354  
909 824-4196

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID: 480-05-21-019**

### Los Angeles

#### UCLA Medical Center Program

UCLA School of Medicine  
LAC-Olive View Medical Center  
Los Angeles County-Harbor-UCLA Medical Center  
UCLA Medical Center  
Veterans Affairs Medical Center (West Los Angeles)

*Program Director:*  
Jean B deKernion, MD  
UCLA Medical Center  
10833 Le Conte Ave  
CHS 66-143  
Los Angeles, CA 90024-1738  
213 825-5088

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 3)  
**Program ID: 480-05-21-022**

#### University of Southern California Program

Los Angeles County-USC Medical Center  
Kenneth Norris Jr Cancer Hospital and Research  
Institute

*Program Director:*  
Donald G Skinner, MD  
Dept of Urology  
1200 N State St  
Room 5900 G H  
Los Angeles, CA 90033  
213 226-7335

*Length:* 4 Year(s) *Total Positions:* 25 (GYI: 3)  
**Program ID: 480-05-21-021**

### Oakland

#### Naval Hospital (Oakland) Program

Naval Hospital (Oakland)  
University of California (San Francisco) Medical Center

*Program Director:*  
Raymond B Leidich, MD  
US Naval Hospital Oakland  
Dept of Urology  
8750 Mountain Blvd  
Oakland, CA 94627-5000  
415 633-5743

*Length:* 3 Year(s) (GYI: 0)  
**Program ID: 480-05-21-008**

## Orange

#### University of California (Irvine) Program

University of California (Irvine) Medical Center  
Kaiser Foundation Hospital (Anaheim)  
St Joseph Hospital  
Veterans Affairs Medical Center (Long Beach)

*Program Director:*  
Thomas E Ahlering, MD  
University of California (Irvine) Medical Center  
Dept of Surgery/Urology  
101 City Dr Rt 81  
Orange, CA 92668  
714 456-6068

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID: 480-05-21-018**

## Pasadena

#### Southern California Kaiser Permanente Medical Care (Los Angeles) Program

Southern California Kaiser Permanente Medical Group  
Kaiser Foundation Hospital (Los Angeles)

*Program Director:*  
Gary E Leach, MD  
Kaiser Permanente Medical Center  
4900 Sunset Blvd  
5th Fl  
Los Angeles, CA 90027  
213 667-5500

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID: 480-05-12-020**

## Sacramento

#### University of California (Davis) Program

University of California (Davis) Medical Center  
Kaiser Foundation Hospital (Sacramento)

*Program Director:*  
Ralph W deVere White, MD  
Dept of Urology  
4301 X St Ste 2210  
Sacramento, CA 95817-2281  
916 734-2823

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID: 480-05-21-017**

## San Diego

#### Naval Medical Center (San Diego) Program

Naval Medical Center (San Diego)

*Program Director:*  
John P Sands Jr, MD  
Dept of Urology  
Code DHA  
Naval Medical Center  
San Diego, CA 92134-5000  
619 532-7201

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)  
**Program ID: 480-05-11-009**

#### University of California (San Diego) Program

University of California (San Diego) Medical Center  
Children's Hospital and Health Center  
Veterans Affairs Medical Center (San Diego)

*Program Director:*  
Joseph D Schmidt, MD  
UCSD Medical Center  
Div of Urology (8897)  
200 W Arbor Dr  
San Diego, CA 92103-8897  
619 543-5904

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Subspecialties:* UP  
**Program ID: 480-05-21-024**

\* Updated information not provided.

**San Francisco**

**University of California (San Francisco) Program\***

University of California (San Francisco) School of Medicine  
San Francisco General Hospital Medical Center  
University of California (San Francisco) Medical Center  
Veterans Affairs Medical Center (San Francisco)

*Program Director:*  
Emil A Tanagho, MD  
Univ of California (San Francisco)  
Dept of Urology U-518 Box 0738  
San Francisco, CA 94143  
415 476-5467  
*Length:* 4 Year(s)  
*Program ID:* 480-05-21-025

**Stanford**

**Stanford University Program**

Stanford University Hospital  
Lucile Salter Packard Children's Hospital at Stanford  
Santa Clara Valley Medical Center  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*  
Linda M D Shortliffe, MD  
Dept of Urology (S287)  
Stanford Univ Schl of Med  
Stanford, CA 94305-5118  
415 725-5542  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-05-31-026

**Colorado**

**Aurora**

**Fitzsimons Army Medical Center Program**

Fitzsimons Army Medical Center

*Program Director:*  
Robert C Allen Jr, MD  
Fitzsimons Army Medical Center  
Urology Serv  
Aurora, CO 80045-5001  
303 361-8619  
*Length:* 3 Year(s) *Total Positions:* 2 (GYI: 0)  
*Program ID:* 480-07-11-003

**Denver**

**University of Colorado Program**

University of Colorado Health Sciences Center  
Fitzsimons Army Medical Center  
Veterans Affairs Medical Center (Denver)

*Program Director:*  
E David Crawford, MD  
University of Colorado Health Science Center  
4200 E Ninth Ave  
Mail Container C-319  
Denver, CO 80262-0319  
303 270-7645  
*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 1)  
*Program ID:* 480-07-21-027

**Connecticut**

**Farmington**

**University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
Newington Children's Hospital  
St Francis Hospital and Medical Center  
Univ of Connecticut Health Center/John Dempsey Hospital

*Program Director:*  
Peter Albertsen, MD  
University of Connecticut  
263 Farmington Ave MC 3955  
Farmington, CT 06030-3955  
203 679-3467  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-08-21-028

**New Haven**

**Yale-New Haven Medical Center Program**

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)  
Waterbury Hospital Health Center

*Program Director:*  
Robert M Weiss, MD  
Dept of Surgery Section of Urology  
333 Cedar St YPB #321  
PO Box 3333  
New Haven, CT 06510  
203 786-2815  
*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 480-08-11-029

**District of Columbia**

**Washington**

**George Washington University Program**

George Washington University School of Medicine  
Children's National Medical Center  
Fairfax Hospital  
George Washington University Hospital

*Program Director:*  
Harry C Miller Jr, MD  
George Washington University Dept of Urology  
2150 Pennsylvania Ave NW  
Washington, DC 20037  
202 994-4001  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-10-21-031

**Georgetown University Program\***

Georgetown University Hospital  
Sibley Memorial Hospital  
Veterans Affairs Medical Center (Washington, DC)

*Program Director:*  
John H Lynch, MD  
Georgetown University Dept of Urology  
Washington, DC 20007-2197  
202 687-4922  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-10-21-030

**Howard University Program**

Howard University Hospital  
District of Columbia General Hospital

*Program Director:*  
Aaron G Jackson, MD  
Howard University Hospital  
2041 Georgia Ave NW  
Washington, DC 20060  
202 865-1314  
*Length:* 4 Year(s) *Total Positions:* 1 (GYI: 0)  
*Program ID:* 480-10-21-032

**Walter Reed Army Medical Center Program**

Walter Reed Army Medical Center

*Program Director:*  
Col David G McLeod, MD  
Urology Serv Dept of Surgery  
Walter Reed Army Med Ctr  
6825 16th St NW  
Washington, DC 20307-5001  
202 782-6408  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-10-21-004

**Washington Hospital Center Program**

Washington Hospital Center

*Program Director:*  
Mitchell Edson, MD  
Washington Hospital Center  
110 Irving St NW  
Ste 3B-31  
Washington, DC 20010  
202 877-6032  
*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 480-10-12-033

**Florida**

**Gainesville**

**University of Florida Program**

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*  
David M Drylie, MD  
University of Florida College of Medicine  
Div of Urology  
Box 100247  
Gainesville, FL 32610-0247  
904 392-2501  
*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 480-11-21-034

**Miami**

**University of Miami-Jackson Memorial Medical Center Program**

University of Miami-Jackson Memorial Medical Center  
Veterans Affairs Medical Center (Miami)

*Program Director:*  
Mark S Soloway, MD  
Jackson Memorial Hospital Dept of Urology  
PO Box 016960 (M814)  
Miami, FL 33101  
305 547-6596  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 480-11-21-036

\* Updated information not provided.

## Tampa

### University of South Florida Program

University of South Florida College of Medicine  
H Lee Moffitt Cancer Center  
James A Haley Veterans Hospital  
Tampa General Healthcare  
Veterans Affairs Medical Center (Bay Pines)

*Program Director:*

Jorge L Lockhart, MD  
University of South Florida College of Medicine  
12901 Bruce B Downs Blvd  
Box 16  
Tampa, FL 33612-4799  
813 974-2411

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID: 480-11-21-169**

## Georgia

### Atlanta

#### Emory University Program\*

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital  
Veterans Affairs Medical Center (Atlanta)

*Program Director:*

Sam D Graham Jr, MD  
Emory Clinic Section of Urology  
1365 Clifton Rd NE  
Atlanta, GA 30322  
404 248-3947

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID: 480-12-21-039**

### Augusta

#### Medical College of Georgia Program

Medical College of Georgia Hospital and Clinics  
University Hospital  
Veterans Affairs Medical Center (Augusta)

*Program Director:*

Roy Witherington, MD  
Medical College of Georgia  
Room BA-8408  
1120 15th St  
Augusta, GA 30912-4050  
706 721-2546

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 2)  
**Program ID: 480-12-21-040**

## Hawaii

### Tripler AMC

#### Tripler Army Medical Center Program

Tripler Army Medical Center

*Program Director:*

George E Deshon Jr, MD  
Tripler Army Medical Center  
HSHK-DSU  
Urology Serv  
Honolulu, HI 96859-5000  
808 433-2972

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)  
**Program ID: 480-14-32-005**

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Children's Memorial Medical Center  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Anthony J Schaeffer, MD  
Northwestern University Medical School  
Dept of Urology  
Tarry 11-715 303 E Chicago Ave  
Chicago, IL 60611  
312 908-8145

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID: 480-16-21-045**

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Charles F McKiel Jr, MD  
Dept of Urology  
1653 W Congress Pkwy  
Chicago, IL 60612-3864  
312 942-6447

*Length:* 3 Year(s) *Total Positions:* 5 (GYI: 1)  
**Program ID: 480-16-31-046**

#### University of Chicago Program

University of Chicago Hospitals  
Louis A Weiss Memorial Hospital

*Program Director:*

Charles B Brendler, MD  
University of Chicago Medical Center  
5841 Maryland Ave MC6038  
Chicago, IL 60637-1470  
312 702-6105

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
**Program ID: 480-16-21-047**

#### University of Illinois College of Medicine at Chicago Program

University of Illinois College of Medicine at Chicago  
Cook County Hospital  
Michael Reese Hospital and Medical Center  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Lawrence S Ross, MD  
Univ of Illinois Coll of Med  
820 S Wood St (MC958)  
Chicago, IL 60612  
312 996-2779

*Length:* 4 Year(s) *Total Positions:* 23 (GYI: 4)  
**Program ID: 480-16-21-174**

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital  
Lutheran General Hospital

*Program Director:*

Robert C Flanigan, MD  
Foster G McGaw Hospital  
2160 S First Ave  
Bldg 54 Rm 237A  
Maywood, IL 60153-5585  
708 216-4076

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)  
**Program ID: 480-16-21-166**

## Springfield

### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

John H Texter Jr, MD  
SIU School of Medicine Div of Urology  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-8860

*Length:* 3 Year(s) *Total Positions:* 3 (GYI: 0)  
**Program ID: 480-16-21-050**

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center  
Methodist Hospital of Indiana  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

John P Donohue, MD  
Indiana University Hospital  
550 N University Blvd Ste 1725  
Indianapolis, IN 46202-5250  
317 274-7338

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
**Program ID: 480-17-21-051**

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Richard D Williams, MD  
University of Iowa Hospitals and Clinics  
Dept of Urology  
Iowa City, IA 52242-1089  
319 356-0760

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 3)  
**Program ID: 480-18-21-052**

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

Winston K Mestub, MD  
University of Kansas Medical Center  
3901 Rainbow Blvd  
Kansas City, KS 66160-7390  
913 588-6152

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 3)  
**Program ID: 480-19-21-053**

\* Updated information not provided.

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
St Joseph Hospital  
Veterans Affairs Medical Center (Lexington)

**Program Director:**

J William McRobert, MD  
Univ of Kentucky School of Medicine Div of Urology  
800 Rose St MS 275  
Lexington, KY 40536-0084  
606 323-6677

Length: 3 Year(s) Total Positions: 10 (GYI: 2)

Program ID: 480-20-21-054

### Louisville

#### University of Louisville Program

University of Louisville School of Medicine  
Jewish Hospital  
Kosair Children's Hospital (Alliant Health System)  
Norton Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

**Program Director:**

Mohammad Amin, MD  
Dept of Surgery Div of Urology  
University of Louisville  
School of Medicine  
Louisville, KY 40292  
502 852-5447

Length: 3 Year(s) Total Positions: 6 (GYI: 0)

Program ID: 480-20-21-055

## Louisiana

### New Orleans

#### Louisiana State University/Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation  
Children's Hospital  
Meadowcrest Hospital  
Medical Center of Louisiana at New Orleans

**Program Director:**

Harold A Fuselier Jr, MD  
Ochsner Medical Foundation  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4083

Length: 4 Year(s) Total Positions: 8 (GYI: 0)

Program ID: 480-21-21-176

#### Tulane University Program

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane  
Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

**Program Director:**

O Joseph Dean Jr, MD  
Tulane University School of Medicine Dept of Urology  
1430 Tulane Ave  
New Orleans, LA 70112  
504 584-2794

Length: 4 Year(s) Total Positions: 12 (GYI: 3)

Program ID: 480-21-21-058

## Shreveport

#### Louisiana State University (Shreveport) Program

Louisiana State University Medical Center-Shreveport  
Overton Brooks Veterans Affairs Medical Center  
Schumpert Medical Center

**Program Director:**

Dennis D Venable, MD  
Louisiana State University Medical Center Urology Dept  
1501 Kings Hwy  
PO Box 33932  
Shreveport, LA 71130-3932  
318 675-5600

Length: 3 Year(s) Total Positions: 10 (GYI: 2)

Program ID: 480-21-21-059

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Bayview Medical Center  
Johns Hopkins Hospital

**Program Director:**

Patrick C Walsh, MD  
Dept of Urology  
Johns Hopkins Hospital  
Baltimore, MD 21287-2101  
410 955-6769

Length: 4 Year(s) Total Positions: 8 (GYI: 0)

Program ID: 480-23-21-060

#### University of Maryland Program

University of Maryland Medical System  
Johns Hopkins Hospital  
Sinai Hospital of Baltimore  
St Agnes Hospital of the City of Baltimore  
Veterans Affairs Medical Center (Baltimore)

**Program Director:**

Stephen C Jacobs, MD  
University of Maryland Medical System  
Div of Urology  
22 S Greene St Rm S8D18  
Baltimore, MD 21201  
410 328-5544

Length: 4 Year(s) Total Positions: 12 (GYI: 2)

Program ID: 480-23-21-062

### Bethesda

#### National Naval Medical Center (Bethesda) Program

National Naval Medical Center (Bethesda)

**Program Director:**

Capt Kevin J O'Connell, MD  
National Naval Medical Center  
Dept of Urology  
8901 Wisconsin Ave  
Bethesda, MD 20889-5600  
202 295-4280

Length: 3 Year(s) Total Positions: 5 (GYI: 2)

Program ID: 480-23-21-010

## Massachusetts

### Boston

#### Boston University Program

Boston University Medical Center-University Hospital  
Boston City Hospital  
Children's Hospital  
Veterans Affairs Medical Center (Boston)

**Program Director:**

Robert J Krane, MD  
Boston University Medical Center  
720 Harrison Ave #606  
Boston, MA 02118-2393  
617 638-8485

Length: 4 Year(s) Total Positions: 8 (GYI: 0)

Program ID: 480-24-21-063

#### Harvard Medical School Program\*

Brigham and Women's Hospital  
Beth Israel Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center  
Children's Hospital

**Program Director:**

Jerome P Richie, MD  
Brigham and Women's Hospital  
45 Francis St  
Boston, MA 02115  
617 732-6325

Length: 4 Year(s) Total Positions: 14 (GYI: 2)

Subspecialties: UP

Program ID: 480-24-21-064

#### Massachusetts General Hospital/Harvard Medical School Program

Massachusetts General Hospital  
Children's Hospital

**Program Director:**

W Scott McDougal, MD  
Massachusetts General Hospital  
Dept of Urology GRB1102  
32 Fruit St  
Boston, MA 02114  
617 726-3010

Length: 3 Year(s) Total Positions: 8 (GYI: 0)

Program ID: 480-24-11-161

#### Tufts University Program

New England Medical Center Hospitals  
St Elizabeth's Medical Center of Boston

**Program Director:**

Edwin M Meares Jr, MD  
New England Medical Center Hospitals Inc  
750 Washington St  
Boston, MA 02111  
617 956-5923

Length: 4 Year(s) Total Positions: 4 (GYI: 0)

Program ID: 480-24-21-162

### Burlington

#### Lahey Clinic Program

Lahey Clinic  
Children's Hospital  
New England Deaconess Hospital

**Program Director:**

John A Libertino, MD  
Lahey Clinic Foundation  
Dept of Urology  
41 Mall Rd  
Burlington, MA 01805  
617 273-8420

Length: 4 Year(s) Total Positions: 12 (GYI: 0)

Program ID: 480-24-22-065

\* Updated information not provided.

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center  
Medical Center of Central Massachusetts  
St Vincent Hospital  
Veterans Affairs Medical Center (Togus)

*Program Director:*  
David A Diamond, MD  
Univ of Massachusetts Med Ctr  
55 Lake Ave N  
Worcester, MA 01655  
508 856-6504

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 480-24-21-167

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*  
Joseph Oesterling, MD  
University of Michigan Hospital  
1500 E Medical Ctr Dr PO Box 0330  
Ann Arbor, MI 48109-0330  
313 936-5775

*Length:* 3 Year(s) *Total Positions:* 15 (GYI: 3)  
*Subspecialties:* UP  
*Program ID:* 480-25-21-066

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*  
Joseph C Cerny, MD  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-2067

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-25-11-067

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Children's Hospital of Michigan  
Harper Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*  
J Edson Pontes, MD  
Harper Hospital Dept of Urology  
1017 Harper Prof Bldg 4160 John R  
Detroit, MI 48201  
313 745-7381

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 0)  
*Subspecialties:* UP  
*Program ID:* 480-25-31-069

**Royal Oak****William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*  
Ananias C Diokno, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-5012

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-25-12-071

**Minnesota****Minneapolis****University of Minnesota Program\***

University of Minnesota Medical School  
St Paul-Ramsey Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*  
Pratap K Reddy, MD  
Paul Gleich, MD  
University of Minnesota Hospital and Clinics  
420 Delaware St SE  
Box 394 Mayo Memorial Bldg  
Minneapolis, MN 55455  
612 625-2436

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 3)  
*Program ID:* 480-26-21-072

**Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*  
David M Barrett, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-1330

*Length:* 4 Year(s) *Total Positions:* 26 (GYI: 5)  
*Subspecialties:* UP  
*Program ID:* 480-26-21-073

**Mississippi****Jackson****University of Mississippi Medical Center Program**

University of Mississippi School of Medicine  
University Hospital  
Veterans Affairs Medical Center (Jackson)

*Program Director:*  
Jackson E Fowler Jr, MD  
University of Mississippi Medical Center  
Dept of Urology  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5185

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 1)  
*Program ID:* 480-27-21-075

**Missouri****Columbia****University of Missouri-Columbia Program**

University of Missouri-Columbia School of Medicine  
Harry S Truman Memorial Veterans Hospital  
University and Children's Hospital

*Program Director:*  
Gilbert Ross Jr, MD  
University Hospital & Clinics  
Div of Urology  
One Hospital Dr Rm N510  
Columbia, MO 65212  
314 882-1151

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)  
*Program ID:* 480-28-21-076

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St John's Mercy Medical Center  
St Louis University Hospital  
St Mary's Health Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*  
Raul O Parra, MD  
St Louis University School of Medicine  
3635 Vista Ave at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8790

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)  
*Program ID:* 480-28-21-078

**Washington University Program**

Barnes Hospital  
Veterans Affairs Medical Center (St Louis)

*Program Director:*  
William J Catalona, MD  
216 Wohl Hospital  
4960 Children's Pl  
St Louis, MO 63110  
314 362-8206

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
*Program ID:* 480-28-21-079

**Nebraska****Omaha****University of Nebraska Program**

University of Nebraska Medical Center  
Methodist Hospital  
Veterans Affairs Medical Center (Omaha)

*Program Director:*  
Rodney J Taylor, MD  
Univ of Nebraska Coll of Med Sect of Urology  
Hospital Rm #6418  
600 S 42nd St  
Omaha, NE 68198-2360  
402 559-4292

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 2)  
*Program ID:* 480-30-21-081

\* Updated information not provided.

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

John A Heaney, MD  
Dartmouth-Hitchcock Medical Center Section of Urology  
One Medical Center Dr  
Lebanon, NH 03756  
603 650-6033

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 480-32-21-082**

## New Jersey

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
Hackensack Medical Center  
UMDNJ-University Hospital

*Program Director:*

Robert J Irwin Jr, MD  
UMDNJ-New Jersey Med Sch Sect of Urology (G-536)  
185 S Orange Ave  
Newark, NJ 07103-2757  
201 982-4488

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 0)

**Program ID: 480-33-21-083**

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Cooper Hospital-University Medical Center  
Medical Center at Princeton  
Robert Wood Johnson University Hospital

*Program Director:*

Kenneth B Cummings, MD  
UMDNJ-Robert Wood Johnson Medical School-CN19  
One Robert Wood Johnson Pl  
Div of Urology Rm 588  
New Brunswick, NJ 08903-0019  
908 235-7775

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 0)

**Program ID: 480-33-21-173**

## New Mexico

### Albuquerque

#### University of New Mexico Program

University of New Mexico School of Medicine  
Lovelace Medical Center  
University Hospital  
Veterans Affairs Medical Center (Albuquerque)

*Program Director:*

Thomas A Borden, MD  
School of Medicine  
Dept of Surgery/Div of Urology  
2211 Lomas Blvd NE  
Albuquerque, NM 87131-5341  
505 272-5505

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 480-34-21-084**

## New York

### Albany

#### Albany Medical Center Program\*

Albany Medical Center Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Ronald P Kaufman, MD  
Albany Medical Center  
Div of Urological Surgery A-108  
43 New Scotland Ave  
Albany, NY 12208-3478  
518 262-5407

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 0)

**Program ID: 480-35-21-085**

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center  
Montefiore Medical Center-Henry and Lucy Moses  
Division  
Montefiore Medical Center-Weiler Hospital  
North Central Bronx Hospital

*Program Director:*

Arnold Melman, MD  
Montefiore Medical Center  
Dept of Urology E 3  
111 E 210th St  
Bronx, NY 10467  
718 920-7606

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 2)

**Program ID: 480-35-21-089**

### Brooklyn

#### Brookdale Hospital Medical Center Program

Brookdale Hospital Medical Center  
SUNY HSC at Brooklyn College of Medicine

*Program Director:*

Hong Kim, MD  
Brookdale Hospital Medical Center  
Dept of Urology  
Linden Blvd at Brookdale Plaza  
Brooklyn, NY 11212  
718 240-5323

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)

**Program ID: 480-35-31-091**

#### Maimonides Medical Center Program

Maimonides Medical Center  
Coney Island Hospital

*Program Director:*

Gilbert J Wise, MD  
Maimonides Medical Center  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 438-3475

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 480-35-21-099**

## SUNY Health Science Center at Brooklyn Program

SUNY HSC at Brooklyn College of Medicine  
Kings County Hospital Center  
Long Island College Hospital  
University Hospital-SUNY Health Science Center at  
Brooklyn  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Richard J Macchia, MD  
SUNY Health Science Center  
445 Lenox Rd Box 79  
Brooklyn, NY 11203-2088  
718 270-2554

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID: 480-35-21-107**

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education  
Consortium  
Buffalo General Hospital  
Children's Hospital of Buffalo  
Millard Fillmore Hospitals  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Gerald Sufin, MD  
Erie County Medical Center  
462 Grider St  
Buffalo, NY 14215  
716 898-5460

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)

**Program ID: 480-35-21-087**

### New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center  
Winthrop-University Hospital

*Program Director:*

Arthur D Smith, MD  
Long Island Jewish Medical Center  
Dept of Urology  
270-05 76th Ave  
New Hyde Park, NY 11040-1496  
718 470-7221

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)

**Program ID: 480-35-21-098**

### New York

#### Albert Einstein College of Medicine at Beth Israel Medical Center Program

Beth Israel Medical Center  
LaGuardia Hospital

*Program Director:*

Harris M Nagler, MD  
Dept of Urology  
Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003  
212 420-4280

*Length:* 3 Year(s) *Total Positions:* 6 (GYI: 0)

**Program ID: 480-35-11-090**

\* Updated information not provided.

**Lenox Hill Hospital Program**

Lenox Hill Hospital

*Program Director:*  
John A Fracchia, MD  
Lenox Hill Hospital  
Section of Urology100 E 77th St  
New York, NY 10021-1883  
212 434-2190  
*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)**Program ID: 480-35-11-086****Mount Sinai School of Medicine Program**Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Bronx)*Program Director:*Michael J Droller, MD  
Mount Sinai Med Ctr Dept of Urology  
One Gustave L Levy Pl  
Box 1272  
New York, NY 10029-6574  
212 241-8711*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)**Program ID: 480-35-21-102****New York Hospital/Cornell Medical Center Program**New York Hospital  
Memorial Sloan-Kettering Cancer Center*Program Director:*E Darracott Vaughan Jr, MD  
New York Hospital  
525 E 68th St Box 94  
New York, NY 10012  
212 746-5480*Length:* 4 Year(s) *Total Positions:* 14 (GYI: 0)**Program ID: 480-35-21-093****New York University Medical Center Program**New York University Medical Center  
Bellevue Hospital Center  
Cabrini Medical Center  
Veterans Affairs Medical Center (Manhattan)*Program Director:*Herbert Lepor, MD  
New York University Medical Center  
560 First Ave  
New York, NY 10016  
212 263-6301*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)**Program ID: 480-35-21-104****Presbyterian Hospital in the City of New York Program**

Presbyterian Hospital in the City of New York

*Program Director:*Carl A Olsson, MD  
Columbia Presbyterian Medical Center  
630 W 168th St  
New York, NY 10032  
212 892-4139*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)**Program ID: 480-35-21-092****St Luke's-Roosevelt Hospital Center Program**St Luke's-Roosevelt Hospital Center  
St Luke's-Roosevelt Hospital Center-Roosevelt Division  
St Luke's-Roosevelt Hospital Center-St Luke's Division*Program Director:*Nicholas A Romas, MD  
St Luke's-Roosevelt Hospital Center  
Dept of Urology  
1000 Tenth Ave Ste 6C-01  
New York, NY 10019  
212 523-7756*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)**Program ID: 480-35-21-168****Rochester****University of Rochester Program**Strong Memorial Hospital of the University of Rochester  
Genesee Hospital  
Rochester General Hospital*Program Director:*Abraham T Cockett, MD  
Strong Memorial Hospital of the University of Rochester  
601 Elmwood Ave Box 656  
Rochester, NY 14642  
716 275-7993*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)**Program ID: 480-35-21-108****Stony Brook****SUNY at Stony Brook Program**University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)*Program Director:*Wayne C Walzter, MD  
Dept of Urology  
SUNY Stony Brook School of Medicine  
HSC-T9-040  
Stony Brook, NY 11794-8098  
516 444-3642*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 0)**Program ID: 480-35-21-175****Syracuse****SUNY Health Science Center at Syracuse Program**University Hospital-SUNY Health Science Center at  
Syracuse  
Veterans Affairs Medical Center (Syracuse)*Program Director:*Zahi N Makhuli, MD  
SUNY Hlth Sci Ctr at Syracuse  
Dept of Urology  
750 E Adams St  
Syracuse, NY 13210  
315 464-4473*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 0)**Program ID: 480-35-21-109****Valhalla****New York Medical College at Westchester County Medical Center Program**New York Medical College  
Lincoln Medical and Mental Health Center  
Metropolitan Hospital Center  
Our Lady of Mercy Medical Center  
Westchester County Medical Center*Program Director:*Camille Mallouh, MD  
New York Medical College  
Dept of Urology  
Munger Pavilion Rm 460  
Valhalla, NY 10595  
914 993-4300*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 0)**Program ID: 480-35-21-108****North Carolina****Chapel Hill****University of North Carolina Hospitals Program**University of North Carolina Hospitals  
Danville Regional Medical Center  
Wake Medical Center*Program Director:*Culley C Carson III, MD  
UNC School of Medicine  
Div of Urology CB 7235  
428 Burnett-Womack Bldg 229-H  
Chapel Hill, NC 27599-7235  
919 966-2571*Length:* 3 Year(s) *Total Positions:* 4 (GYI: 0)**Program ID: 480-36-21-110****Durham****Duke University Program**Duke University Medical Center  
Veterans Affairs Medical Center (Asheville)  
Veterans Affairs Medical Center (Durham)*Program Director:*David F Paulson, MD  
Duke University Medical Center  
PO Box 3707  
Durham, NC 27710  
919 684-2093*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)**Program ID: 480-36-21-112****Winston-Salem****Bowman Gray School of Medicine Program**North Carolina Baptist Hospital  
Forsyth Memorial Hospital*Program Director:*David L McCullough, MD  
Dept of Urology  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1094  
910 716-4131*Length:* 3 Year(s) *Total Positions:* 2 (GYI: 2)**Program ID: 480-36-21-113**

\* Updated information not provided.



## Ohio

### Akron

#### Akron General Medical Center/NEOUCOM Program

Akron General Medical Center  
Akron City Hospital (Summa Health System)  
Children's Hospital Medical Center of Akron

*Program Director:*

L Davis Arbuckle Jr, MD  
Akron General Medical Center  
400 Wabash Ave  
Akron, OH 44307  
216 384-6051

*Length:* 3 Year(s) *Total Positions:* 10 *(GYI:* 2)

*Program ID:* 480-38-21-164

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital  
Children's Hospital Medical Center  
Christ Hospital  
Veterans Affairs Medical Center (Cincinnati)

*Program Director:*

Nina S Davis, MD  
University of Cincinnati Medical Center  
Div of Urology  
231 Bethesda Ave ML 589  
Cincinnati, OH 45267-0589  
513 558-4389

*Length:* 4 Year(s) *Total Positions:* 18 *(GYI:* 2)

*Program ID:* 480-38-21-117

### Cleveland

#### Case Western Reserve University Program

University Hospitals of Cleveland  
MetroHealth Medical Center  
Veterans Affairs Medical Center (Cleveland)

*Program Director:*

Martin I Resnick, MD  
Case Western Reserve University  
11100 Euclid Ave LKSD 7112  
Cleveland, OH 44106-5046  
216 844-3011

*Length:* 4 Year(s) *Total Positions:* 21 *(GYI:* 3)

*Program ID:* 480-38-21-118

#### Cleveland Clinic Foundation Program

Cleveland Clinic Foundation

*Program Director:*

Drogo K Montague, MD  
Cleveland Clinic Foundation  
9550 Euclid Ave TT32  
Dept of Urology  
Cleveland, OH 44195-5242  
216 444-5690

*Length:* 4 Year(s) *Total Positions:* 18 *(GYI:* 3)

*Program ID:* 480-38-22-119

## Columbus

### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital  
Riverside Methodist Hospitals

*Program Director:*

Robert A Badalament, MD  
The Ohio State University  
4829 UHC  
456 W Tenth Ave  
Columbus, OH 43210-1228  
614 293-8155

*Length:* 3 Year(s) *Total Positions:* 10 *(GYI:* 2)

*Program ID:* 480-38-21-120

## Toledo

### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Hospital

*Program Director:*

Kenneth A Kropp, MD  
Medical College of Ohio Dept of Urology  
CS #10008  
Toledo, OH 43699  
419 381-3961

*Length:* 4 Year(s) *Total Positions:* 12 *(GYI:* 2)

*Program ID:* 480-38-21-122

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University of Oklahoma College of Medicine-Oklahoma City  
Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*

Daniel J Culkln, MD  
Univ of Oklahoma Coll of Med Dept of Urology  
920 Stanton L Young Blvd 5SP330  
PO Box 26901  
Oklahoma City, OK 73190  
405 271-6900

*Length:* 3 Year(s) *Total Positions:* 9 *(GYI:* 3)

*Program ID:* 480-39-21-123

## Oregon

### Portland

#### Oregon Health Sciences University Program

Oregon Health Sciences University Hospital  
Kaiser Permanente-NW Region  
Veterans Affairs Medical Center (Portland)

*Program Director:*

John M Barry, MD  
Oregon Health Sciences University  
3181 SW Sam Jackson Park Rd  
Portland, OR 97201-3098  
503 494-8470

*Length:* 4 Year(s) *Total Positions:* 12 *(GYI:* 2)

*Program ID:* 480-40-21-124

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

Joseph J Mowad, MD  
Geisinger Medical Center  
Dept of Urology  
Danville, PA 17822  
717 271-6376

*Length:* 4 Year(s) *Total Positions:* 6 *(GYI:* 1)

*Program ID:* 480-41-11-125

### Hershey

#### Milton S Hershey Medical Center of Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr  
Lancaster General Hospital  
Veterans Affairs Medical Center (Lebanon)

*Program Director:*

Thomas J Rohner Jr, MD  
Div of Urology  
University Hospital  
PO Box 850  
Hershey, PA 17033  
717 531-8849

*Length:* 4 Year(s) *Total Positions:* 12 *(GYI:* 2)

*Program ID:* 480-41-21-127

### Philadelphia

#### Temple University Program

Temple University Hospital  
Abington Memorial Hospital  
Fox Chase Cancer Center  
St Christopher's Hospital for Children

*Program Director:*

Philip M Hanno, MD  
3 Parkinson Pavillion  
Temple University Hospital  
Broad & Tioga Sts  
Philadelphia, PA 19140  
215 707-4445

*Length:* 4 Year(s) *Total Positions:* 8 *(GYI:* 0)

*Program ID:* 480-41-21-132

#### Thomas Jefferson University Program

Thomas Jefferson University Hospital  
Alfred I DuPont Institute of the Nemours Foundation  
Bryn Mawr Hospital  
Veterans Affairs Medical Center (Wilmington)

*Program Director:*

S Grant Mulholland, MD  
Thomas Jefferson University Hospital Dept of Urology  
1025 Walnut St 1112 College Bldg  
Philadelphia, PA 19107  
215 955-6961

*Length:* 4 Year(s) *Total Positions:* 4 *(GYI:* 0)

*Program ID:* 480-41-21-133

#### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Children's Hospital of Philadelphia  
Pennsylvania Hospital  
Veterans Affairs Medical Center (Philadelphia)

*Program Director:*

Alan J Wein, MD  
Hospital of the University Pennsylvania  
Div of Urology  
3400 Spruce St 5-Silverstein  
Philadelphia, PA 19104  
215 662-2891

*Length:* 4 Year(s) *Total Positions:* 12 *(GYI:* 0)

*Subspecialties:* UP

*Program ID:* 480-41-21-134

\* Updated information not provided.

**Pittsburgh****University Health Center of Pittsburgh Program**

University Health Center of Pittsburgh  
Allegheny General Hospital  
Children's Hospital of Pittsburgh  
Montefiore University Hospital (UPMC)  
Presbyterian-University Hospital/UPMC  
Veterans Affairs Medical Center (Pittsburgh)

*Program Director:*

Thomas R Hakala, MD  
University of Pittsburgh Dept of Urology  
Ste #700

3471 Fifth Ave  
Pittsburgh, PA 15213  
412 692-4092

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-41-21-135

**Puerto Rico****San Juan****University of Puerto Rico Program**

University of Puerto Rico School of Medicine  
University Hospital  
Veterans Affairs Medical Center (San Juan)

*Program Director:*

Antonio Puras-Baez, MD  
Universidad De Puerto Rico Apartado 5067  
Recinto de Ciencias Medicas

San Juan, PR 00936  
809 758-2525

*Length:* 3 Year(s)  
*Program ID:* 480-42-31-138

**Rhode Island****Providence****Brown University Program**

Rhode Island Hospital  
Roger Williams Medical Center  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Anthony A Caldafone, MD  
Rhode Island Hospital  
593 Eddy St

Providence, RI 02903  
401 444-5795

*Length:* 3 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-43-31-139

**South Carolina****Charleston****Medical University of South Carolina Program**

Medical University of South Carolina College of Medicine  
Charleston Memorial Hospital  
MUSC Medical Center  
Veterans Affairs Medical Center (Charleston)

*Program Director:*

William R Turner Jr, MD  
Medical University of South Carolina  
171 Ashley Ave  
Charleston, SC 29425

803 792-4531

*Length:* 3 Year(s) *Total Positions:* 10 (GYI: 2)  
*Program ID:* 480-45-21-140

**Tennessee****Memphis****University of Tennessee Program**

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Clair E Cox, MD  
University of Tennessee Medical Center  
Dept of Urology

956 Court Ave Rm H216  
Memphis, TN 38163

901 528-5868

*Length:* 4 Year(s) *Total Positions:* 20 (GYI: 3)  
*Subspecialties:* UP  
*Program ID:* 480-47-21-141

**Nashville****Vanderbilt University Program**

Vanderbilt University Medical Center  
Baptist Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

Fred K Kirchner Jr, MD  
Vanderbilt University Medical Center-N

Dept of Urology (D4314)  
21st & Garland Aves

Nashville, TN 37232-2765  
615 322-2142

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 0)  
*Program ID:* 480-47-21-142

**Texas****Dallas****University of Texas Southwestern Medical School Program\***

University of Texas Southwestern Medical School  
Baylor University Medical Center  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital  
Veterans Affairs Medical Center (Dallas)

*Program Director:*

John D McConnell, MD  
University of Texas Southwestern Medical School

5323 Harry Hines Blvd  
Dallas, TX 75235-9110

214 648-3546

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Program ID:* 480-48-21-143

**Galveston****University of Texas Medical Branch Hospitals Program**

University of Texas Medical Branch Hospitals

*Program Director:*

Michael M Warren, MD  
Div of Urology 6.310 Old John Sealy Hospital

University of Texas Medical Branch  
Galveston, TX 77555-0540

409 772-2091

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 0)

*Program ID:* 480-48-11-144

**Houston****Baylor College of Medicine Program**

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital  
Methodist Hospital  
St Luke's Episcopal Hospital  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Peter T Scardino, MD  
Baylor College of Medicine

Dept of Urology  
6560 Fannin Ste 1035

Houston, TX 77030  
713 798-6153

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)  
*Subspecialties:* UP

*Program ID:* 480-48-21-145

**University of Texas at Houston Program**

University of Texas Medical School at Houston  
Hermann Hospital  
Lyndon B Johnson General Hospital  
St Joseph Hospital  
University of Texas M D Anderson Cancer Center

*Program Director:*

Edward J McGuire, MD  
University of Texas Medical School at Houston

6431 Fannin Ste 6018  
Houston, TX 77030

713 792-5640

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 0)

*Program ID:* 480-48-21-146

**Lackland AFB****Joint Military Medical Centers-San Antonio Program\***

Wilford Hall USAF Medical Center (SG)  
Brooke Army Medical Center

*Program Director:*

Maj Samuel Jay Peretsman, MD  
Wilford Hall Medical Center/PSSU

2200 Bergquist Dr Ste 1  
Lackland AFB

San Antonio, TX 78236-5300  
210 670-7558

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 0)

*Program ID:* 480-48-21-170

**San Antonio****University of Texas Health Science Center at San Antonio Program**

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)

San Antonio Regional Hospital  
Santa Rosa Health Care Corporation  
University Hospital-South Texas Medical Center

*Program Director:*

Michael F Sarosdy, MD  
University of Texas Health Science Center

Div of Urology  
7703 Floyd Curl Dr

San Antonio, TX 78284-7845  
210 567-5640

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 0)

*Program ID:* 480-48-21-147

\* Updated information not provided.

## Temple

### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital  
Olin E Teague Veterans Center

*Program Director:*

Richard C Klugo, MD  
Texas A&M-Scott and White  
Graduate Med Educ  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463  
Length: 4 Year(s) Total Positions: 6 (GYI: 1)  
Program ID: 480-48-21-148

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
LDS Hospital  
Primary Children's Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Richard G Middleton, MD  
University of Utah Medical Center  
Urology Div  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-4703  
Length: 3 Year(s) Total Positions: 8 (GYI: 2)  
Program ID: 480-49-21-149

## Vermont

### Burlington

#### Medical Center Hospital of Vermont Program

Medical Center Hospital of Vermont  
Fanny Allen Hospital

*Program Director:*

Samuel J Trotter, MD  
Urology Associates Inc  
371 Pearl St  
Burlington, VT 05401  
802 863-2884  
Length: 3 Year(s) Total Positions: 3 (GYI: 0)  
Program ID: 480-50-21-150

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center  
Veterans Affairs Medical Center (Salem)

*Program Director:*

Jay Y Gillenwater, MD  
University of Virginia School of Medicine  
Dept of Urology Box 422  
Charlottesville, VA 22908  
804 924-2224  
Length: 3 Year(s) Total Positions: 14 (GYI: 6)  
Program ID: 480-51-21-151

## Norfolk

### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
Children's Hospital of the King's Daughters  
Sentara Leigh Hospital  
Sentara Norfolk General Hospital

*Program Director:*

Paul F Schellhammer, MD  
Eastern Virginia Graduate School of Medicine  
Dept of Urology  
600 Gresham Dr Ste 203  
Norfolk, VA 23507  
804 668-3571  
Length: 3 Year(s) Total Positions: 4 (GYI: 0)  
Program ID: 480-51-21-153

## Portsmouth

### Naval Medical Center (Portsmouth) Program

Naval Medical Center (Portsmouth)  
Veterans Affairs Medical Center (Hampton)

*Program Director:*

James R Auman, MD  
Dept of Urology  
Naval Medical Center  
Portsmouth, VA 23708-5000  
804 398-5235  
Length: 3 Year(s) Total Positions: 8 (GYI: 0)  
Program ID: 480-51-31-011

## Richmond

### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth  
University  
Hunter Holmes McGuire VA Medical Center (Richmond)  
Medical College of Virginia Hospitals

*Program Director:*

C M Kinloch Nelson, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980118  
Richmond, VA 23298-0118  
804 828-5318  
Length: 3 Year(s) Total Positions: 10 (GYI: 2)  
Program ID: 480-51-21-154

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine  
Children's Hospital and Medical Center  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)  
Virginia Mason Medical Center

*Program Director:*

Michael E Mayo, MD  
University of Washington  
Dept of Urology RL-10  
1959 NE Pacific St  
Seattle, WA 98195  
206 543-4886  
Length: 4 Year(s) Total Positions: 12 (GYI: 2)  
Program ID: 480-54-21-155

## Tacoma

### Madigan Army Medical Center Program

Madigan Army Medical Center

*Program Director:*

Col John N Wettlaufer, MD  
Commander  
Madigan Army Medical Center  
Attn: HSHJ-SU  
Tacoma, WA 98431-5000  
206 968-2300  
Length: 3 Year(s) Total Positions: 4 (GYI: 0)  
Program ID: 480-54-11-007

## West Virginia

### Morgantown

#### West Virginia University Program\*

West Virginia University Hospitals  
Louis A Johnson Veterans Affairs Medical Center  
Ohio Valley Medical Center

*Program Director:*

Stanley J Kandzari, MD  
Robert C Byrd Health Sciences Center of West Virginia  
Univ  
Dept of Urology  
PO Box 9251  
Morgantown, WV 26506-9251  
304 293-2706  
Length: 4 Year(s) Total Positions: 8 (GYI: 0)  
Program ID: 480-55-21-157

## Wisconsin

### Madison

#### University of Wisconsin Program

University of Wisconsin Hospital and Clinics  
Meriter Hospital  
St Marys Hospital Medical Center  
William S Middleton Veterans Hospital

*Program Director:*

David T Uehling, MD  
University of Wisconsin Hospital and Clinics  
600 Highland Ave Rm G5/339  
Madison, WI 53792  
608 263-1358  
Length: 3 Year(s) Total Positions: 10 (GYI: 2)  
Program ID: 480-56-21-158

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc  
Children's Hospital of Wisconsin  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyno Hospital

*Program Director:*

Russell K Lawson, MD  
Froedtert Memorial Lutheran Hospital  
9200 W Wisconsin Ave  
Milwaukee, WI 53226  
414 259-2795  
Length: 3 Year(s) Total Positions: 10 (GYI: 2)  
Program ID: 480-56-21-159

\* Updated information not provided.

# Vascular and Interventional Radiology (Radiology-Diagnostic)

## Alabama

### Birmingham

#### University of Alabama Medical Center Program

University of Alabama Hospital  
Veterans Affairs Medical Center (Birmingham)

*Program Director:*

Souheil Saddekni, MD  
University of Alabama Medical Center  
619 S 19th St Rm N392  
Birmingham, AL 35233  
205 975-4850

*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 2)  
**Program ID:** 427-01-21-054

## Arkansas

### Little Rock

#### University of Arkansas for Medical Sciences Program\*

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

David R McFarland, MD  
Dept of Radiology Slot #556  
4301 W Markham St  
Little Rock, AR 72205  
501 686-6901

*Length:* 1 Year(s)  
**Program ID:** 427-04-21-007

## California

### Loma Lin Ja

#### Loma Linda University Program

Loma Linda University Medical Center

*Program Director:*

Douglas C Smith, MD  
Loma Linda University Medical Center  
Dept of Radiology RM 2605  
11234 Anderson St  
Loma Linda, CA 92354  
909 824-4370

*Length:* 1 Year(s)  
**Program ID:** 427-05-21-028

## Los Angeles

#### University of Southern California Program

Los Angeles County-USC Medical Center  
Kenneth Norris Jr Cancer Hospital and Research  
Institute  
USC University Hospital

*Program Director:*

Michael D Katz, MD  
USC University Hospital  
1500 San Pablo St  
Los Angeles, CA 90033-9999  
213 342-8536

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 427-05-21-013

## San Francisco

#### University of California (San Francisco) Program\*

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Roy L Gordon, MD  
Dept of Radiology Rm M-361 Box 0628  
505 Parnassus Ave  
San Francisco, CA 94143  
415 476-3131

*Length:* 1 Year(s)  
**Program ID:** 427-05-21-009

## Colorado

### Denver

#### University of Colorado Program\*

University of Colorado Health Sciences Center

*Program Director:*

David A Kumpe, MD  
Dept of Radiology AD30  
4200 E Ninth Ave  
Denver, CO 80262-0030  
303 270-8198

*Length:* 1 Year(s)  
**Program ID:** 427-07-21-049

## Connecticut

### New Haven

#### Yale-New Haven Medical Center Program

Yale-New Haven Hospital  
Veterans Affairs Medical Center (West Haven)

*Program Director:*

Jeffrey S Pollak, MD  
Dept of Vascular/Interventional Radiology  
Yale-New Haven Hospital  
20 York St  
New Haven, CT 06504  
203 785-4746

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 427-08-21-032

## Florida

### Gainesville

#### University of Florida Program\*

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

Irvin F Hawkins Jr, MD  
Dept of Radiology  
Box 100374 JHMHC  
Gainesville, FL 32610-0374  
904 395-0291

*Length:* 1 Year(s)  
**Program ID:** 427-11-21-033

## Miami

#### University of Miami Program\*

Baptist Hospital of Miami  
University of Miami-Jackson Memorial Medical Center

*Program Director:*

Gary J Becker, MD  
Baptist Hosp of Miami  
Dept of Vasc/Intervent Radiology  
8900 N Kendall Dr  
Miami, FL 33176  
305 598-5990

*Length:* 1 Year(s)  
**Program ID:** 427-11-21-025

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center

*Program Director:*

Jose M Yrizarry, MD  
Jackson Memorial Medical Center  
Radiology (R109)  
PO Box 016960  
Miami, FL 33101  
305 585-6894

*Length:* 1 Year(s) *Total Positions:* 3 (GYI: 3)  
**Program ID:** 427-11-31-028

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Grady Memorial Hospital

*Program Director:*

Stephen L Kaufman, MD  
Emory University Hospital  
Dept of Vascular/Interventional Rad  
1364 Clifton Rd NE  
Atlanta, GA 30322  
404 727-7033

*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID:** 427-12-21-022

Programs

\* Updated information not provided.

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

Robert L Vogelzang, MD  
Radiology Olson Pavilion  
710 N Fairbanks Ct  
Chicago, IL 60611  
312 908-5112

*Length:* 1 Year(s) *Total Positions:* 3 (*GYI:* 3)  
*Program ID:* 427-16-21-034

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Terence A S Matalon, MD  
Rush-Presbyterian-St Luke's Medical Center  
1653 W Congress Pkwy  
Chicago, IL 60612  
312 942-5781

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 427-16-21-023

## Indiana

### Indianapolis

#### Indiana University Medical Center Program

Indiana University Medical Center

*Program Director:*

Veronica J Harris, MD  
Dept of Radiology UH 0279  
Indiana University Hospitals  
550 N University Blvd  
Indianapolis, IN 46202-5253  
317 274-1840

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 427-17-21-010

#### Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Karen Ehrman, MD  
Methodist Hospital of Indiana  
Dept of Radiology  
I-65 at 21st St PO Box 1367  
Indianapolis, IN 46206-1367  
317 929-8876

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 427-17-21-037

## Maryland

### Baltimore

#### Johns Hopkins University Program

Johns Hopkins University School of Medicine  
Johns Hopkins Hospital

*Program Director:*

Floyd A Osterman, MD  
Scott J Savader, MD  
The Johns Hopkins Hospital  
600 N Wolfe St  
Blalock 545  
Baltimore, MD 21287-2191  
410 955-5687

*Length:* 1 Year(s) *Total Positions:* 8  
*Program ID:* 427-23-21-011

#### University of Maryland Program\*

University of Maryland Medical System  
Veterans Affairs Medical Center (Baltimore)

*Program Director:*

S Osher Pais, MD  
University of Maryland Medical System  
22 S Greene St  
Baltimore, MD 21201  
410 328-3142

*Length:* 1 Year(s)  
*Program ID:* 427-23-21-053

## Massachusetts

### Boston

#### Beth Israel Hospital/Harvard Medical School Program

Beth Israel Hospital

*Program Director:*

Ducksoo Kim, MD  
Div of Radiology  
Beth Israel Hospital  
330 Brookline Ave  
Boston, MA 02215  
617 735-2101

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 427-24-11-046

#### Boston University Program

Boston City Hospital

*Program Director:*

E Kent Yucel, MD  
Dept of Radiology  
Boston University Medical Center  
88 E Newton St  
Boston, MA 02118-2393  
617 638-6625

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 427-24-21-050

#### Brigham and Women's Hospital/Harvard Medical School Program\*

Brigham and Women's Hospital

*Program Director:*

Krishna Kandarpa, MD  
Michael F Meyerovitz, MD  
Dept of Radiology  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-7251

*Length:* 1 Year(s)  
*Program ID:* 427-24-21-005

#### New England Deaconess Hospital/Harvard Medical School Program\*

New England Deaconess Hospital  
Dana-Farber Cancer Institute

*Program Director:*

Kenneth Stokes, MD  
New England Deaconess Hospital  
Dept of Vascular/Intervent Radiol  
185 Pilgrim Rd  
Boston, MA 02215  
617 732-8460

*Length:* 1 Year(s)  
*Program ID:* 427-24-31-042

## Worcester

#### University of Massachusetts Medical Center Program\*

University of Massachusetts Medical Center

*Program Director:*

David A Phillips, MD  
University of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-1512

*Length:* 1 Year(s)  
*Program ID:* 427-24-31-052

## Michigan

### Ann Arbor

#### University of Michigan Program

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Kyung J Cho, MD  
University of Michigan Hospital  
Dept of Radiology B1-D530  
Ann Arbor, MI 48109-0030  
313 936-4481

*Length:* 1 Year(s) *Total Positions:* 3  
*Program ID:* 427-25-21-035

## Minnesota

### Minneapolis

#### University of Minnesota Program\*

University of Minnesota Medical School  
Hennepin County Medical Center  
University of Minnesota Hospital and Clinic  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

David W Hunter, MD  
Dept of Radiology Box 292 UMHC  
Univ of Minnesota Hosp and Clinics  
420 Delaware St NE  
Minneapolis, MN 55455

*Length:* 1 Year(s)  
*Program ID:* 427-26-21-008

\* Updated information not provided.

**Missouri****St Louis****Washington University Program**

Washington University School of Medicine  
Barnes Hospital  
Mallinckrodt Institute of Radiology  
St Louis Children's Hospital

*Program Director:*  
Daniel Picus, MD  
Mallinckrodt Institute of Radiology  
510 S Kingshighway Blvd  
St Louis, MO 63110  
314 362-2900

*Length:* 1 Year(s) *Total Positions:* 5  
*Program ID:* 427-28-21-001

**Nebraska****Omaha****University of Nebraska Program**

University of Nebraska Medical Center

*Program Director:*  
Timothy C McCowan, MD  
Dept of Radiology  
University of Nebraska Med Center  
600 S 42nd St  
Omaha, NE 68198-1045  
402 559-6990

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 427-30-21-014

**New York****Bronx****Albert Einstein College of Medicine Program\***

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*  
Seymour Sprayregen, MD  
Curtis W Bakal, MD  
Albert Einstein College of Medicine (W Campus)  
Dept of Radiology  
111 E 210th St  
Bronx, NY 10467  
718 920-4200

*Length:* 1 Year(s)  
*Program ID:* 427-35-32-027

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Long Island Jewish Medical Center

*Program Director:*  
Won J Lee, MD  
George Pillapi, MD  
Long Island Jewish Medical Center  
Dept of Radiology  
270-05 76th Ave  
New Hyde Park, NY 11040  
718 470-7175

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 427-35-31-024

**New York****Mount Sinai School of Medicine Program\***

Mount Sinai School of Medicine

*Program Director:*  
Harold A Mitty, MD  
Dept of Radiology  
Mount Sinai Hospital  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-7417

*Length:* 1 Year(s)  
*Program ID:* 427-35-21-048

**New York Hospital/Cornell Medical Center Program**

New York Hospital  
Memorial Sloan-Kettering Cancer Center

*Program Director:*  
Thomas A Sos, MD  
The New York Hospital-Cornell Center Rm L-515  
525 E 68th St  
New York, NY 10021  
212 746-2600

*Length:* 1 Year(s) *Total Positions:* 4 (GYI: 0)  
*Program ID:* 427-35-21-039

**Presbyterian Hospital in the City of New York Program\***

Presbyterian Hospital in the City of New York

*Program Director:*  
Eric C Martin, MD  
Columbia-Presbyterian Medical Center PH3W  
Vascular/Interventional Radiology  
622 W 168th St  
New York, NY 10032  
212 305-8070

*Length:* 1 Year(s)  
*Program ID:* 427-35-21-021

**Rochester****University of Rochester Program\***

Strong Memorial Hospital of the University of Rochester

*Program Director:*  
Oscar H Gutierrez, MD  
601 Elmwood Ave  
Rochester, NY 14642-8648  
716 275-4002

*Length:* 1 Year(s)  
*Program ID:* 427-35-21-051

**North Carolina****Chapel Hill****University of North Carolina Hospitals Program**

University of North Carolina Hospitals

*Program Director:*  
Paul F Jaques, MD  
Vascular/Interventional Radiology Section  
Radiology #CB 7510  
U of NC Schl of Med  
Chapel Hill, NC 27599-7510  
919 966-4397

*Length:* 1 Year(s)  
*Program ID:* 427-36-21-030

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital

*Program Director:*  
William Douglas Routh, MD  
Bowman Gray School of Medicine  
Medical Center Blvd  
Winston-Salem, NC 27157-1088  
919 716-4435

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 427-36-21-015

**Ohio****Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland

*Program Director:*  
Peter B Sachs, MD  
Dept of Radiology  
University Hospitals of Cleveland  
11100 Euclid Ave  
Cleveland, OH 44106-5000  
216 844-3113

*Length:* 1 Year(s) *Total Positions:* 1  
*Program ID:* 427-38-21-012

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation

*Program Director:*  
Michael A Geisinger, MD  
Cleveland Clinic Foundation  
9500 Euclid Ave HB6  
Cleveland, OH 44195  
216 444-6654

*Length:* 1 Year(s) *Total Positions:* 2  
*Program ID:* 427-38-21-002

**Oklahoma****Oklahoma City****University of Oklahoma Health Sciences Center Program**

University of Oklahoma College of Medicine-Oklahoma City

Children's Hospital of Oklahoma  
University Hospital and Clinics  
Veterans Affairs Medical Center (Oklahoma City)

*Program Director:*  
Tim Tytte, MD  
Dept of Radiological Sciences  
PO Box 26901  
Oklahoma City, OK 73190-3020  
405 271-5125

*Length:* 1 Year(s) *Total Positions:* 1 (GYI: 1)  
*Program ID:* 427-39-21-036

\* Updated information not provided.

## Pennsylvania

### Hershey

**Milton S Hershey Medical Center of Pennsylvania State University Program\***  
Penn State University Hospital-Milton S Hershey Med Ctr  
*Program Director:*  
John F Cardella, MD  
Milton S Hershey Medical Center  
PO Box 850  
Hershey, PA 17033  
717 531-5415  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID: 427-41-21-004**

### Philadelphia

**Thomas Jefferson University Program\***  
Thomas Jefferson University Hospital  
*Program Director:*  
Geoffrey A Gardiner Jr, MD  
Thomas Jefferson University Hospital  
111 S 11th St Ste 5390 Gibbon  
Philadelphia, PA 19107  
215 955-5162  
*Length:* 1 Year(s)  
**Program ID: 427-41-21-040**

### University of Pennsylvania Program

Hospital of the University of Pennsylvania  
Veterans Affairs Medical Center (Philadelphia)  
*Program Director:*  
Michael J Pentecost, MD  
University of Pennsylvania Medical Center  
Dept of Radiology  
3400 Spruce St  
Philadelphia, PA 19104  
215 662-3032  
*Length:* 1 Year(s) *Total Positions:* 4  
**Program ID: 427-41-21-016**

### Pittsburgh

**Western Pennsylvania Hospital Program**  
Western Pennsylvania Hospital  
*Program Director:*  
Gordon K McLean, MD  
Western Pennsylvania Hospital  
Dept of Radiology  
4800 Friendship Ave  
Pittsburgh, PA 15224  
412 578-1787  
*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 0)  
**Program ID: 427-41-31-044**

## South Carolina

### Charleston

**Medical University of South Carolina Program\***  
Medical University of South Carolina College of Medicine  
MUSC Medical Center  
*Program Director:*  
Ivan Vujic, MD  
Medical University of South Carolina  
171 Ashley Ave  
Charleston, SC 29425-9737  
803 792-5387  
*Length:* 1 Year(s)  
**Program ID: 427-45-21-056**

## Tennessee

### Memphis

**University of Tennessee Program**  
University of Tennessee College of Medicine  
Regional Medical Center at Memphis  
University of Tennessee Medical Center  
*Program Director:*  
Morris L Gavant, MD  
Robert E Gold, MD  
Univ of Tennessee Memphis  
Dept of Radiology  
800 Madison Ave Rm F150C Chandler  
Memphis, TN 38163  
901 448-8248  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID: 427-47-21-019**

## Texas

### Dallas

**Baylor University Medical Center Program**  
Baylor University Medical Center  
*Program Director:*  
Frank Rivera, MD  
Dept of Vascular/Interventional Radiology  
3500 Gaston Ave  
Dallas, TX 75246  
214 820-3206  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID: 427-48-21-043**

### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital  
Zale-Lipsby University Hospital  
*Program Director:*  
George L Miller III, MD  
Dept of Radiology  
University of Texas Southwestern  
5323 Harry Hines Blvd  
Dallas, TX 75235-8896  
214 648-8012  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID: 427-48-21-003**

### Lackland AFB

**Wilford Hall USAF Medical Center Program**  
Wilford Hall USAF Medical Center (SG)  
*Program Director:*  
John R Leyendecker, MD  
Wilford Hall Medical Center  
WHMC/PSRD  
2200 Bergquist Dr Ste 1  
Lackland AFB, TX 78236-5300  
210 670-5265  
*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID: 427-48-31-006**

## San Antonio

### University of Texas Health Science Center at San Antonio Program

University of Texas Medical School at San Antonio  
Audie L Murphy Memorial Veterans Hospital (San Antonio)  
University Hospital-South Texas Medical Center  
*Program Director:*  
Julio C Palmaz, MD  
The University of Texas Health Science Center  
Radiology-Vascular & Interventional  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7800  
210 567-5564  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID: 427-48-21-031**

## Utah

### Salt Lake City

**University of Utah Program**  
University of Utah Medical Center  
Veterans Affairs Medical Center (Salt Lake City)  
*Program Director:*  
Franklin J Miller Jr, MD  
University of Utah School of Medicine  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7553  
*Length:* 1 Year(s) *Total Positions:* 2 (GYI: 2)  
**Program ID: 427-49-21-045**

## Virginia

### Alexandria

**George Washington University Program**  
Alexandria Hospital  
*Program Director:*  
Arina van Breda, MD  
Alexandria Hospital  
4320 Seminary Rd  
Alexandria, VA 22304  
703 504-3102  
*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID: 427-51-21-020**

## Washington

### Seattle

**University of Washington Program**  
University of Washington School of Medicine  
Harborview Medical Center  
University of Washington Medical Center  
Veterans Affairs Medical Center (Seattle)  
*Program Director:*  
Douglas M Coldwell, MD  
Dept of Radiology SB-05  
University of Washington  
1959 NE Pacific St.  
Seattle, WA 98195  
206 543-3035  
*Length:* 1 Year(s)  
**Program ID: 427-54-21-047**

**Wisconsin****Madison****University of Wisconsin Program**

University of Wisconsin Hospital and Clinics  
William S Middleton Veterans Hospital

*Program Director:*

Myron M Wojtowycz, MD  
University of Wisconsin Hospitals and Clinics  
600 Highland Ave  
Madison, WI 53792-3252  
608 263-8328

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 427-56-21-017

**Milwaukee****Medical College of Wisconsin Program**

Medical College of Wisconsin Affiliated Hospitals Inc  
Clement J Zablocki Veterans Affairs Medical Center  
Froedtert Memorial Lutheran Hospital  
John L Doyne Hospital

*Program Director:*

Mark W Mewissen, MD  
Doyne Clinic  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 259-3125

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 427-56-31-018

**Vascular Surgery  
(Surgery-General)****Arizona****Tucson****University of Arizona Program**

University of Arizona College of Medicine  
University Medical Center

*Program Director:*

Joseph L Mills, MD  
University of Arizona Health Sciences Center  
Section of Vascular Surgery  
1501 N Campbell Ave Rm 5406  
Tucson, AZ 85724  
602 626-6670

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-03-21-032

**Arkansas****Little Rock****University of Arkansas for Medical  
Sciences Program**

University of Arkansas College of Medicine  
John L McClellan Memorial Veterans Hospital  
University Hospital of Arkansas

*Program Director:*

John F Eldt, MD  
University of Arkansas for Medical Sciences  
4301 W Markham St Slot #520  
Little Rock, AR 72205  
501 686-6645

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-04-21-055

**California****Loma Linda****Loma Linda University Program**

Loma Linda University Medical Center

*Program Director:*

T J Bunt, MD  
Loma Linda University Medical Center  
11234 Anderson Rm 2573  
Loma Linda, CA 92354  
909 824-4335

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-05-21-010

**Los Angeles****UCLA Medical Center Program\***

UCLA School of Medicine  
UCLA Medical Center

*Program Director:*

Wesley S Moore, MD  
UCLA Ctr for the Hlth Sci  
UCLA School of Medicine  
Dept of Surgery  
Los Angeles, CA 90024-1749  
213 825-9641

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-05-21-011

**San Francisco****University of California (San Francisco)  
Program**

University of California (San Francisco) School of  
Medicine  
University of California (San Francisco) Medical Center

*Program Director:*

Jerry Goldstone, MD  
Box 0222 M-488  
Univ of California (San Francisco)  
505 Parnassus Ave  
San Francisco, CA 94143-0222  
415 476-2381

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-05-21-033

**Stanford****Stanford University Program**

Stanford University Hospital

*Program Director:*

Christopher K Zarins, MD  
Stanford University Medical Center  
Div of Vascular Surgery  
300 Pasteur Dr H3600  
Stanford, CA 94305-5450  
415 725-7830

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-05-21-021

**Torrance****Los Angeles County-Harbor-UCLA  
Medical Center Program**

Los Angeles County-Harbor-UCLA Medical Center  
St Mary Medical Center

*Program Director:*

Rodney A White, MD  
Harbor-UCLA Medical Center  
Box 11  
1000 W Carson St  
Torrance, CA 90509  
310 222-2704

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-05-21-067

**Connecticut****Farmington****University of Connecticut Program**

University of Connecticut School of Medicine  
Hartford Hospital  
Univ of Connecticut Health Center/John Dempsey  
Hospital

*Program Director:*

David A Drezner, MD PhD  
Hartford Hospital  
Dept of Surgery  
PO Box 5037  
Hartford, CT 06102-5037  
203 524-2840

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-08-21-070

\* Updated information not provided.



## District of Columbia

### Washington

#### Walter Reed Army Medical Center Program\*

Walter Reed Army Medical Center

*Program Director:*

Ltc Edward R Gomez, MD  
Dept of Vascular Surgery Serv  
Walter Reed Army Medical Center  
6825 16th St NW  
Washington, DC 20307-5001  
202 576-2357

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-10-11-022

## Florida

### Gainesville

#### University of Florida Program

University of Florida College of Medicine  
Shands Hospital at the University of Florida  
Veterans Affairs Medical Center (Gainesville)

*Program Director:*

James M Seeger, MD  
University of Florida  
Dept of Surgery  
Box 100286  
Gainesville, FL 32610-0286  
904 395-0630

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-11-21-044

### Tampa

#### University of South Florida Program

University of South Florida College of Medicine  
Tampa General Healthcare

*Program Director:*

Dennis Bandyk, MD  
University of South Florida College of Medicine  
Harbourside Med Tower #730  
4 Columbia Dr  
Tampa, FL 33606  
813 259-0921

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-11-21-031

## Georgia

### Atlanta

#### Emory University Program

Emory University School of Medicine  
Emory University Hospital  
Henrietta Eggleston Hospital for Children

*Program Director:*

Robert B Smith, MD  
Emory University Hospital  
Div of Vascular Surgery  
1364 Clifton Rd NE  
Atlanta, GA 30322  
404 727-8145

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-12-21-012

## Illinois

### Chicago

#### McGaw Medical Center of Northwestern University Program

Northwestern University Medical School  
Northwestern Memorial Hospital  
Veterans Affairs Lakeside Medical Center (Chicago)

*Program Director:*

James S T Yao, MD  
Northwestern University Medical School  
251 E Chicago  
Ste 628  
Chicago, IL 60611  
312 908-2714

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-16-21-001

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Hassan Najafi, MD  
Rush-Presbyterian-St Lukes's Medical Center  
1653 W Congress Pkwy 714 Jelke  
Chicago, IL 60612-3864  
312 942-6373

*Total Positions:* 1  
**Program ID:** 450-16-21-057

#### University of Chicago Program

University of Chicago Hospitals

*Program Director:*

Bruce L Gewertz, MD  
University of Chicago Medical Center  
5841 S Maryland Ave MC5028  
Chicago, IL 60637-1470  
312 702-6390

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-16-11-023

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago  
Edward J Hines Jr Veterans Affairs Hospital

*Program Director:*

William H Baker, MD  
Foster G McGaw Hospital  
2160 S First Ave  
Maywood, IL 60153  
708 216-9187

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-16-21-002

### Springfield

#### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

David S Sumner, MD  
Southern Illinois University School of Medicine  
Memorial Medical Center  
800 N Rutledge St 3rd Fl  
Springfield, IL 62781  
217 782-7804

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-16-21-034

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics

*Program Director:*

John D Corson, MB ChB  
Dept of Surgery 1537 JCP  
University of Iowa Hospitals  
200 Hawkins Dr  
Iowa City, IA 52242-1086  
319 356-1639

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-18-21-048

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

James H Thomas, MD  
University of Kansas College of Health Sciences and Hospital  
3901 Rainbow Blvd  
Kansas City, KS 66160-7885  
913 588-6115

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-19-21-060

## Kentucky

### Lexington

#### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Gordon L Hyde, MD  
University Kentucky Medical Center  
Div of General Surgery  
Lexington, KY 40536-0084  
606 323-6840

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-20-21-062

## Louisiana

### New Orleans

#### Alton Ochsner Medical Foundation Program

Alton Ochsner Medical Foundation

*Program Director:*

John C Bowen, MD  
Alton Ochsner Med Fnd  
Dept of Graduate Med Educ  
1516 Jefferson Hwy  
New Orleans, LA 70121  
504 842-4072

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-21-22-024

\* Updated information not provided.

**Louisiana State University Program**

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus  
Veterans Affairs Medical Center-LSU Service (New Orleans)

*Program Director:*

Claude C Craighead Jr, MD  
Louisiana State University Medical Center  
1542 Tulane Ave  
New Orleans, LA 70112  
504 568-4750

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-21-21-058

**Massachusetts****Boston****Boston University Program**

Boston University Medical Center-University Hospital

*Program Director:*

James O Menzoian, MD  
Boston University Medical Center Hospital  
88 E Newton St D-506  
Boston, MA 02118  
617 638-8441

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-24-21-026

**Brigham and Women's Hospital Program**

Brigham and Women's Hospital

*Program Director:*

Anthony D Whittemore, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115  
617 732-6816

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-24-21-003

**Massachusetts General Hospital Program**

Massachusetts General Hospital

*Program Director:*

William M Abbott, MD  
Massachusetts General Hospital  
15 Parkman St WAC 458  
Boston, MA 02114  
617 726-8250

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-24-21-004

**New England Deaconess Hospital/Harvard Medical School Program**

New England Deaconess Hospital  
Mount Auburn Hospital

*Program Director:*

Frank W LoGerfo, MD  
Harvard Surgical Service Deaconess Hospital  
110 Francis St  
Boston, MA 02215  
617 632-9855

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-24-21-040

**New England Medical Center Hospitals Program**

New England Medical Center Hospitals

*Program Director:*

Thomas O'Donnell Jr, MD  
Box 259  
New England Medical Center  
750 Washington St  
Boston, MA 02111  
617 956-5660

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-24-21-005

**Worcester****University of Massachusetts Medical Center Program\***

University of Massachusetts Medical Center

*Program Director:*

Bruce S Cutler, MD  
Univ of Massachusetts Medical Center  
55 Lake Ave N  
Worcester, MA 01655  
508 856-2219

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-24-21-013

**Michigan****Ann Arbor****University of Michigan Program**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

James C Stanley, MD  
University of Michigan Hospitals  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0329  
313 936-5786

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-25-21-035

**Detroit****Henry Ford Hospital Program**

Henry Ford Hospital

*Program Director:*

Calvin B Ernst, MD  
Dept of Surgery-Vascular  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-1777

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-25-12-014

**Wayne State University/Detroit Medical Center Program**

Wayne State University School of Medicine  
Harper Hospital

*Program Director:*

Ramon Berguer, MD PhD  
Wayne State University Div of Vascular Surgery  
Harper Hospital  
3990 John R  
Detroit, MI 48201  
313 745-8637

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-25-21-066

**Minnesota****Rochester****Mayo Graduate School of Medicine Program**

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

John W Hallett Jr, MD  
MGSM Application Processing Center  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-8462

*Length:* 1 Year(s) *Total Positions:* 3  
**Program ID:** 450-26-21-042

**Missouri****Columbia****University of Missouri-Columbia Program\***

University of Missouri-Columbia School of Medicine  
University and Children's Hospital

*Program Director:*

Donald Silver, MD  
University of Missouri-Columbia  
M580 Univ Med Ctr  
Columbia, MO 65212  
314 882-8178

*Length:* 1 Year(s)  
**Program ID:** 450-28-21-049

**St Louis****St Louis University Group of Hospitals Program**

St Louis University School of Medicine  
St John's Mercy Medical Center  
St Louis University Hospital

*Program Director:*

Gary J Peterson, MD  
St Louis University School of Medicine  
3635 Vista Ave at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
314 577-8310

*Length:* 1 Year(s) *Total Positions:* 1  
**Program ID:** 450-28-21-027

**Washington University Program**

Barnes Hospital

*Program Director:*

Gregorio A Sicard, MD  
Vascular Surgery Ste 5103  
One Barnes Hosp Plaza  
St Louis, MO 63110  
314 362-7841

*Length:* 1 Year(s) *Total Positions:* 2  
**Program ID:** 450-28-21-050

\* Updated information not provided.

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*  
Jack L Cronenwett, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756-001  
603 660-8190  
Length: 1 Year(s) Total Positions: 2  
Program ID: 450-32-21-059

## New Jersey

### Newark

#### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Dept of Veterans Affairs Medical Center (East Orange)  
St Michael's Medical Center (Cathedral Health Services Inc)

UMDNJ-University Hospital  
*Program Director:*  
Robert W Hobson II, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave G-532  
Newark, NJ 07103-2757  
201 982-6633  
Length: 1 Year(s) Total Positions: 2  
Program ID: 450-33-21-036

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

UMDNJ-Robert Wood Johnson Medical School  
Robert Wood Johnson University Hospital

*Program Director:*  
Alan M Graham, MD  
UMDNJ-Robert Wood Johnson Medical Center  
One Robert Wood Johnson Pl CN-19  
New Brunswick, NJ 08903-0019  
908 235-7816  
Length: 1 Year(s) Total Positions: 2  
Program ID: 450-33-21-037

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital  
*Program Director:*  
Dhiraj M Shah, MD  
Albany Medical Center Hospital A-61  
Dept of Surgery-Vascular  
43 New Scotland Ave  
Albany, NY 12208-3578  
518 262-5905  
Length: 1 Year(s) Total Positions: 2  
Program ID: 450-35-21-061

### Bronx

#### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Montefiore Medical Center-Henry and Lucy Moses  
Division

*Program Director:*  
Frank J Veith, MD  
Montefiore Medical Center Albert Einstein Coll of Med  
111 E 210th St  
Bronx, NY 10467  
718 920-4108  
Length: 1 Year(s) Total Positions: 1  
Program ID: 450-35-21-015

### Brooklyn

#### Maimonides Medical Center Program

Maimonides Medical Center

*Program Director:*  
Enrico Ascer, MD  
Maimonides Medical Center  
Div of Vascular Surgery  
4802 Tenth Ave  
Brooklyn, NY 11219  
718 283-7957  
Length: 1 Year(s) Total Positions: 1  
Program ID: 450-35-21-076

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

SUNY at Buffalo Grad Medical-Dental Education Consortium  
Buffalo General Hospital  
Millard Fillmore Hospitals  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*  
John J Ricotta, MD  
Dept of Surgery  
Millard Fillmore Hospitals  
3 Gates Circle  
Buffalo, NY 14209  
716 887-5110  
Length: 1 Year(s) Total Positions: 2  
Program ID: 450-35-21-069

### New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center

*Program Director:*  
Jon R Cohen, MD  
Long Island Jewish Medical Center  
Dept of Surgery  
New Hyde Park, NY 11042  
718 470-7377  
Length: 1 Year(s) Total Positions: 1  
Program ID: 450-35-21-064

### New York

#### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Mount Sinai Medical Center

*Program Director:*  
Julius H Jacobson II, MD  
Mount Sinai School of Medicine  
One Gustave L Levy Pl  
Box 1273  
New York, NY 10029  
212 860-1007  
Length: 1 Year(s) Total Positions: 1  
Program ID: 450-35-21-038

#### New York University Medical Center Program

New York University Medical Center  
Bellevue Hospital Center

*Program Director:*  
Thomas S Riles, MD  
New York University Medical Center  
550 First Ave  
New York, NY 10016  
212 263-7312  
Length: 1 Year(s) Total Positions: 1  
Program ID: 450-35-21-045

### Rochester

#### University of Rochester Program

Strong Memorial Hospital of the University of Rochester  
Rochester General Hospital

*Program Director:*  
Richard M Green, MD  
Vascular Surgery  
Univ of Rochester Medical Center  
601 Elmwood Ave  
Rochester, NY 14642-8410  
716 275-6772  
Length: 1 Year(s) Total Positions: 1  
Program ID: 450-35-21-006

### Stony Brook

#### SUNY at Stony Brook Program

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*  
Fabio Giron, MD  
SUNY at Stony Brook Div of Vascular Surgery  
Hlth Sci Ctr T19  
SUNY at Stony Brook  
Stony Brook, NY 11794-8191  
516 444-2040  
Length: 1 Year(s) Total Positions: 1  
Program ID: 450-35-21-051

## North Carolina

### Chapel Hill

#### University of North Carolina Hospitals Program

University of North Carolina Hospitals

*Program Director:*  
Blair A Keagy, MD  
George Johnson Jr, MD  
University of North Carolina School of Medicine  
Dept of Vascular Surgery  
CB# 7210 210 Burnett-Womack Bldg  
Chapel Hill, NC 27599-7210  
919 966-3391  
Length: 1 Year(s) Total Positions: 2  
Program ID: 450-36-21-007

\* Updated information not provided.

**Charlotte****Carolinas Medical Center Program**

Carolinas Medical Center  
 Program Director:  
 Francis Robicsek, MD  
 Dept of Cardiothoracic & Vascular Surgery  
 Carolinas Medical Center  
 PO Box 32861  
 Charlotte, NC 28232-2861  
 704 355-4005  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-36-21-008

**Winston-Salem****Bowman Gray School of Medicine Program**

North Carolina Baptist Hospital  
 Program Director:  
 Richard H Dean, MD  
 Bowman Gray School of Medicine  
 Dept of General Surgery  
 Medical Center Blvd  
 Winston-Salem, NC 27157  
 910 716-4443  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-36-21-073

**Ohio****Cincinnati****Good Samaritan Hospital Program**

Good Samaritan Hospital  
 Program Director:  
 Richard E Welling, MD  
 Good Samaritan Hospital  
 375 Dixmyth Ave 3rd Fl  
 Cincinnati, OH 45220-2489  
 513 872-3220  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-36-31-043

**Cleveland****Case Western Reserve University Program**

University Hospitals of Cleveland  
 MetroHealth Medical Center  
 Program Director:  
 Linda M Graham, MD  
 11100 Euclid Ave  
 Lakeside 7002  
 Cleveland, OH 44106  
 216 844-3030  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-36-21-071

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation  
 Program Director:  
 Leonard P Krajewski, MD  
 Cleveland Clinic Foundation  
 9500 Euclid Ave TT32  
 Cleveland, OH 44195-5242  
 216 444-5690  
 Length: 1 Year(s) Total Positions: 3  
 Program ID: 450-36-22-046

**Columbus****Ohio State University Program**

Ohio State University Medical Center  
 Program Director:  
 William L Smead, MD  
 Ohio State University  
 S748 Rhodes Hall  
 450 W Tenth Ave  
 Columbus, OH 43210-1228  
 614 293-8636  
 Length: 1 Year(s) Total Positions: 1  
 Program ID: 450-38-21-056

**Oregon****Portland****Oregon Health Sciences University Program**

Oregon Health Sciences University Hospital  
 Program Director:  
 John M Porter, MD  
 Oregon Health Science University  
 3181 SW Sam Jackson Park Rd OP-11  
 Portland, OR 97201-3098  
 503 494-7593  
 Length: 1 Year(s) Total Positions: 1  
 Program ID: 450-40-21-009

**Pennsylvania****Danville****Geisinger Medical Center Program**

Geisinger Medical Center  
 Program Director:  
 Jerry R Youkey, MD  
 Geisinger Medical Center  
 North Academy Dr  
 Danville, PA 17822  
 717 271-6367  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-41-21-072

**Hershey****Milton S Hershey Medical Center of Pennsylvania State University Program**

Penn State University Hospital-Milton S Hershey Med Ctr  
 Program Director:  
 Robert G Atnip, MD  
 Dept of Surgery  
 Milton S Hershey Medical Center  
 PO Box 850  
 Hershey, PA 17033  
 717 531-8888  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-41-21-065

**Philadelphia****MCPHU/Hahnemann University Hospital Program**

Hahnemann University Hospital  
 Crozer-Chester Medical Center  
 Program Director:  
 Teruo Matsumoto, MD PhD  
 Hahnemann University Hospital  
 Broad & Vine Sts  
 MS 468  
 Philadelphia, PA 19102-1192  
 215 762-8181  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-41-21-063

**Pennsylvania Hospital Program**

Pennsylvania Hospital  
 Program Director:  
 Keith Calligaro, MD  
 Pennsylvania Hospital  
 Section of Vascular Surgery  
 700 Spruce St Ste 101  
 Philadelphia, PA 19106-4014  
 215 829-5000  
 Length: 1 Year(s) Total Positions: 1  
 Program ID: 450-41-31-074

**Temple University Program**

Temple University Hospital  
 Program Director:  
 Anthony J Comerota, MD  
 Temple University  
 3401 N Broad St  
 Philadelphia, PA 19140  
 215 707-3622  
 Length: 1 Year(s) Total Positions: 1  
 Program ID: 450-41-21-054

**University of Pennsylvania Program**

Hospital of the University of Pennsylvania  
 Program Director:  
 Clyde F Barker, MD  
 Hospital of the University of Pennsylvania  
 4 Silverstein  
 3400 Spruce St  
 Philadelphia, PA 19104-4283  
 215 662-6156  
 Length: 1 Year(s) Total Positions: 1  
 Program ID: 450-41-21-052

**Tennessee****Knoxville****University of Tennessee Medical Center at Knoxville Program**

University of Tennessee Graduate School of Medicine  
 University of Tennessee Memorial Hospital  
 Program Director:  
 Mitchell H Goldman, MD  
 The University of Tennessee Medical Center  
 Dept of Surgery  
 1924 Alcoa Hwy  
 Knoxville, TN 37920  
 615 544-9234  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-47-21-075

**Memphis****University of Tennessee Program\***

University of Tennessee College of Medicine  
 Baptist Memorial Hospital  
 Veterans Affairs Medical Center (Memphis)  
 Program Director:  
 H Edward Garrett Jr, MD  
 Univ of Tennessee Ctr for the Hlth Sci  
 Div of Vascular Surgery  
 956 Court Ave Rm 2E32  
 Memphis, TN 38163  
 901 577-4541  
 Length: 1 Year(s) Total Positions: 2  
 Program ID: 450-47-21-041

\* Updated information not provided.

## Nashville

### Vanderbilt University Program

Vanderbilt University Medical Center  
St Thomas Hospital

*Program Director:*

William H Edwards Sr, MD  
Vanderbilt University Hospital  
Div of Vascular Surgery  
2100 Pierce Ave #209 MCS  
Nashville, TN 37232-3735  
615 936-0150

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 450-47-21-047**

## Texas

### Dallas

#### Baylor University Medical Center Program

Baylor University Medical Center

*Program Director:*

C M "Mack" Talkington, MD  
712 N Washington Ave  
Ste 509  
Dallas, TX 75246  
214 824-7280

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 450-48-21-028**

#### University of Texas Southwestern Medical School Program

University of Texas Southwestern Medical School  
Dallas County Hospital District-Parkland Memorial Hospital

Veterans Affairs Medical Center (Dallas)

Zale-Lipshy University Hospital

*Program Director:*

G Patrick Clagett, MD  
University of Texas Southwestern Medical School  
5323 Harry Hines Blvd  
Dallas, TX 75235-9031  
214 648-3516

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 450-48-21-029**

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Methodist Hospital

*Program Director:*

Jimmy F Howell, MD  
Baylor College of Medicine  
One Baylor Plaza  
Dept of Surgery 402D  
Houston, TX 77030  
713 798-6078

*Length:* 1 Year(s) *Total Positions:* 6

**Program ID: 450-48-21-016**

## Virginia

### Norfolk

#### Eastern Virginia Graduate School of Medicine Program

Eastern Virginia Graduate School of Medicine  
Sentara Norfolk General Hospital

*Program Director:*

Roger T Gregory, MD RVT  
Ste 101 Brambleton Medical Center  
250 W Brambleton Ave  
Norfolk, VA 23510  
804 622-2640

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 450-51-21-018**

### Richmond

#### Medical College of Virginia/Virginia Commonwealth University Program

Medical College of Virginia/Virginia Commonwealth University

Hunter Holmes McGuire VA Medical Center (Richmond)

Medical College of Virginia Hospitals

*Program Director:*

H M Lee, MD  
MCV/Virginia Commonwealth Univ  
PO Box 980057  
Richmond, VA 23298-0057  
804 828-9313

*Length:* 1 Year(s) *Total Positions:* 1

**Program ID: 450-51-21-039**

## Washington

### Seattle

#### University of Washington Program

University of Washington School of Medicine

University of Washington Medical Center

Veterans Affairs Medical Center (Seattle)

*Program Director:*

D Eugene Strandness, MD  
University of Washington School of Medicine  
Div of Vascular Surgery Rf25  
Seattle, WA 98195  
206 543-3653

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 450-54-21-019**

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

John L Doyne Hospital

*Program Director:*

Jonathan B Towne, MD  
Medical College of Wisconsin  
8700 W Wisconsin Ave  
Milwaukee, WI 53226  
414 257-5516

*Length:* 1 Year(s) *Total Positions:* 2

**Program ID: 450-56-21-020**

\* Updated information not provided.

# Section IV

## Graduate Medical Education Teaching Institutions

Section IV lists hospitals and organizations that sponsor graduate medical education (GME) programs, serve as primary clinical sites, or participate in GME. *Sponsoring* institutions (formerly parent institutions) assume final responsibility for a GME program. Most GME programs are sponsored by specific clinical departments within a hospital, another health care institution such as a medical school, or an educational consortium. *Primary clinical sites* exist when the location of the primary teaching institution differs from that of the sponsoring institution. *Participating* institutions (formerly affiliated institutions) include hospitals or other sites recognized by at least one residency review committee as providing a major portion of required GME.

Separate listings for sponsoring institutions, primary clinical sites, and participating institutions are provided in alphabetical order by state and city. Each listing includes the institution name, address, and identification code. Also provided are codes of medical schools affiliated with each institution (where applicable) and abbreviations for the specialty and subspecialty programs sponsored by the institution. (A key for specialty and subspecialty abbreviation codes is provided in Appendix F.)

Candidates seeking a residency should refer to the list of programs in Section III. Applications for a residency position should be addressed to the program director rather than to an institution.

### Relationships Between Hospitals and Medical Schools (Medical School Affiliation)

Hospitals that sponsor an accredited program are not required to have a formal relationship with a medical school. Where such a relationship exists, the affiliation is identified by the dean of the medical school as M (major), G (graduate only), or L (limited). The medical school associated with the code number in this listing is identified in Appendix E.

Major affiliation (M) signifies that an institution is an important part of the teaching program of the medical school and is a major unit in the clinical clerkship program. Major teaching institutions provide clerkship experience in two or more of the major specialties: internal medicine, surgery, pediatrics, and obstetrics-gynecology. An institution responsible for most of the teaching in a single specialty, such as psychiatry or pediatrics, may also be considered a major affiliation. In a major teaching institution, medical students serve clinical clerkships regularly on inpatient services, under the direct supervision of medical school faculty. A major teaching institution may or may not be used for medical school residencies.

Graduate affiliation (G) indicates that the institution is affiliated with the medical school only for its graduate programs and that one or more of the following arrangements is in effect:

1. House staff of the GME programs are selected by officials of a medical school department or by a joint committee of the institution teaching staff and medical school faculty.
2. Medical school faculty (other than the institution's attending staff) are regularly scheduled to participate in the teaching programs of the institution. No graduate affiliation is indicated if medical school faculty participation at the institution is limited to an occasional lecture or consultation visit, or if the institution's residents attend medical school teaching conferences only as visitors.
3. A contractual arrangement (with or without financial commitment) specifies the medical school participation in the organization and supervision of the GME program in the institution.
4. There is some degree of exchange of residents between this institution and the principal teaching institution of the medical school.

Limited affiliation (L) signifies that the institution is affiliated with the medical school's teaching program only for brief and/or unique rotations of students or residents.

## Sponsoring Institutions

### Alabama

#### Birmingham

##### American Sports Medicine Institute

PO Box 550039  
1313 13th St S  
Birmingham, AL 35255-0039  
Specialty: OSM  
Institution ID: 01-8009

##### Birmingham Baptist Medical Centers Inc.

3500 Blue Lake Dr  
PO Box 830605  
Birmingham, AL 35283-0605  
Specialty: DR, GS, IM, PTH, TY  
Institution ID: 01-0519

##### Carraway Methodist Medical Center

1600 Carraway Blvd  
Birmingham, AL 35234  
Med Sch Affil: M-00102  
Specialty: FP, GS, IM, OBG, TY  
Institution ID: 01-0132

##### Medical Center East

50 Medical Park East Dr  
Birmingham, AL 35235-3499  
Med Sch Affil: G-00102  
Specialty: FP  
Institution ID: 01-0515

##### University of Alabama Hospital

619 19th St S  
Birmingham, AL 35233-6805  
Med Sch Affil: M-00102  
Specialty: AI, AN, BBK, CCM, CCP, CD, CHN, D, DMP, DR, END, FOP, FP, GE, GS, HO, HSO, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OBG, OM, OPH, ORS, OSM, OTO, P, PCP, PD, PDP, PDR, PDS, PHO, PM, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR  
Institution ID: 01-0498

##### University of Alabama School of Medicine

MEB 301  
UAB Station  
Birmingham, AL 35294-3293  
Med Sch Affil: M-00102  
Specialty: PG  
Institution ID: 01-0527

#### Huntsville

##### University of Alabama School of Medicine in Huntsville

109 Governors Dr SW  
Huntsville, AL 35801  
Specialty: FP  
Institution ID: 01-9501

#### Mobile

##### Alabama Department of Forensic Sciences

PO Box 7925 Crichton Station  
Mobile, AL 36607  
Specialty: FOP  
Institution ID: 01-0532

##### University of South Alabama Medical Center

2451 Fillingim St  
Mobile, AL 36617-2293  
Med Sch Affil: M-00106, L-02312  
Specialty: AN, CD, CHN, CHP, DR, FP, GE, GS, HO, ID, IM, MPD, N, OBG, ORS, P, PD, PHO, PTH, PUD  
Institution ID: 01-0406

#### Selma

##### Four Rivers Medical Center

1015 Medical Center Pkwy  
Selma, AL 36701  
Med Sch Affil: G-00102  
Specialty: FP  
Institution ID: 01-0514

#### Tuscaloosa

##### University of Alabama College of Community Health Sciences

PO Box 870326  
Tuscaloosa, AL 35487-0326  
Med Sch Affil: M-00102  
Specialty: FP  
Institution ID: 01-0523

### Arizona

#### Phoenix

##### Barrow Neurological Institute of St Joseph's Hosp & Med Ctr

350 W Thomas Rd  
PO Box 2071  
Phoenix, AZ 85001-2071  
Specialty: CHN, N, NS  
Institution ID: 03-0248

##### Good Samaritan Regional Medical Center

1111 E McDowell Rd  
PO Box 52174  
Phoenix, AZ 85062-2174  
Med Sch Affil: M-00301  
Specialty: CD, END, FP, GS, IM, IMG, MPD, OBG, P, PUD, TY  
Institution ID: 03-0345

##### Maricopa Medical Center

2601 E Roosevelt  
Phoenix, AZ 85008  
Med Sch Affil: M-00301, L-02312  
Specialty: EM, GS, HSO, IM, MPD, OBG, ORS, P, TY  
Institution ID: 03-0253

##### Phoenix Baptist Hospital and Medical Center

Family Medicine Center  
PO Box 11469  
Phoenix, AZ 85061  
Med Sch Affil: L-00301  
Specialty: FP  
Institution ID: 03-0517

##### Phoenix Children's Hospital

1300 N 12th St Ste 404  
Phoenix, AZ 85006  
Specialty: PD  
Institution ID: 03-8015

##### St Joseph's Hospital and Medical Center

350 W Thomas Rd  
PO Box 2071  
Phoenix, AZ 85001-2071  
Med Sch Affil: M-00301, L-04815  
Specialty: DR, FP, IM, PD, PTH, RNR  
Institution ID: 03-0136

#### Scottsdale

##### Scottsdale Memorial Hospital

7400 E Osborn Rd  
Scottsdale, AZ 85251-5672  
Med Sch Affil: M-02608  
Specialty: FP  
Institution ID: 03-0512

#### Tucson

##### Tucson Hospitals Medical Education Program Inc

530 E Grant Rd  
Box 42185  
Tucson, AZ 85733  
Specialty: IM, TY  
Institution ID: 03-0497

##### University of Arizona College of Medicine

1501 N Campbell Ave  
Tucson, AZ 85724-1111  
Med Sch Affil: M-00301  
Specialty: AN, CCA, CCP, CD, CHP, D, DR, EM, END, FP, FPG, GE, GPM, GS, HO, ID, IM, N, NEP, NM, NPM, NR, OBG, OM, OPH, ORS, P, PCC, PD, PDP, PTH, RHU, RNR, RO, TS, U, VS  
Institution ID: 03-0509

### Arkansas

#### Little Rock

##### UAMS-Area Health Education Centers Program

4301 W Markham St  
Slot 599  
Little Rock, AR 72205  
Specialty: FP  
Institution ID: 04-8018

##### University Hospital of Arkansas

4301 W Markham St  
Little Rock, AR 72205-7199  
Med Sch Affil: M-00401  
Specialty: MPD  
Institution ID: 04-0261

##### University of Arkansas College of Medicine

4301 W Markham St  
Little Rock, AR 72205-7199  
Med Sch Affil: M-00401  
Specialty: AN, CCP, CD, CHP, D, DR, EM, END, FP, GE, GS, HEM, HMP, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PCP, PD, PDE, PDR, PDS, PG, PM, PTH, RHU, RNR, TS, TY, U, VIR, VS  
Institution ID: 04-9501

### California

#### Bakersfield

##### Kern Medical Center

1830 Flower St  
Bakersfield, CA 93305-4197  
Med Sch Affil: L-00515, G-00518, G-00514  
Specialty: EM, FP, GS, IM, OBG, TY  
Institution ID: 05-0120

**Berkeley****University of California School of Public Health**

140 Earl Warren Hall  
Berkeley, CA 94720-7360  
*Med Sch Affil:* L-00502  
*Specialty:* GPM  
*Institution ID:* 05-0376

**Camp Pendleton****Naval Hospital (Camp Pendleton)**

Commanding Officer  
Naval Hosp Attn: Dir of Med Serv  
Box 555191  
Camp Pendleton, CA 92055-5191  
*Med Sch Affil:* L-02312, L-00518  
*Specialty:* FP  
*Institution ID:* 05-0320

**Cerritos****FHP Southern California Region**

18000 Studebaker Rd  
Cerritos, CA 90701  
*Specialty:* FP  
*Institution ID:* 05-8077

**Davis****University of California (Davis) School of Medicine**

Health Sciences Dr  
Davis, CA 95616  
*Med Sch Affil:* M-00519, L-02312  
*Specialty:* OM  
*Institution ID:* 05-9502

**Downey****LAC-Rancho Los Amigos Medical Center**

7601 E Imperial Hwy 117HB  
Downey, CA 90242  
*Med Sch Affil:* M-00506, G-01401, G-00515  
*Specialty:* OP  
*Institution ID:* 05-0504

**Duarte****City of Hope National Medical Center**

1500 E Duarte Rd  
Duarte, CA 91010-0269  
*Med Sch Affil:* L-00515, L-00506, G-00518  
*Specialty:* HMP  
*Institution ID:* 05-0233

**Fresno****UCSF-Fresno Medical Education Program**

2615 E Clinton Ave  
Fresno, CA 93703  
*Specialty:* CD, DR, EM, FP, GS, IM, OBG, P, PD, TY  
*Institution ID:* 05-9501

**Glendale****Glendale Adventist Medical Center**

1509 Wilson Terrace  
Glendale, CA 91206  
*Med Sch Affil:* L-00512  
*Specialty:* FP, OBG  
*Institution ID:* 05-0116

**Inglewood****Kerlan-Jobe Orthopaedic Clinic**

501 E Hardy St Ste 420  
Inglewood, CA 90301  
*Specialty:* OSM  
*Institution ID:* 05-8087

**Irvine****University of California (Irvine) College of Medicine**

Irvine Hall Bldg  
Irvine, CA 92717-4089  
*Med Sch Affil:* M-00515, L-02312  
*Specialty:* OM  
*Institution ID:* 05-0741

**La Jolla****Scrrips Clinic and Research Foundation**

Dept of Grad Med Educ 403C  
10666 N Torrey Pines Rd  
La Jolla, CA 92037-1093  
*Med Sch Affil:* L-02312, G-00518  
*Specialty:* AI, CD, END, GE, HEM, HMP, IM, ON, RHU  
*Institution ID:* 05-0225

**Loma Linda****Loma Linda University Community Hospital**

25333 Barton Rd  
Loma Linda, CA 92354  
*Med Sch Affil:* M-00512  
*Specialty:* FP  
*Institution ID:* 05-8044

**Loma Linda University Medical Center**

11234 Anderson St  
Loma Linda, CA 92354  
*Med Sch Affil:* M-00512, L-02312  
*Specialty:* AN, APM, CCP, CD, CHN, D, DR, EM, GE, GPM, GS, HSO, IM, MPD, N, NEP, NPM, NS, OBG, OPH, ORS, OTO, P, PD, PDR, PM, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 05-0238

**Long Beach****Long Beach Memorial Medical Center**

2801 Atlantic Ave  
PO Box 1428  
Long Beach, CA 90801-1428  
*Med Sch Affil:* M-00515, L-00514  
*Specialty:* BBK, FP, OSM, PDP  
*Institution ID:* 05-0195

**St Mary Medical Center**

1050 Linden Ave  
Long Beach, CA 90813  
*Med Sch Affil:* L-00514  
*Specialty:* IM  
*Institution ID:* 05-0267

**Veterans Affairs Medical Center (Long Beach)**

Long Beach Veterans Medical Center  
5901 E 7th St  
Long Beach, CA 90802  
*Med Sch Affil:* M-00515  
*Specialty:* NM  
*Institution ID:* 05-0186

**Los Angeles****California Medical Center (Los Angeles)**

1401 S Grand Ave  
Los Angeles, CA 90015-0001  
*Med Sch Affil:* G-00506  
*Specialty:* FP  
*Institution ID:* 05-0231

**Cedars-Sinai Medical Center**

8700 Beverly Blvd  
Los Angeles, CA 90048-1869  
*Med Sch Affil:* M-00514, L-04815  
*Specialty:* BBK, CCM, CD, CHP, DR, END, GS, HMP, HO, ID, IM, MPD, NEP, NM, NPM, OBG, P, PCC, PD, PIP, PN, PTH, PUD, RHU  
*Institution ID:* 05-0545

**Charles R Drew University of Medicine and Science**

12021 S Wilmington Ave  
Los Angeles, CA 90059  
*Med Sch Affil:* M-00502  
*Specialty:* AN, CD, D, DR, EM, FP, GS, ID, IM, OBG, OPH, ORS, OTO, P, PD, PUD  
*Institution ID:* 05-0590

**Childrens Hospital of Los Angeles**

4650 Sunset Blvd  
Los Angeles, CA 90027  
*Med Sch Affil:* M-00506, L-00515, G-03201, G-00512  
*Specialty:* AI, CCP, NPM, PD, PDC, PDE, PDP, PDR, PDS, PHO, PN, SP  
*Institution ID:* 05-0344

**County of Los Angeles-Department of Coroner**

1104 N Mission Rd  
Los Angeles, CA 90033  
*Specialty:* FOP  
*Institution ID:* 05-0553

**Los Angeles County-USC Medical Center**

1200 N State St  
PO Box 540  
Los Angeles, CA 90033-1084  
*Med Sch Affil:* M-00506, G-01401  
*Specialty:* AI, AN, BBK, CD, CHN, CHP, CRS, D, DR, EM, END, GE, GS, HEM, HMP, HSO, ID, IM, MN, MPD, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PHO, PS, PTH, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 05-0557

**UCLA School of Medicine**

10833 LeConte Ave  
Los Angeles, CA 90024  
*Med Sch Affil:* L-02312  
*Specialty:* AI, AN, BBK, CCM, CCP, CD, CHN, CHP, D, DR, EM, END, FP, GE, GS, HEM, HSO, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCP, PD, PDC, PDE, PDR, PHO, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 05-9503

**UCLA School of Public Health**

Dean's Office  
16-035 CHS  
10833 Le Conte Ave  
Los Angeles, CA 90024-1772  
*Specialty:* GPM  
*Institution ID:* 05-0514

**University of Southern California School of Medicine**

1975 Zonal Ave KAM 500  
Los Angeles, CA 90033  
*Med Sch Affil:* M-00506  
*Specialty:* OM  
*Institution ID:* 05-0753



**Veterans Affairs Medical Center (West Los Angeles)**

11301 Wilshire Blvd  
Los Angeles, CA 90073  
*Med Sch Affil:* M-00514  
*Specialty:* AI, CD, END, IM, N, NM, PM, PTH, PUD  
*Institution ID:* 05-0255

**White Memorial Medical Center**

1720 Cesar E Chavez Ave  
Los Angeles, CA 90033-2481  
*Med Sch Affil:* M-00512  
*Specialty:* FP, IM, OBG, OPH, PD  
*Institution ID:* 05-0353

**Los Angeles (Sepulveda)****Veterans Affairs Medical Center (Sepulveda)**

16111 Plummer St  
Los Angeles (Sepulveda), CA 91343  
*Med Sch Affil:* M-00514  
*Specialty:* CD, END, HO, IM, NEP, NM, P, PUD, RHU  
*Institution ID:* 05-0408

**Martinez****Merrithew Memorial Hospital and Clinics**

2500 Alhambra Ave  
Martinez, CA 94553-3101  
*Med Sch Affil:* G-00519  
*Specialty:* FP  
*Institution ID:* 05-0271

**Merced****Merced Community Medical Center**

301 E 13th St  
PO Box 231  
Merced, CA 95340-0231  
*Med Sch Affil:* G-00519  
*Specialty:* FP  
*Institution ID:* 05-0715

**Modesto****Stanislaus Medical Center**

830 Scenic Dr  
Modesto, CA 95353  
*Med Sch Affil:* G-00519  
*Specialty:* FP  
*Institution ID:* 05-0330

**Napa****Napa State Hospital**

2100 Napa-Vallejo Hwy  
Napa, CA 94558-6293  
*Specialty:* CHP, P  
*Institution ID:* 05-0205

**Northridge****Northridge Hospital Medical Center**

18300 Roscoe Blvd  
Northridge, CA 91328  
*Med Sch Affil:* L-00514  
*Specialty:* FP  
*Institution ID:* 05-0728

**Oakland****Children's Hospital Medical Center of Northern California**

747 52nd St  
Oakland, CA 94609  
*Med Sch Affil:* M-00502, G-00519  
*Specialty:* PD, PHO  
*Institution ID:* 05-0110

**Highland General Hospital**

1411 E 31st St  
Oakland, CA 94602-1093  
*Med Sch Affil:* L-00502, G-00519  
*Specialty:* EM, IM, N, TY  
*Institution ID:* 05-0413

**Kaiser Permanente Medical Center (Oakland)**

280 W MacArthur Blvd  
Oakland, CA 94611-5693  
*Med Sch Affil:* L-00502, G-00519  
*Specialty:* GS  
*Institution ID:* 05-0296

**Kaiser Permanente Medical Group (Northern California)**

1800 Sheraton St 21st Fl  
Oakland, CA 94612  
*Specialty:* IM, OBG, OTO, PD, PTH  
*Institution ID:* 05-8090

**Naval Hospital (Oakland)**

8750 Mountain Blvd  
Oakland, CA 94627-5000  
*Med Sch Affil:* M-02312, M-00502, G-00519  
*Specialty:* ORS, TY, U  
*Institution ID:* 05-0194

**Orange****Children's Hospital of Orange County**

455 S Main St  
Orange, CA 92668  
*Med Sch Affil:* G-00515  
*Specialty:* PD, PHO  
*Institution ID:* 05-0547

**University of California (Irvine) Medical Center**

101 The City Dr  
Orange, CA 92668  
*Med Sch Affil:* M-00515  
*Specialty:* AI, ALI, AN, APM, CCA, CCS, CD, CHN, CHP, D, DMP, DR, EM, END, FP, GE, GS, HEM, ID, IM, IMG, N, NEP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PM, PS, PTH, RHU, RO, U  
*Institution ID:* 05-0564

**Pasadena****Huntington Memorial Hospital**

100 W California Blvd  
P O Box 7013  
Pasadena, CA 91109-7013  
*Med Sch Affil:* M-00506, L-02312  
*Specialty:* GS, IM  
*Institution ID:* 05-0474

**Southern California Kaiser Permanente Medical Group**

393 E Walnut St  
Pasadena, CA 91188  
*Specialty:* AI, CD, DR, FP, FPG, GE, GS, HSP, ID, IM, N, NEP, OBG, PD, RO, U  
*Institution ID:* 05-8072

**Redding****Mercy Medical Center**

Clairmont Heights  
PO Box 496009  
Redding, CA 96049-6009  
*Med Sch Affil:* G-00519  
*Specialty:* FP  
*Institution ID:* 05-0745

**Riverside****Riverside General Hospital-University Medical Center**

9851 Magnolia Ave  
Riverside, CA 92503  
*Med Sch Affil:* M-00512  
*Specialty:* FP  
*Institution ID:* 05-0260

**Sacramento****California Department of Health Services**

714 P St Rm 1253  
PO Box 942732  
Sacramento, CA 94234-7320  
*Specialty:* PH  
*Institution ID:* 05-0202

**North California Forensic Pathology**

4400 V St  
Sacramento, CA 95817  
*Specialty:* FOP  
*Institution ID:* 05-0724

**Sutter Health**

2800 L St  
Sacramento, CA 95816  
*Specialty:* FP  
*Institution ID:* 05-8085

**University of California (Davis) Medical Center**

2315 Stockton Blvd  
Sacramento, CA 95817  
*Med Sch Affil:* M-00519  
*Specialty:* AI, AN, CCM, CCS, CD, CHN, CHP, D, DR, EM, END, FP, GE, GS, HMP, HO, HSO, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PD, PHO, PM, PS, PTH, RHU, TS, U  
*Institution ID:* 05-0436

**Salinas****Natividad Medical Center**

1330 Natividad Rd  
PO Box 81611  
Salinas, CA 93912-1611  
*Med Sch Affil:* M-00502  
*Specialty:* FP  
*Institution ID:* 05-0160

**San Bernardino****San Bernardino County Coroner's Office**

175 S Lena Rd  
San Bernardino, CA 92415-0037  
*Specialty:* FOP  
*Institution ID:* 05-8073

**San Bernardino County Medical Center**

780 E Gilbert St  
San Bernardino, CA 92415-0935  
*Med Sch Affil:* M-00515, L-02312, L-00512  
*Specialty:* FP, TY  
*Institution ID:* 05-0207

**San Diego****Mercy Hospital and Medical Center**

4077 Fifth Ave  
San Diego, CA 92103-2180  
*Med Sch Affil:* M-00518  
*Specialty:* CD, IM, TY  
*Institution ID:* 05-0397

**Naval Medical Center (San Diego)**

34800 Bob Wilson Dr  
San Diego, CA 92134-5000  
*Med Sch Affil:* M-02312, M-00518  
*Specialty:* AN, CCM, CD, D, DMP, DR, EM, GE, GS, HO, HSO, ID, IM, OBG, OPH, ORS, OTO, P, PCC, PD, PTH, TY, U  
**Institution ID:** 05-0386

**San Diego County Medical Examiner**

5555 Overland Ave Bldg 14  
San Diego, CA 92123  
*Specialty:* FOP  
**Institution ID:** 05-8061

**Sharp HealthCare**

3131 Berger Ave  
San Diego, CA 92123  
*Specialty:* FP  
**Institution ID:** 05-8076

**University of California (San Diego) Medical Center**

200 W Arbor Dr  
San Diego, CA 92103-8970  
*Med Sch Affil:* M-00518, L-02312  
*Specialty:* AI, AN, APM, CCP, CD, CHN, CHP, D, DR, EM, END, FP, GE, GPM, GS, HO, HSO, ID, IM, IMG, MPD, N, NEP, NM, NP, NPM, NS, OBG, OP, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PN, PS, PTH, RHU, RNR, TS, U, UP  
**Institution ID:** 05-0434

**San Francisco****California Pacific Medical Center**

PO Box 7999  
San Francisco, CA 94120  
*Specialty:* CD, GE, HSO, IM, NPM, OPH, P, PD, PUD  
**Institution ID:** 05-8082

**Irwin Memorial Blood Centers**

270 Masonic Ave  
San Francisco, CA 94118-4496  
*Specialty:* BBK  
**Institution ID:** 05-0767

**St Francis Memorial Hospital**

900 Hyde St  
San Francisco, CA 94109  
*Specialty:* PS  
**Institution ID:** 05-0162

**St Mary's Hospital and Medical Center**

450 Stanyan St  
San Francisco, CA 94117-1079  
*Med Sch Affil:* L-00502  
*Specialty:* CD, IM, ORS, RO  
**Institution ID:** 05-0163

**University of California (San Francisco) School of Medicine**

San Francisco, CA 94143-0410  
*Med Sch Affil:* M-00502, L-02312  
*Specialty:* AI, AN, CCA, CCM, CCP, CD, CHN, CHP, D, DMP, DR, END, FP, GE, GS, HEM, HMP, HSO, HSP, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OBG, OM, ON, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PDP, PDR, PG, PHO, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
**Institution ID:** 05-0727

**San Jose****San Jose Medical Center**

675 E Santa Clara St  
San Jose, CA 95112  
*Med Sch Affil:* L-00511  
*Specialty:* FP  
**Institution ID:** 05-0723

**Santa Clara Valley Medical Center**

Robert Sillen  
Health/Hosp Systems Administration  
2220 Moorpark Ave  
San Jose, CA 95128-2699  
*Med Sch Affil:* M-00511  
*Specialty:* DR, IM, OBG, PTH, RHU, TY  
**Institution ID:** 05-0438

**San Mateo****San Mateo County General Hospital**

Psychiatry Residency Program  
222 W 39th Ave  
San Mateo, CA 94403-0222  
*Specialty:* P  
**Institution ID:** 05-0585

**Santa Barbara****Sansum Medical Clinic**

317 W Pueblo St  
Santa Barbara, CA 93105  
*Specialty:* CRS  
**Institution ID:** 05-8010

**Santa Barbara Cottage Hospital**

PO Box 689  
Santa Barbara, CA 93102  
*Med Sch Affil:* L-00514, L-00506  
*Specialty:* DR, GS, IM  
**Institution ID:** 05-0381

**Santa Monica****Santa Monica Hospital Medical Center**

1255 15th St  
Santa Monica, CA 90404  
*Med Sch Affil:* L-00514  
*Specialty:* FP  
**Institution ID:** 05-0439

**Santa Rosa****Community Hospital**

3325 Chanate Rd  
Santa Rosa, CA 95404-1787  
*Med Sch Affil:* M-00502  
*Specialty:* FP  
**Institution ID:** 05-0152

**Stanford****Stanford University Hospital**

300 Pasteur Dr  
Stanford, CA 94305  
*Med Sch Affil:* M-00511  
*Specialty:* AI, AN, APM, CCA, CCM, CCP, CD, CHN, CHP, D, DMP, DR, EM, END, GE, GS, HEM, HSO, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OAR, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PDP, PDR, PG, PHO, PM, PN, PS, PTH, RHU, RNR, RO, SPS, TS, U, VS  
**Institution ID:** 05-0129

**Stockton****San Joaquin General Hospital**

P O Box 1020  
Stockton, CA 95201-1020  
*Med Sch Affil:* G-00519  
*Specialty:* FP, GS, IM, TY  
**Institution ID:** 05-0281

**Torrance****Los Angeles County-Harbor-UCLA Medical Center**

1000 W Carson St  
Torrance, CA 90509-2910  
*Med Sch Affil:* M-00514, L-02312  
*Specialty:* AI, AN, CCM, CCP, CD, CHN, CHP, D, DR, EM, END, FP, GS, HEM, ID, IM, N, NEP, NPM, OBG, ON, ORS, P, PD, PDE, PTH, PUD, RHU, RNR, TY, VS  
**Institution ID:** 05-0385

**Travis AFB****David Grant Medical Center**

60th Medical Group  
101 Bodin Circle  
Travis AFB, CA 94535-1800  
*Med Sch Affil:* M-02312, M-00519  
*Specialty:* DR, FP, GS, IM, OBG, PD, TY  
**Institution ID:** 05-0499

**Van Nuys****Southern California Orthopedic Institute**

6815 Noble Ave  
Van Nuys, CA 91405-3641  
*Specialty:* OSM  
**Institution ID:** 05-8070

**Ventura****Ventura County Medical Center**

3291 Loma Vista Rd  
Ventura, CA 93003  
*Specialty:* FP  
**Institution ID:** 05-0324

**Whittier****Presbyterian Intercommunity Hospital**

12401 E Washington Blvd  
Whittier, CA 90602  
*Med Sch Affil:* G-00506  
*Specialty:* FP, FPG  
**Institution ID:** 05-0762

**Colorado****Aurora****Fitzsimons Army Medical Center**

Graduate Medical Education Office  
Attn: MCHG-ZBA-E (Ms. Noles)  
Aurora, CO 80045-5000  
*Med Sch Affil:* M-02312, M-00702  
*Specialty:* AI, CD, D, DR, GS, IM, NM, OPH, ORS, PS, TY, U  
**Institution ID:** 07-0461

**Colorado Springs****Penrose-St Francis Healthcare System**

2215 N Cascade Ave  
Colorado Springs, CO 80933  
*Med Sch Affil:* L-00702  
*Specialty:* PTH  
**Institution ID:** 07-0327

**Denver****Children's Hospital**

1056 E 19th Ave  
 Medical Education Box 158  
 Denver, CO 80218-1088  
*Med Sch Affil:* M-00702  
*Specialty:* SP  
*Institution ID:* 07-0378

**Denver Health and Hospitals**

777 Bannock St  
 Denver, CO 80204-4507  
*Med Sch Affil:* M-00702  
*Specialty:* EM, FOP  
*Institution ID:* 07-0280

**Presbyterian-St Luke's Medical Center**

1719 E 19th Ave  
 Denver, CO 80218  
*Specialty:* DR, IM, TY  
*Institution ID:* 07-0277

**Provenant Mercy Hospital**

1650 Fillmore St  
 Denver, CO 80206-5000  
*Med Sch Affil:* L-00702  
*Specialty:* FP  
*Institution ID:* 07-0213

**St Joseph Hospital**

1835 Franklin St  
 Denver, CO 80218-9968  
*Specialty:* FP, GS, IM, OBG  
*Institution ID:* 07-0451

**University of Colorado Health Sciences Center**

Graduate Medical Education  
 4200 E 9th Ave PO Box C-293  
 Denver, CO 80262  
*Med Sch Affil:* M-00702, L-02312  
*Specialty:* AI, ALI, AN, CCM, CCP, CD, CHN, CHP, D, DMP, DR, END, FP, GE, GPM, GS, HEM, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, OM, ON, OPH, ORS, OSM, OTO, P, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PM, PMP, PN, PS, PTH, PUD, RHU, RNR, TS, U, VIR  
*Institution ID:* 07-0313

**Fort Collins****Poudre Valley Hospital**

1024 Lemay Ave  
 Fort Collins, CO 80524-3998  
*Specialty:* FP  
*Institution ID:* 07-0705

**Grand Junction****St Mary's Hospital and Medical Center**

P O Box 1628  
 Grand Junction, CO 81502  
*Specialty:* FP  
*Institution ID:* 07-0713

**Greeley****North Colorado Medical Center**

1801 16th St  
 Greeley, CO 80631-5199  
*Specialty:* FP  
*Institution ID:* 07-0348

**Pueblo****St Mary-Corwin Hospital Regional Medical and Health Center**

Southern Colorado Family Medicine  
 1008 Minnequa Ave  
 Pueblo, CO 81004-3798  
*Specialty:* FP  
*Institution ID:* 07-0360

**Vail****Steadman Hawkins Clinic**

181 W Meadow Dr Ste 400  
 Vail, CO 81657  
*Specialty:* OSM  
*Institution ID:* 07-8018

**Connecticut****Bridgeport****Bridgeport Hospital**

267 Grant St  
 Bridgeport, CT 06610-2870  
*Med Sch Affil:* M-00801  
*Specialty:* CD, DR, GE, GS, IM, MPD, OBG, PD, PUD  
*Institution ID:* 08-0359

**St Vincent's Medical Center**

2800 Main St  
 Bridgeport, CT 06606  
*Med Sch Affil:* M-00801, L-03509  
*Specialty:* DR, IM, TY  
*Institution ID:* 08-0341

**Danbury****Danbury Hospital**

24 Hospital Ave  
 Danbury, CT 06810-6099  
*Med Sch Affil:* M-00801, L-03509, G-00802  
*Specialty:* IM, OBG, PTH  
*Institution ID:* 08-0363

**Derby****Griffin Hospital**

130 Division St  
 Derby, CT 06418  
*Med Sch Affil:* M-00801  
*Specialty:* GE, IM  
*Institution ID:* 08-0172

**Farmington****University of Connecticut School of Medicine**

University of Connecticut  
 School of Medicine  
 263 Farmington Ave  
 Farmington, CT 06030  
*Med Sch Affil:* M-00802  
*Specialty:* AN, BBK, CD, CHP, DR, EM, END, FP, GE, GS, HO, HSO, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, OM, OP, ORS, OSM, OTO, P, PCC, PD, PDE, PDP, RHU, U, VS  
*Institution ID:* 08-0445

**Greenwich****Greenwich Hospital**

Dept of Medical Education Rm 487N  
 Perryridge Rd  
 Greenwich, CT 06830  
*Med Sch Affil:* M-00801  
*Specialty:* IM  
*Institution ID:* 08-0257

**Hartford****Hartford Hospital**

80 Seymour St  
 Hartford, CT 06115-0729  
*Med Sch Affil:* M-00802, L-03201  
*Specialty:* AN, APM, CCA, CCS, DR, HMP, MM, OBG, PCP, PTH  
*Institution ID:* 08-0275

**Mount Sinai Hospital**

500 Blue Hills Ave  
 Hartford, CT 06112-1596  
*Med Sch Affil:* M-00802  
*Specialty:* OBG  
*Institution ID:* 08-0316

**St Francis Hospital and Medical Center**

114 Woodland St  
 Hartford, CT 06105-1299  
*Med Sch Affil:* M-00802  
*Specialty:* CRS, OBG  
*Institution ID:* 08-0490

**Middletown****Connecticut Valley Hospital**

PO Box 351 Silver St  
 Middletown, CT 06457-7024  
*Med Sch Affil:* G-00801  
*Specialty:* P  
*Institution ID:* 08-0214

**Middlesex Hospital**

28 Crescent St  
 Middletown, CT 06457-0650  
*Med Sch Affil:* L-00802  
*Specialty:* FP  
*Institution ID:* 08-0135

**New Haven****Hospital of St Raphael**

1450 Chapel St  
 New Haven, CT 06511-4440  
*Med Sch Affil:* M-00801  
*Specialty:* CD, DR, GE, GS, IM, NEP, TY  
*Institution ID:* 08-0244

**Yale-New Haven Hospital**

1063 Clinic Bldg  
 20 York St  
 New Haven, CT 06504-1111  
*Med Sch Affil:* M-00801  
*Specialty:* AI, AN, BBK, CCM, CCP, CCS, CD, CHP, D, DMP, DR, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NP, NPM, NR, NS, OBG, OM, ON, OPH, ORS, OSM, OTO, P, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 08-0433

**Norwalk****Norwalk Hospital**

Maple St  
 Norwalk, CT 06856-5050  
*Med Sch Affil:* M-00801, L-01642  
*Specialty:* CD, DR, GE, IM, PUD  
*Institution ID:* 08-0206

**Norwich****Norwich Hospital**

PO Box 508  
 Norwich, CT 06360  
*Specialty:* P  
*Institution ID:* 08-0395

**Stamford****St Joseph Medical Center**

St Joseph Medical Center  
PO Box 1222  
128 Strawberry Hill Ave  
Stamford, CT 06904-1222  
*Specialty:* FP  
*Institution ID:* 08-0502

**Waterbury****St Mary's Hospital**

56 Franklin St  
Waterbury, CT 06706  
*Med Sch Affil:* M-00802, M-00801  
*Specialty:* GS  
*Institution ID:* 08-0458

**Waterbury Hospital Health Center**

64 Robbins St  
Waterbury, CT 06721  
*Med Sch Affil:* M-00801, L-03201  
*Specialty:* GS, PD  
*Institution ID:* 08-0131

**Delaware****New Castle****Delaware State Hospital**

1901 N DuPont Hwy  
New Castle, DE 19720  
*Specialty:* P  
*Institution ID:* 09-0297

**Wilmington****Alfred I DuPont Institute of the Nemours Foundation**

1600 Rockland Rd  
PO Box 269  
Wilmington, DE 19899-0269  
*Med Sch Affil:* M-04102, G-04113  
*Specialty:* OP  
*Institution ID:* 09-0340

**St Francis Hospital**

Seventh And Clayton Sts  
Wilmington, DE 19805-0500  
*Med Sch Affil:* M-04113  
*Specialty:* FP  
*Institution ID:* 09-0709

**The Medical Center of Delaware**

501 W 14th St  
PO Box 1668  
Wilmington, DE 19899  
*Med Sch Affil:* M-04102, G-04113  
*Specialty:* DR, EM, FP, GS, IM, MEM, MPD, OBG, TY  
*Institution ID:* 09-0247

**District of Columbia****Washington****Armed Forces Institute of Pathology**

6825 16th St NW  
Washington, DC 20306-6000  
*Med Sch Affil:* L-04107, L-02312, L-01643, L-01001, G-02012, G-01003  
*Specialty:* DMP, FOP, NP  
*Institution ID:* 10-0392

**Children's National Medical Center**

111 Michigan Ave NW  
Washington, DC 20010  
*Med Sch Affil:* M-01001, L-02312, L-01002, G-01003  
*Specialty:* AI, CHP, PDS, PG  
*Institution ID:* 10-0441

**DC Commission on Mental Health Services-St Elizabeth Campus**

A Bldg Rm 105  
2700 Martin Luther King Ave SE  
Washington, DC 20032  
*Med Sch Affil:* L-02312, L-01003, L-01001  
*Specialty:* P  
*Institution ID:* 10-0471

**District of Columbia General Hospital**

19th St and Massachusetts Ave SE  
Washington, DC 20003  
*Med Sch Affil:* M-01003, M-01002  
*Specialty:* IM, TY  
*Institution ID:* 10-0183

**George Washington University School of Medicine**

2300 Eye St SW  
Washington, DC 20037  
*Specialty:* AN, CCA, CCM, CCP, CD, CHN, D, DMP, DR, EM, END, FP, GE, GS, HEM, ID, IM, IMG, N, NEP, NPM, NPM, NS, OBG, OM, ON, OP, OPH, ORS, P, PCP, PD, PDC, PDR, PHO, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U  
*Institution ID:* 10-9501

**Georgetown University Hospital**

1st Fl Gorman  
3800 Reservoir Rd NW  
Washington, DC 20007  
*Med Sch Affil:* M-01002, L-02312, G-02301, G-01001  
*Specialty:* AN, APM, BBK, CCP, CD, CHP, DR, END, GE, GS, HEM, ID, IM, N, NEP, NPM, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDC, PN, PS, PTH, RHU, RNR, RO, U  
*Institution ID:* 10-0470

**Georgetown University School of Medicine**

3900 Reservoir Rd NW  
Washington, DC 20007  
*Specialty:* FPG, TY  
*Institution ID:* 10-9502

**Howard University Hospital**

2041 Georgia Ave NW  
Washington, DC 20060  
*Med Sch Affil:* M-01003, L-02312, G-01002  
*Specialty:* AI, AN, CCM, CD, D, DR, END, FP, GE, GS, HEM, ID, IM, N, NEP, OBG, ON, OPH, ORS, P, PD, PTH, PUD, RHU, RO, TY, U  
*Institution ID:* 10-0475

**National Rehabilitation Hospital**

102 Irving St NW  
Washington, DC 20010  
*Med Sch Affil:* M-01003, L-02312  
*Specialty:* PM  
*Institution ID:* 10-0720

**Office of the Chief Medical Examiner**

19th and Massachusetts Ave SE  
Washington, DC 20003  
*Specialty:* FOP  
*Institution ID:* 10-0496

**Providence Hospital**

1150 Varnum St NE  
Washington, DC 20017  
*Med Sch Affil:* L-02312, L-01001, G-01003, G-01002  
*Specialty:* FP, IM  
*Institution ID:* 10-0412

**Veterans Affairs Medical Center (Washington, DC)**

50 Irving St NW  
Washington, DC 20422-0001  
*Med Sch Affil:* M-01003, M-01002, M-01001, L-02312  
*Specialty:* IM  
*Institution ID:* 10-0291

**Walter Reed Army Institute of Research**

Medical Research Fellowship  
Walter Reed Army Institute of Research  
Washington, DC 20307-5100  
*Med Sch Affil:* L-02312  
*Specialty:* GPM  
*Institution ID:* 10-0485

**Walter Reed Army Medical Center**

Bldg 2 Rm 2j33  
6825 16th St NW  
Washington, DC 20307-5001  
*Med Sch Affil:* M-02312, M-01002, L-01003, L-01001  
*Specialty:* AI, ALI, AN, CCA, CCM, CD, CHN, CHP, D, DR, END, GE, GS, HO, ID, IM, N, NEP, NM, NS, OBG, OPH, ORS, OTO, P, PD, PDE, PHO, PM, PS, PTH, PUD, RHU, TS, TY, U, VS  
*Institution ID:* 10-0242

**Washington Hospital Center**

110 Irving St NW  
Washington, DC 20010-2975  
*Med Sch Affil:* L-02312, L-01001, G-01003, G-01002  
*Specialty:* CD, D, GE, GS, HO, ID, IM, NEP, OBG, OPH, PTH, RHU, U  
*Institution ID:* 10-0377

**Florida****Daytona Beach****Halifax Medical Center**

303 N Clyde Morris Blvd  
PO Box 2830  
Daytona Beach, FL 32115-2830  
*Med Sch Affil:* L-01104  
*Specialty:* FP  
*Institution ID:* 11-0165

**Eglin AFB****Headquarters Air Force Development Test Center (AFMC)**

307 Boatner Rd Ste 114  
Eglin AFB, FL 32542-1282  
*Med Sch Affil:* L-02312  
*Specialty:* FP  
*Institution ID:* 11-0722

**Fort Lauderdale****Broward County Medical Examiner's Office**

5301 SW 31st Ave  
Fort Lauderdale, FL 33312-6199  
*Med Sch Affil:* M-01102  
*Specialty:* FOP  
*Institution ID:* 11-0524

**Gainesville**

**University of Florida College of Medicine**

PO Box 100215  
 Gainesville, FL 32610-0215  
*Med Sch Affil:* M-01103  
*Specialty:* AN, APM, CCA, CCP, CD, CHP, D, DR, END, FP, GE, GS, HEM, HMP, HSO, ID, IM, IMG, MPD, N, NEP, NM, NP, NPM, NR, NS, OAR, OBG, OMO, ON, OPH, ORS, OSM, OSS, OTO, P, PCC, PCP, PD, PDC, PDE, PDR, PDR, PG, PHO, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
**Institution ID: 11-9501**

**Jacksonville**

**Naval Hospital (Jacksonville)**

2080 Child St  
 Jacksonville, FL 32214-5227  
*Med Sch Affil:* L-02312, L-01103  
*Specialty:* FP  
**Institution ID: 11-0256**

**Nemours Children's Clinic (UFHSC/J)**

807 Nira St  
 Jacksonville, FL 32207  
*Med Sch Affil:* L-01103  
*Specialty:* OP  
**Institution ID: 11-0478**

**St Vincent's Medical Center**

1800 Barrs St  
 Jacksonville, FL 32204  
*Med Sch Affil:* G-01103  
*Specialty:* FP  
**Institution ID: 11-0148**

**University Medical Center (UFHSC/J)**

655 W Eighth St  
 Jacksonville, FL 32209-6597  
*Med Sch Affil:* M-01103, L-02312  
*Specialty:* CCP, CD, DR, EM, END, FP, GE, GS, ID, IM, OBG, ON, ORS, PCP, PD, PTH, RNR  
**Institution ID: 11-0486**

**Miami**

**Baptist Hospital of Miami**

8900 N Kendall Dr  
 Miami, FL 33176  
*Specialty:* VIR  
**Institution ID: 11-0511**

**Metropolitan Dade County Office of Medical Examiner**

Number One on Bob Hope Rd  
 Miami, FL 33136-1133  
*Specialty:* FOP  
**Institution ID: 11-0496**

**Miami Children's Hospital**

3100 S W 62 Ave  
 Miami, FL 33155-3098  
*Med Sch Affil:* L-01102  
*Specialty:* CCP, PD, PDR  
**Institution ID: 11-0311**

**University of Miami-Jackson Memorial Medical Center**

1611 NW 12th Ave  
 Miami, FL 33136  
*Med Sch Affil:* M-01102, L-02312  
*Specialty:* AN, APM, CCA, CCM, CCP, CCS, CD, CHN, CHP, D, DR, EM, END, FP, GE, GS, HO, HSO, ID, IM, IMG, MPD, N, NEP, NM, NPM, NS, OBG, OP, OPH, ORS, OSM, OSS, OTO, P, PCC, PCP, PD, PDC, PDR, PIP, PM, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR  
**Institution ID: 11-0314**

**Miami Beach**

**Mount Sinai Medical Center of Greater Miami**

4300 Alton Rd  
 Miami Beach, FL 33140  
*Med Sch Affil:* L-01102  
*Specialty:* CD, DR, GS, IM, PTH  
**Institution ID: 11-0101**

**Orlando**

**Arnold Palmer Hospital for Children and Women**

Med Ed Administration MP #7  
 92 W Miller St  
 Orlando, FL 32806  
*Specialty:* PD  
**Institution ID: 11-8095**

**Florida Hospital**

601 E Rollins St  
 Orlando, FL 32803-1273  
*Med Sch Affil:* L-01104, L-00512  
*Specialty:* FP  
**Institution ID: 11-0513**

**Orlando Regional Healthcare System-ORMC Division**

Office of the Medical Examiner  
 District 9  
 1401 Lucerne Terrace  
 Orlando, FL 32806  
*Specialty:* FOP  
**Institution ID: 11-8018**

**Orlando Regional Medical Center**

Medical Education Admin MP #7  
 1414 Kuhl Ave  
 Orlando, FL 32806-2093  
*Med Sch Affil:* L-01103  
*Specialty:* CRS, EM, GS, IM, OBG, ORS, PTH  
**Institution ID: 11-0258**

**Pensacola**

**Naval Aerospace and Operational Medical Institute**

220 Hovey Rd  
 Pensacola, FL 32508-1047  
*Med Sch Affil:* L-02312  
*Specialty:* AM  
**Institution ID: 11-0108**

**Naval Hospital (Pensacola)**

6000 W Hwy 98  
 Pensacola, FL 32512-0003  
*Med Sch Affil:* L-02312  
*Specialty:* FP  
**Institution ID: 11-0159**

**Sacred Heart Hospital of Pensacola**

5149 N Ninth Ave Ste 306  
 Pensacola, FL 32504  
*Med Sch Affil:* G-01103  
*Specialty:* PD  
**Institution ID: 11-0396**

**St Petersburg**

**Bayfront Medical Center**

701 6th St S  
 St Petersburg, FL 33701-4891  
*Med Sch Affil:* G-01104  
*Specialty:* FP, OBG  
**Institution ID: 11-0440**

**Tallahassee**

**Tallahassee Memorial Regional Medical Center**

Magnolia Dr and Miccosukee Rd  
 Tallahassee, FL 32308  
*Specialty:* FP  
**Institution ID: 11-0522**

**Tampa**

**Florida Blood Services**

3602 Spectrum Blvd  
 Tampa, FL 33612  
*Med Sch Affil:* L-01104  
*Specialty:* BBK  
**Institution ID: 11-8001**

**Hillsborough County Medical Examiner Department**

401 S Morgan St  
 Tampa, FL 33602  
*Specialty:* FOP  
**Institution ID: 11-8094**

**Shriners Hospital for Crippled Children (Tampa)**

12502 N Pine Dr  
 Tampa, FL 33612-9499  
*Med Sch Affil:* L-01104, G-03519, G-02101  
*Specialty:* OP  
**Institution ID: 11-8002**

**Tampa General Healthcare**

PO Box 1289  
 Tampa, FL 33601-1289  
*Med Sch Affil:* M-01104  
*Specialty:* HSO  
**Institution ID: 11-0726**

**University of South Florida College of Medicine**

12901 Bruce B Downs Blvd PO Box 66  
 Tampa, FL 33612-4799  
*Med Sch Affil:* M-01104  
*Specialty:* AI, ALI, AN, APM, CCA, CCM, CD, CHP, D, DMP, DR, END, GE, GS, HO, ID, IM, IMG, N, NEP, NPM, NS, OBG, OM, OPH, OTO, P, PD, PDE, PS, PTH, PUD, RHU, RNR, U, VS  
**Institution ID: 11-0184**

**West Palm Beach**

**Palm Beach County Public Health Unit**

PO Box 29  
 West Palm Beach, FL 33402  
*Specialty:* PH  
**Institution ID: 11-0729**

**Georgia**

**Albany**

**Phoebe Putney Memorial Hospital**

417 Third Ave  
 PO Box 1828  
 Albany, GA 31702-1828  
*Med Sch Affil:* L-01222  
*Specialty:* FP  
**Institution ID: 12-0315**

**Atlanta****Centers for Disease Control and Prevention**

1600 Clifton Rd Mail Stop C-08  
Atlanta, GA 30333-4016  
*Med Sch Affil:* L-01221  
*Specialty:* MPH  
*Institution ID:* 12-0491

**Emory University School of Medicine**

318 WHSCAB  
1440 Clifton Rd NE  
Atlanta, GA 30322  
*Med Sch Affil:* M-01205  
*Specialty:* AI, AN, APM, BBK, CCP, CD, CHN, CHP, D, DMP, DR, EM, END, FOP, GE, GS, HMP, HO, ID, IM, IMG, MPH, N, NEP, NM, NP, NPM, NR, NS, OBG, OPH, ORS, OTO, P, PCC, PCP, PD, PDC, PDE, PDR, PHO, PM, PS, PTH, RHU, RNR, RO, TS, TY, U, VIR, VS  
*Institution ID:* 12-0490

**Emory University School of Public Health**

1599 Clifton Rd NE  
Atlanta, GA 30329  
*Specialty:* OM  
*Institution ID:* 12-9501

**Georgia Baptist Medical Center**

303 Parkway Dr NE  
Atlanta, GA 30312  
*Med Sch Affil:* M-01201  
*Specialty:* FP, GS, IM, OBG, ORS, TY  
*Institution ID:* 12-0198

**Morehouse School of Medicine**

720 Westview Dr SW  
Atlanta, GA 30310-1495  
*Med Sch Affil:* M-01221  
*Specialty:* FP, GS, IM, MPH, P  
*Institution ID:* 12-0499

**Scottish Rite Children's Medical Center**

1001 Johnson Ferry Rd NE  
Atlanta, GA 30342-1600  
*Med Sch Affil:* G-01205  
*Specialty:* OP  
*Institution ID:* 12-0111

**Augusta****Medical College of Georgia Hospital and Clinics**

1120 15th St  
Augusta, GA 30912-5000  
*Med Sch Affil:* M-01201  
*Specialty:* AI, ALI, AN, BBK, CCP, CD, CHN, CHP, D, DR, EM, END, FP, GE, GS, HO, ID, IM, N, NEP, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PD, PDC, PS, PTH, RHU, RNR, RO, TS, TY, U  
*Institution ID:* 12-0391

**Columbus****Hughston Sports Medicine Foundation**

PO Box 9517  
Columbus, GA 31908-9517  
*Specialty:* OSM  
*Institution ID:* 12-8023

**The Medical Center Inc**

710 Center St  
Columbus, GA 31902  
*Med Sch Affil:* L-01222, L-01201  
*Specialty:* FP, TY  
*Institution ID:* 12-0209

**Fort Benning****Martin Army Community Hospital**

US Army Medical Dept Activity  
Bldg 9200  
Marne Rd  
Fort Benning, GA 31905-6100  
*Med Sch Affil:* L-02312  
*Specialty:* FP  
*Institution ID:* 12-0357

**Fort Gordon****Dwight David Eisenhower Army Medical Center**

Graduate Medical Education  
Fort Gordon, GA 30905-5650  
*Med Sch Affil:* M-01201, L-02312  
*Specialty:* FP, GS, IM, ORS, P, PTH, TY  
*Institution ID:* 12-0492

**Macon****Medical Center of Central Georgia**

777 Hemlock  
PO Box 6000  
Macon, GA 31208-6000  
*Med Sch Affil:* M-01222  
*Specialty:* FP, GS, IM, OBG, P, PD, TY  
*Institution ID:* 12-0266

**Rome****Floyd Medical Center**

Turner McCall Blvd  
PO Box 233  
Rome, GA 30162-0233  
*Med Sch Affil:* L-01222  
*Specialty:* FP  
*Institution ID:* 12-0402

**Savannah****Memorial Medical Center**

PO Box 23089  
Savannah, GA 31403-3089  
*Med Sch Affil:* M-01222, M-01201  
*Specialty:* DR, FP, GS, IM, OBG  
*Institution ID:* 12-0362

**Hawaii****Honolulu****University of Hawaii at Manoa School of Public Health**

1960 East-West Rd D-209  
Honolulu, HI 96822-2319  
*Specialty:* GPM  
*Institution ID:* 14-0433

**University of Hawaii John A Burns School of Medicine**

1960 East-West Rd  
Bio-Med T-101  
Honolulu, HI 96822  
*Med Sch Affil:* M-01401  
*Specialty:* CCS, CHP, FP, GS, IM, IMG, NPM, OBG, OP, ORS, P, PD, PTH, TY  
*Institution ID:* 14-0439

**Tripler AMC****Tripler Army Medical Center**

Tripler Army Medical Center  
Attn: Graduate Medical Education  
Tripler AMC, HI 96859-5000  
*Med Sch Affil:* M-02312, M-01401  
*Specialty:* CHP, DR, FP, GS, IM, OBG, ORS, OTO, P, PD, PTH, TY, U  
*Institution ID:* 14-0426

**Idaho****Boise****Family Practice Residency of Idaho**

777 N Raymond  
Boise, ID 83704  
*Specialty:* FP  
*Institution ID:* 15-0714

**Veterans Affairs Medical Center (Boise)**

500 W Fort St  
Boise, ID 83702-4598  
*Med Sch Affil:* G-05404  
*Specialty:* IMG  
*Institution ID:* 15-0712

**Pocatello****Idaho State University**

Campus Box 8357  
Pocatello, ID 83209-8357  
*Med Sch Affil:* M-05404  
*Specialty:* FP  
*Institution ID:* 15-8001

**Illinois****Berwyn****MacNeal Memorial Hospital**

3249 S Oak Park Ave  
Berwyn, IL 60402  
*Med Sch Affil:* M-01643, G-01611  
*Specialty:* FP, TY  
*Institution ID:* 16-0453

**Chicago****Columbus Hospital**

2520 N Lakeview Ave  
Chicago, IL 60614-1895  
*Med Sch Affil:* M-01606, L-01643, G-01611  
*Specialty:* GS, IM, OBG, PD, TY  
*Institution ID:* 16-0334

**Cook County Hospital**

1835 W Harrison St  
Chicago, IL 60612-9985  
*Med Sch Affil:* M-01642, M-01611, M-01601, G-01643, G-01606  
*Specialty:* AN, CD, CRS, D, DR, EM, END, FP, GE, HEM, IM, MPD, NP, NPM, OBG, OM, ON, OPH, PCC, PD, PTH, TY  
*Institution ID:* 16-0164

**Edgewater Medical Center**

5700 N Ashland  
Chicago, IL 60660  
*Specialty:* IM  
*Institution ID:* 16-0321

**Illinois Masonic Medical Center**

836 W Wellington Ave  
Chicago, IL 60657-5193  
*Med Sch Affil:* M-01611, M-01601, L-01642, G-01643  
*Specialty:* AN, CD, DR, IM, OBG, TY  
*Institution ID:* 16-0411

**Jackson Park Hospital**

7531 S Stony Island Ave  
Chicago, IL 60649-3913  
*Specialty:* FP  
*Institution ID:* 16-0354

**Louis A Weiss Memorial Hospital**

4646 N Marine Dr  
Chicago, IL 60640  
*Med Sch Affil:* M-01602  
*Specialty:* IM, TY  
*Institution ID:* 16-0123

**Mercy Hospital and Medical Center**

Stevenson Expressway at King Dr  
Chicago, IL 60616-2477  
*Med Sch Affil:* M-01643, M-01611, L-01602, G-01606  
*Specialty:* IM, OBG  
*Institution ID:* 16-0329

**Mount Sinai Hospital Medical Center of Chicago**

California Ave at 15th St  
Chicago, IL 60608-1797  
*Med Sch Affil:* M-01642, G-01602  
*Specialty:* OBG, PM  
*Institution ID:* 16-0339

**Northwestern University Medical School**

303 E Chicago Ave  
Chicago, IL 60611-3008  
*Med Sch Affil:* M-01606, L-02312  
*Specialty:* AI, ALL, AN, APM, CCA, CCP, CD, CHN, CHP, D, DR, EM, END, GE, GS, HO, ID, IM, IMG, MM, N, NEP, NM, NPM, NR, NS, OBG, OP, OPH, ORS, OTO, P, PCC, PCP, PD, PDC, PDE, PDR, PDS, PHO, PM, PN, PS, PTH, RHU, RNR, RO, SPS, TS, TY, U, VIR, VS  
*Institution ID:* 16-9502

**Office of the Medical Examiner of Cook County**

2121 W Harrison St  
Chicago, IL 60612-3705  
*Med Sch Affil:* G-01643  
*Specialty:* FOP  
*Institution ID:* 16-0502

**Ravenswood Hospital Medical Center**

4550 N Winchester Ave  
Chicago, IL 60640-5205  
*Med Sch Affil:* M-01611  
*Specialty:* IM, TY  
*Institution ID:* 16-0115

**Resurrection Medical Center**

7435 W Talcott Ave  
Chicago, IL 60631  
*Med Sch Affil:* M-01643, L-01642  
*Specialty:* FP, TY  
*Institution ID:* 16-0121

**Rush Medical College**

600 S Paulina  
Chicago, IL 60612  
*Specialty:* AI, CCP  
*Institution ID:* 16-0749

**Rush-Presbyterian-St Luke's Medical Center**

1653 W Congress Pkwy  
Chicago, IL 60612-3833  
*Med Sch Affil:* M-01601  
*Specialty:* AN, CCM, CD, CHF, D, DR, END, FP, GE, GS, HEM, HSP, ID, IM, IMG, MPD, N, NEP, NM, NR, NS, OBG, ON, OPH, ORS, OSM, OSS, OTO, P, PCC, PD, PM, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 16-0278

**Shriners Hospital for Crippled Children (Chicago)**

2211 N Oak Park Ave  
Chicago, IL 60635-3392  
*Med Sch Affil:* L-01606, L-01602, G-01643, G-01611, G-01601  
*Specialty:* OP  
*Institution ID:* 16-0312

**St Elizabeth's Hospital**

1431 N Claremont Ave  
Chicago, IL 60622  
*Specialty:* FP  
*Institution ID:* 16-0143

**St Joseph Health Care Centers and Hospital**

2900 N Lake Shore Dr  
Chicago, IL 60657-6274  
*Med Sch Affil:* M-01606, G-01643, G-01611  
*Specialty:* FP, IM, OBG  
*Institution ID:* 16-0310

**St Mary of Nazareth Hospital Center**

Medical Affairs Office  
Attn: Mary Lu Echevarria  
2233 W Division St  
Chicago, IL 60622-3086  
*Specialty:* FP  
*Institution ID:* 16-0133

**University of Chicago Hospitals**

5841 S Maryland Ave  
Chicago, IL 60637-1470  
*Med Sch Affil:* M-01602, G-01611  
*Specialty:* AN, BBK, CCM, CD, CHN, CHP, D, DMP, DR, EM, END, GS, HMP, HO, HSO, IM, IMG, MPD, N, NEP, NP, NS, OBG, OMO, OPH, ORS, OSM, OTO, P, PD, PG, PS, PTH, PUD, RHU, RNR, RO, SPS, TS, U, VS  
*Institution ID:* 16-0465

**University of Illinois College of Medicine at Chicago**

1853 W Polk St  
MC 784  
Chicago, IL 60612  
*Med Sch Affil:* M-01611  
*Specialty:* AN, APM, CD, CHF, D, DR, EM, END, FP, GE, GS, HMP, HO, ID, IM, IMG, MEM, MPD, MPM, N, NEP, NM, NPM, NR, NS, OBG, OM, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PM, PS, PTH, RHU, RNR, TS, U  
*Institution ID:* 16-8016

**Wyler Children's Hospital at the University of Chicago**

5841 S Maryland Ave  
Chicago, IL 60637  
*Med Sch Affil:* M-01602  
*Specialty:* CCP, NPM, PDE, PDS, PHO  
*Institution ID:* 16-0763

**Evanston****St Francis Hospital of Evanston**

355 Ridge Ave  
Evanston, IL 60202-3399  
*Med Sch Affil:* M-01611, G-01643  
*Specialty:* CD, DR, HEM, IM, OBG, ON, TY  
*Institution ID:* 16-0168

**Hinsdale****Hinsdale Hospital**

120 N Oak St  
Hinsdale, IL 60521-3829  
*Med Sch Affil:* L-01642, L-01601, L-00512, G-01643, G-01611  
*Specialty:* FP  
*Institution ID:* 16-0369

**LaGrange****LaGrange Memorial Health System**

5101 Willow Springs Rd  
LaGrange, IL 60525-9998  
*Med Sch Affil:* L-01602, L-01601  
*Specialty:* FP  
*Institution ID:* 16-0175

**Maywood****Foster G McGaw Hospital-Loyola University of Chicago**

2160 S First Ave  
Maywood, IL 60153-5589  
*Med Sch Affil:* M-01643  
*Specialty:* AN, CD, CHN, DR, END, GE, GS, HEM, HMP, ID, IM, IMG, MPD, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PCP, PD, PDE, PM, PS, PTH, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 16-0498

**North Chicago****Finch University of Health Sciences/Chicago Medical School**

3333 Green Bay Rd  
North Chicago, IL 60064  
*Med Sch Affil:* M-01642  
*Specialty:* CCM, CD, END, FP, GE, GS, HO, ID, IM, IMG, N, P, PUD, TY  
*Institution ID:* 16-0748

**Oak Lawn****EHS Christ Hospital and Medical Center**

4440 W 95th St  
Oak Lawn, IL 60453-4213  
*Med Sch Affil:* M-01611, L-01642, L-01601  
*Specialty:* CD  
*Institution ID:* 16-0303

**Oak Park****West Suburban Hospital Medical Center**

Erie at Austin  
Oak Park, IL 60302  
*Med Sch Affil:* L-01601  
*Specialty:* FP, IM, TY  
*Institution ID:* 16-0454

**Park Ridge****Lutheran General Hospital**

1775 Dempster St  
Park Ridge, IL 60068-1174  
*Med Sch Affil:* M-01602, G-01643, G-01606  
*Specialty:* CCP, CD, FP, PPG, GE, IM, NPM, OBG, P, PD, PTH  
*Institution ID:* 16-0484

**Peoria****St Francis Medical Center**

530 NE Glen Oak Ave  
Peoria, IL 61637  
*Med Sch Affil:* M-01611  
*Specialty:* MPD  
*Institution ID:* 16-0398

**University of Illinois College of Medicine at Peoria**

Office of Graduate Medical Educ  
One Illini Dr  
PO Box 1649  
Peoria, IL 61656  
*Specialty:* DR, EM, FP, GS, IM, N, NS, OBG, PD  
*Institution ID:* 16-0751

**Rockford****University of Illinois College of Medicine at Rockford**

1601 Parkview Ave  
Rockford, IL 61107-1897  
*Specialty:* FP  
*Institution ID:* 16-0504

**Scott AFB****USAF Medical Center (Scott) (SGE)**

Scott AFB, IL 62225-5300  
*Med Sch Affil:* L-02312  
*Specialty:* FP, TY  
*Institution ID:* 16-0476

**Springfield****Illinois Department of Public Health**

535 W Jefferson St  
Springfield, IL 62761  
*Med Sch Affil:* G-01645  
*Specialty:* PH  
*Institution ID:* 16-0187

**Southern Illinois University School of Medicine**

800 N Rutledge D332  
PO Box 19230  
Springfield, IL 62794-9230  
*Med Sch Affil:* M-01645  
*Specialty:* DR, END, FP, GE, GS, ID, IM, MP, MPD, N, OBG, OPH, ORS, OSS, OTO, P, PD, PS, PUD, SPS, U, VS  
*Institution ID:* 16-0512

**Urbana****Carle Foundation Hospital**

611 W Park St  
Urbana, IL 61801-2595  
*Med Sch Affil:* M-01611  
*Specialty:* CRS, FP  
*Institution ID:* 16-0146

**University of Illinois College of Medicine at Urbana**

190 Medical Sciences Bldg  
506 S Mathews  
Urbana, IL 61801  
*Med Sch Affil:* M-01611  
*Specialty:* IM  
*Institution ID:* 16-0752

**Wheaton****Rehabilitation Foundation Inc**

PO Box 389  
26 W 171 Roosevelt Rd  
Wheaton, IL 60189  
*Specialty:* PM  
*Institution ID:* 16-9033

**Indiana****Beech Grove****St Francis Hospital and Health Centers**

1600 Albany St  
Beech Grove, IN 46107-1593  
*Med Sch Affil:* L-01720  
*Specialty:* FP  
*Institution ID:* 17-0125

**Evansville****Deaconess Hospital**

600 Mary St  
Evansville, IN 47747  
*Med Sch Affil:* L-01720  
*Specialty:* FP  
*Institution ID:* 17-0708

**St Mary's Medical Center**

3700 Washington Ave  
Evansville, IN 47750  
*Med Sch Affil:* L-01720  
*Specialty:* FP  
*Institution ID:* 17-0424

**Fort Wayne****Fort Wayne Medical Education Program**

2448 Lake Ave  
Fort Wayne, IN 46805  
*Specialty:* FP, TY  
*Institution ID:* 17-0446

**Lutheran Hospital of Indiana**

7950 W Jefferson Blvd  
Fort Wayne, IN 46804  
*Med Sch Affil:* L-01720  
*Specialty:* ORS  
*Institution ID:* 17-0228

**Gary****Northwest Center for Medical Education**

Indiana Univ School of Medicine  
3400 Broadway  
Gary, IN 46408-1197  
*Specialty:* FP  
*Institution ID:* 17-8006

**Indianapolis****Community Hospitals of Indianapolis**

1500 N Ritter Ave  
Indianapolis, IN 46219-0805  
*Med Sch Affil:* M-01720  
*Specialty:* FP  
*Institution ID:* 17-0710

**Indiana Hand Center**

8501 Harcourt Rd  
Indianapolis, IN 46260  
*Specialty:* HSO  
*Institution ID:* 17-8007

**Indiana University Medical Center**

I U School of Medicine  
Fesler Hall Rm 207  
1120 South Dr  
Indianapolis, IN 46202-5114  
*Med Sch Affil:* M-01720  
*Specialty:* AN, APM, BBK, CD, CHN, CHP, D, DMP, DR, END, FP, GE, GS, HMP, HO, ID, IM, IMG, MM, MPD, N, NEP, NM, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PCP, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PM, PN, PS, PTH, RHU, RNR, RO, TS, TY, U, VIR  
*Institution ID:* 17-0444

**Methodist Hospital of Indiana**

I-65 at 21st St  
PO Box 1367  
Indianapolis, IN 46206-1367  
*Med Sch Affil:* M-01720  
*Specialty:* CD, DR, EM, EMP, FP, GS, IM, MEM, MPD, NEP, OBG, OM, OSM, PD, PTH, PUD, TY, VIR  
*Institution ID:* 17-0217

**St Vincent Hospital and Health Care Center**

2001 W 86th St  
P O Box 40970  
Indianapolis, IN 46240  
*Med Sch Affil:* M-01720  
*Specialty:* FP, IM, OBG, TY  
*Institution ID:* 17-0421

**Muncie****Ball Memorial Hospital**

2401 University Ave  
Muncie, IN 47303-3499  
*Med Sch Affil:* L-01720  
*Specialty:* FP, IM, PTH, TY  
*Institution ID:* 17-0150

**South Bend****Memorial Hospital of South Bend**

615 N Michigan St  
South Bend, IN 46601-9986  
*Med Sch Affil:* L-01720  
*Specialty:* FP  
*Institution ID:* 17-0335

**St Joseph's Medical Center of South Bend**

801 E LaSalle St  
PO Box 1935  
South Bend, IN 46634-1935  
*Med Sch Affil:* L-01720  
*Specialty:* FP  
*Institution ID:* 17-0419

**Terre Haute****Union Hospital**

1606 N 7th St  
Terre Haute, IN 47804-2780  
*Med Sch Affil:* L-01720  
*Specialty:* FP  
*Institution ID:* 17-0709

**Iowa****Cedar Rapids****St Luke's Methodist Hospital**

PO Box 3026  
Cedar Rapids, IA 52406-3026  
*Specialty:* FP  
*Institution ID:* 18-0417

**Davenport****Genesis Medical Center**

1227 E Rusholme  
Davenport, IA 52803  
*Specialty:* FP  
*Institution ID:* 18-8001

**Des Moines****Broadlawns Medical Center**

1801 Hickman Rd  
Des Moines, IA 50314-1597  
*Med Sch Affil:* L-01803  
*Specialty:* FP, TY  
*Institution ID:* 18-0240

**Iowa Lutheran Hospital**

700 E University  
Des Moines, IA 50316-2392  
*Med Sch Affil:* L-01803  
*Specialty:* FP  
*Institution ID:* 18-0496



**Iowa Methodist Medical Center**

1200 Pleasant St  
Des Moines, IA 50309-9976  
*Med Sch Affil:* L-01803  
*Specialty:* GS, IM, PD, TY  
*Institution ID:* 18-0130

**Veterans Affairs Medical Center (Des Moines)**

3600 30th St  
Des Moines, IA 50310-5774  
*Med Sch Affil:* L-01803  
*Specialty:* GS  
*Institution ID:* 18-0226

**Iowa City****University of Iowa Hospitals and Clinics**

200 Hawkins Dr  
Iowa City, IA 52242-1009  
*Med Sch Affil:* M-01803  
*Specialty:* AI, ALI, AN, APM, BBK, CCA, CD, CHN, CHP, D, DR, END, FP, FPG, GE, GS, HMP, HO, HSO, ID, IM, MP, N, NEP, NM, NP, NPM, NR, NS, OBG, OM, OP, OPH, ORS, OTO, P, PCC, PCP, PD, PDC, PDE, PDP, PDR, PHO, PIP, PN, PTH, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 18-0415

**Mason City****North Iowa Mercy Health Center**

84 Beaumont Dr  
Mason City, IA 50401-2999  
*Med Sch Affil:* L-01803  
*Specialty:* FP  
*Institution ID:* 18-0705

**Sioux City****St Luke's Regional Medical Center**

2720 Stone Park Blvd  
Sioux City, IA 51104-9989  
*Med Sch Affil:* L-01803  
*Specialty:* FP  
*Institution ID:* 18-0710

**Waterloo****Covenant Medical Center-West Ninth**

3421 W Ninth St  
Waterloo, IA 50702-5499  
*Med Sch Affil:* L-01803  
*Specialty:* FP  
*Institution ID:* 18-0715

**Kansas****Kansas City****University of Kansas School of Medicine**

3901 Rainbow Blvd  
Kansas City, KS 66160-7300  
*Med Sch Affil:* M-01902  
*Specialty:* AI, AN, CD, CHN, CHP, D, DR, END, FP, GE, GS, HEM, HSP, ID, IM, IMG, MP, MPD, N, NEP, NM, NR, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PM, PS, PTH, RHU, RO, TS, U, VS  
*Institution ID:* 19-9501

**Salina****Salina Health Education Foundation**

130 W Claffin  
PO Box 1757  
Salina, KS 67402-1757  
*Specialty:* FP  
*Institution ID:* 19-0521

**Topeka****Kansas Medical Education Foundation**

1505 SW Eighth St  
Topeka, KS 66606-1630  
*Specialty:* FP  
*Institution ID:* 19-8002

**Menninger Clinic**

PO Box 829  
Topeka, KS 66601-0829  
*Specialty:* CHP, P  
*Institution ID:* 19-8005

**Wichita****University of Kansas School of Medicine (Wichita)**

1010 N Kansas  
Wichita, KS 67214-3199  
*Med Sch Affil:* M-01902  
*Specialty:* AN, DR, FP, GS, IM, OBG, ORS, P, PD  
*Institution ID:* 19-0511

**Kentucky****Edgewood****St Elizabeth Medical Center**

One Medical Village Dr  
Edgewood, KY 41017-3422  
*Med Sch Affil:* L-03841, G-02012  
*Specialty:* FP  
*Institution ID:* 20-0463

**Lexington****Shriners Hospital for Crippled Children (Lexington)**

1900 Richmond Rd  
Lexington, KY 40502-1298  
*Med Sch Affil:* G-02012  
*Specialty:* OP  
*Institution ID:* 20-0284

**University Hospital-Albert B Chandler Medical Center**

800 Rose St N-106  
Lexington, KY 40536-0084  
*Med Sch Affil:* M-02012  
*Specialty:* AI, AN, APM, CCM, CD, CHP, CPP, DR, END, FP, GE, GPM, GS, HEM, ID, IM, IMG, MPD, N, NEP, NM, NPM, NS, OBG, OM, ON, OPH, ORS, OSM, OTO, P, PCP, PD, PM, PS, PTH, PUD, RHU, RO, TS, U, VS  
*Institution ID:* 20-0505

**University of Kentucky College of Medicine**

800 Rose St N-106  
Lexington, KY 40536-0084  
*Med Sch Affil:* M-02012  
*Specialty:* FP  
*Institution ID:* 20-0513

**Louisville****American Red Cross Blood Services Louisville Region**

520 E Chestnut St  
Louisville, KY 40202  
*Specialty:* BBK  
*Institution ID:* 20-8020

**Kosair Children's Hospital (Alliant Health System)**

315 E Broadway  
PO Box 35070  
Louisville, KY 40232-5070  
*Med Sch Affil:* M-02002  
*Specialty:* PDR  
*Institution ID:* 20-0345

**University of Louisville School of Medicine**

House Staff Office  
Abell Administration Ctr Rm 518  
Louisville, KY 40292  
*Med Sch Affil:* M-02002  
*Specialty:* AN, CD, CHP, D, DR, EM, END, FOP, FP, GE, GS, HMP, HO, HSS, ID, IM, MPD, N, NEP, NPM, NS, OBG, OPH, ORS, OTO, P, PCP, PD, PM, PS, PTH, PUD, RHU, RO, TS, U  
*Institution ID:* 20-0507

**Madisonville****Trover Clinic Foundation**

435 N Kentucky Ave  
Madisonville, KY 42431  
*Specialty:* FP  
*Institution ID:* 20-8021

**Louisiana****Baton Rouge****Baton Rouge General Medical Center**

3600 Florida St  
PO Box 2511  
Baton Rouge, LA 70821-2511  
*Med Sch Affil:* M-02105  
*Specialty:* FP  
*Institution ID:* 21-7005

**Earl K Long Medical Center**

5825 Airline Hwy  
Baton Rouge, LA 70805-2498  
*Med Sch Affil:* M-02105  
*Specialty:* EM, FP, IM, PD  
*Institution ID:* 21-0491

**Lafayette****University Medical Center (Lafayette)**

2390 W Congress  
PO Box 4016-C  
Lafayette, LA 70502-4016  
*Med Sch Affil:* M-02105  
*Specialty:* FP, IM  
*Institution ID:* 21-0380

**Monroe****E A Conway Medical Center**

PO Box 1881  
4864 Jackson St  
Monroe, LA 71210-1881  
*Med Sch Affil:* G-02106  
*Specialty:* FP  
*Institution ID:* 21-0344

**New Orleans****Alton Ochsner Medical Foundation**

Graduate Medical Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
*Med Sch Affil:* M-02105, G-02101  
*Specialty:* AN, CD, CRS, DR, END, FP, GE, GS, ID, IM, OBG, ON, OPH, ORS, P, PTH, PUD, RHU, TS, U, VS  
*Institution ID:* 21-0381

**Childrens Hospital**

200 Henry Clay Ave  
New Orleans, LA 70118  
*Med Sch Affil:* M-02105, G-02101  
*Specialty:* PDR  
*Institution ID:* 21-0731

**Louisiana State University School of Medicine**

1542 Tulane Ave  
New Orleans, LA 70112-2822  
*Med Sch Affil:* M-02105  
*Specialty:* AI, AN, BBK, CD, CHN, CHF, D, DR, EM, END, GE, GS, HEM, HSP, ID, IM, MEM, MPD, MPM, N, NEP, NPM, NS, OBG, ON, OP, OPH, ORS, OSM, OTO, P, PCC, PCP, PD, PHO, PM, PS, PTH, RHU, TY, VS  
*Institution ID:* 21-9502

**Tulane Univ School of Public Health and Tropical Medicine**

1501 Canal St  
New Orleans, LA 70112-2699  
*Specialty:* GPM  
*Institution ID:* 21-0493

**Tulane University School of Medicine**

1430 Tulane Ave  
PO Box SL77  
New Orleans, LA 70112-2699  
*Med Sch Affil:* M-02101, L-02312  
*Specialty:* AI, AN, CCM, CD, CHN, CHF, D, DMP, DR, END, GE, GS, HO, ID, IM, MN, MP, MPD, N, NEP, NS, OBG, OPH, ORS, OSM, OTO, P, PD, PDC, PDP, PN, PS, PTH, PUD, TS, TY, U  
*Institution ID:* 21-9501

**Shreveport****Louisiana State University Medical Center-Shreveport**

1501 Kings Hwy  
PO Box 33932  
Shreveport, LA 71130-3932  
*Med Sch Affil:* M-02106  
*Specialty:* AI, AN, CCM, CD, CRS, DR, END, FP, GE, GS, HO, ID, IM, MPD, NEP, NPM, OBG, OPH, ORS, OTO, PCC, PD, PTH, RHU, TY, U  
*Institution ID:* 21-0722

**Louisiana State University School of Medicine in Shreveport**

PO Box 33932  
1501 Kings Hwy  
Shreveport, LA 71130-3932  
*Med Sch Affil:* M-02106, L-02312  
*Specialty:* P  
*Institution ID:* 21-9503

**Maine****Augusta****Kennebec Valley Medical Center**

6 E Chestnut St  
Augusta, ME 04330  
*Med Sch Affil:* L-03201  
*Specialty:* FP  
*Institution ID:* 22-0100

**Bangor****Eastern Maine Medical Center**

489 State St  
Bangor, ME 04401  
*Med Sch Affil:* L-02407  
*Specialty:* FP  
*Institution ID:* 22-0191

**Lewiston****Central Maine Medical Center**

300 Main St  
Lewiston, ME 04240-0001  
*Med Sch Affil:* L-02405  
*Specialty:* FP  
*Institution ID:* 22-0116

**Portland****Maine Medical Center**

22 Bramhall St  
Portland, ME 04102-3175  
*Med Sch Affil:* M-05002  
*Specialty:* AN, CD, CHF, DR, END, FP, GS, ID, IM, NEP, OBG, P, PCC, PD  
*Institution ID:* 22-0384

**Maryland****Aberdeen Proving Ground****US Army Center for Health Promotion and Preventive Medicine**

Attn: MCHB-CG  
Aberdeen Proving Ground, MD 21010-6422  
*Med Sch Affil:* G-02312  
*Specialty:* OM  
*Institution ID:* 23-0100

**Andrews AFB****89th Medical Group**

89th Medical Group/SGE  
1050 W Perimeter Rd Ste JB  
Andrews AFB, MD 20331-6600  
*Med Sch Affil:* M-02312  
*Specialty:* FP, P, TY  
*Institution ID:* 23-0216

**Baltimore****Franklin Square Hospital Center**

9000 Franklin Square Dr  
Baltimore, MD 21237-3998  
*Med Sch Affil:* L-02312, L-02307, L-02301  
*Specialty:* FP, IM, OBG  
*Institution ID:* 23-0122

**Good Samaritan Hospital of Maryland**

5601 Loch Raven Blvd  
Baltimore, MD 21239-2995  
*Med Sch Affil:* G-02307  
*Specialty:* IM  
*Institution ID:* 23-0522

**Greater Baltimore Medical Center**

6701 N Charles St  
Baltimore, MD 21204-6808  
*Med Sch Affil:* L-02301, G-02307  
*Specialty:* CRS, IM, OBG, OPH  
*Institution ID:* 23-0507

**Harbor Hospital Center**

3001 S Hanover St  
Baltimore, MD 21225-1290  
*Med Sch Affil:* L-02307, L-02301  
*Specialty:* CCM, IM, OBG, TY  
*Institution ID:* 23-0459

**Johns Hopkins University School of Hygiene/Public Health**

615 N Wolfe St  
Baltimore, MD 21205-2179  
*Med Sch Affil:* L-02307  
*Specialty:* GPM, OM  
*Institution ID:* 23-0503

**Johns Hopkins University School of Medicine**

720 Rutland Ave  
Baltimore, MD 21205-2195  
*Med Sch Affil:* M-02307, L-02312  
*Specialty:* AI, AN, APM, BBK, CCA, CCM, CCP, CCS, CD, CHN, CHP, D, DMP, DR, EM, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NP, NPM, NR, NS, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PIP, PM, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 23-0703

**Maryland General Hospital**

827 Linden Ave  
Baltimore, MD 21201-4681  
*Med Sch Affil:* L-02301  
*Specialty:* IM, OBG, OPH, TY  
*Institution ID:* 23-0147

**Maryland State Department of Health and Mental Hygiene**

201 W Preston St  
Baltimore, MD 21201-2399  
*Specialty:* PH  
*Institution ID:* 23-0494

**Office of the Chief Medical Examiner**

111 Penn St  
Baltimore, MD 21201  
*Med Sch Affil:* L-02307  
*Specialty:* FOP  
*Institution ID:* 23-0499

**Sheppard and Enoch Pratt Hospital**

6501 N Charles St  
PO Box 6815  
Baltimore, MD 21285-6815  
*Med Sch Affil:* G-02301  
*Specialty:* P  
*Institution ID:* 23-0397

**Sinai Hospital of Baltimore**

2401 W Belvedere Ave  
Baltimore, MD 21215-5271  
*Med Sch Affil:* M-02307, L-02301  
*Specialty:* IM, MPM, OBG, OPH, PD  
*Institution ID:* 23-0160

**St Agnes Hospital of the City of Baltimore**

900 S Caton Ave  
Baltimore, MD 21229-5299  
*Med Sch Affil:* L-02301, G-02307  
*Specialty:* GS, IM  
*Institution ID:* 23-0320

**Union Memorial Hospital**

201 E University Pkwy  
Baltimore, MD 21218-2895  
*Med Sch Affil:* M-02307, L-02301  
*Specialty:* GS, HSS, IM, OBG, ORS, OSM  
*Institution ID:* 23-0287

**University of Maryland Medical System**

22 S Greene St  
Baltimore, MD 21201-1559  
*Med Sch Affil:* M-02301, G-02307  
*Specialty:* AN, APM, CCA, CCM, CCS, CD, CHF, D, DR, EM, EMP, END, FP, GE, GS, HO, ID, IM, IMG, MEM, MPD, N, NEP, NPM, NS, OBG, OPH, ORS, OTO, P, PD, PDE, PTH, PUD, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 23-0247

**University of Maryland School of Medicine**

655 W Baltimore St  
Baltimore, MD 21201-1559  
*Med Sch Affil:* M-02301, L-02312  
*Specialty:* GPM  
*Institution ID:* 23-0513

**Bethesda****National Cancer Institute**

Bldg 10 Rm 12N-214  
9000 Rockville Pike  
Bethesda, MD 20892  
*Med Sch Affil:* L-02312  
*Specialty:* RO  
*Institution ID:* 23-8012

**National Naval Medical Center (Bethesda)**

8901 Wisconsin Ave  
Bethesda, MD 20814-5011  
*Med Sch Affil:* M-02312, M-01002, L-01001, G-01003  
*Specialty:* AN, CCM, CD, D, DR, END, GE, GS, HEM, HMP, ID, IM, N, NEP, NM, NS, OBG, ON, OPH, ORS, OTO, P, PCP, PD, PHO, PTH, PUD, TY, U  
*Institution ID:* 23-0275

**NIH Warren Grant Magnuson Clinical Center**

Bldg 10 Rm 1C129  
National Institutes of Health  
10 Center Dr MSC 1158  
Bethesda, MD 20892-1158  
*Med Sch Affil:* L-02312, L-01001, G-01002  
*Specialty:* AI, ALI, BBK, CCM, D, END, HEM, ID, ON, P, PCP, PDE, PTH, RHU  
*Institution ID:* 23-0204

**USUHS F Edward Herbert School of Medicine**

4301 Jones Bridge Road  
Bethesda, MD 20814-4799  
*Med Sch Affil:* M-02312  
*Specialty:* GPM, NPM, OM, PG  
*Institution ID:* 23-0714

**Cheverly****Prince George's Hospital Center**

3001 Hospital Dr  
Cheverly, MD 20785  
*Med Sch Affil:* L-02312, L-01001, G-01003  
*Specialty:* FP, IM  
*Institution ID:* 23-0142

**Massachusetts****Belmont****McLean Hospital**

115 Mill St  
Belmont, MA 02178  
*Med Sch Affil:* M-02401, L-02312  
*Specialty:* P  
*Institution ID:* 24-0230

**Beverly****Beverly Hospital**

Herrick St  
Beverly, MA 01915  
*Specialty:* FP  
*Institution ID:* 24-0232

**Boston****Beth Israel Hospital**

330 Brookline Ave  
Boston, MA 02215-5191  
*Med Sch Affil:* M-02401  
*Specialty:* AN, APM, CCA, CD, DR, END, GE, GS, HMP, HO, HSP, IM, IMG, NEP, OBG, PCP, PTH, VIR  
*Institution ID:* 24-0436

**Boston City Hospital**

818 Harrison Ave  
Admin 403  
Boston, MA 02118  
*Med Sch Affil:* M-02405, L-02407, L-02312  
*Specialty:* CHP, DR, EM, N, OBG, PCP, PD, PTH, VIR  
*Institution ID:* 24-0434

**Boston University Medical Center-University Hospital**

88 E Newton St  
Boston, MA 02118-2393  
*Med Sch Affil:* M-02405, L-02312  
*Specialty:* AN, CCS, D, DMP, GPM, GS, N, OM, OPH, ORS, OTO, P, PM, TS, U, VS  
*Institution ID:* 24-0186

**Boston University School of Medicine**

80 E Concord St  
Boston, MA 02118-2394  
*Med Sch Affil:* M-02405  
*Specialty:* CCM, CD, END, GE, HO, ID, IM, IMG, NEP, PUD, RHU  
*Institution ID:* 24-8026

**Brigham and Women's Hospital**

75 Francis St  
Boston, MA 02115  
*Med Sch Affil:* M-02401, L-02312, G-02101  
*Specialty:* AI, AN, APM, CCM, CD, DR, END, GE, GS, HEM, HMP, HSO, HSP, ID, IM, MPD, NEP, NM, NP, NR, OBG, ON, P, PCP, PS, PTH, PUD, RHU, RNR, SP, TS, U, VIR, VS  
*Institution ID:* 24-0438

**Carney Hospital**

2100 Dorchester Ave  
Boston, MA 02124-5666  
*Med Sch Affil:* M-02405, L-02407  
*Specialty:* GPM, IM, TY  
*Institution ID:* 24-0239

**Children's Hospital**

300 Longwood Ave  
Boston, MA 02115  
*Med Sch Affil:* M-02401, L-03515, G-03201, G-02416  
*Specialty:* AI, CCP, CHN, CHP, N, NPM, NS, OP, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PN, SP, UP  
*Institution ID:* 24-0152

**Eastern Massachusetts Medical Examiner's Office**

Boston University  
Dept of Pathology  
784 Massachusetts Ave  
Boston, MA 02118  
*Specialty:* FOP  
*Institution ID:* 24-8006

**Harvard School of Public Health**

677 Huntington Ave  
Boston, MA 02115  
*Specialty:* OM  
*Institution ID:* 24-0124

**Lemuel Shattuck Hospital**

Attn: Donneleen Bearde  
Medical Services  
170 Morton St  
Boston, MA 02130  
*Med Sch Affil:* M-02407  
*Specialty:* TY  
*Institution ID:* 24-0401

**Massachusetts Eye and Ear Infirmary**

243 Charles St  
Boston, MA 02114  
*Med Sch Affil:* M-02401  
*Specialty:* OPH, OTO  
*Institution ID:* 24-0155

**Massachusetts General Hospital**

Fruit St  
Boston, MA 02114  
*Med Sch Affil:* M-02401, L-02312  
*Specialty:* AI, ALI, AN, APM, BBK, CCA, CCM, CCP, CD, CHN, CHP, D, DMP, DR, END, GE, GS, HEM, HSO, HSP, ID, IM, MPD, N, NEP, NM, NP, NS, OMO, ON, OP, ORS, OSM, P, PCP, PD, PDE, PDP, PIR, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 24-0394

**New England Deaconess Hospital**

One Deaconess Road  
Boston, MA 02215-5399  
*Med Sch Affil:* M-02401, L-02312  
*Specialty:* CD, DR, END, GE, GS, HO, ID, IM, NR, PCC, PCP, PS, PTH, PUD, RO, TS, VIR, VS  
*Institution ID:* 24-0262

**New England Medical Center Hospitals**

750 Washington St  
Boston, MA 02111-9915  
*Med Sch Affil:* M-02407  
*Specialty:* AN, CD, CHN, CHP, CPP, DR, END, GE, GS, HO, HSO, ID, IM, N, NEP, NPM, NS, OBG, OPH, ORS, OSM, OTO, P, PCC, PD, PDS, PG, PM, PTH, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 24-0378

**Spaulding Rehabilitation Hospital**

125 Nashua St  
Boston, MA 02114  
*Specialty:* PM  
*Institution ID:* 24-8036

**St Elizabeth's Medical Center of Boston**

736 Cambridge St  
Boston, MA 02135-1111  
*Med Sch Affil:* M-02407  
*Specialty:* AN, CD, GE, GS, HEM, IM, ON, P, PCC  
*Institution ID:* 24-0211

**Brockton****Brockton Hospital**

680 Centre St  
Brockton, MA 02402-3395  
*Med Sch Affil:* M-02405  
*Specialty:* TY  
*Institution ID:* 24-0225

**Brockton-West Roxbury Veterans Affairs Medical Center**

940 Belmont St  
Brockton, MA 02401-5596  
*Med Sch Affil:* M-02401  
*Specialty:* P  
*Institution ID:* 24-0172

**Burlington****Lahey Clinic**

41 Mall Rd  
Burlington, MA 01805  
*Med Sch Affil:* L-02407, L-02401, G-02405  
*Specialty:* CD, CRS, DR, END, GS, IM, PS, RNR, U  
*Institution ID:* 24-0163

**Cambridge****Cambridge Hospital**

1493 Cambridge St  
Cambridge, MA 02139  
*Med Sch Affil:* M-02401, L-02407  
*Specialty:* CHP, IM, P, TY  
*Institution ID:* 24-0367

**Mount Auburn Hospital**

330 Mount Auburn St  
Cambridge, MA 02238  
*Med Sch Affil:* M-02401  
*Specialty:* DR, IM  
*Institution ID:* 24-0375

**Fitchburg****Burbank Hospital**

275 Nichols Rd  
Fitchburg, MA 01420-8209  
*Med Sch Affil:* G-02416  
*Specialty:* FP  
*Institution ID:* 24-0366

**Framingham****MetroWest Medical Center**

Framingham Union Campus  
115 Lincoln St  
Framingham, MA 01701  
*Med Sch Affil:* L-02416, L-02405  
*Specialty:* IM, TY  
*Institution ID:* 24-0162

**Lawrence****Greater Lawrence Family Health Center Inc**

Lawrence Family Practice Residency  
Gtr Lawrence Family Health Center  
34 Haverhill St  
Lawrence, MA 01841  
*Specialty:* FP  
*Institution ID:* 24-8072

**Malden****Malden Hospital**

100 Hospital Rd  
Malden, MA 02148-3591  
*Med Sch Affil:* M-02405  
*Specialty:* FP, TY  
*Institution ID:* 24-0188

**Newton Lower Falls****Newton-Wellesley Hospital**

2014 Washington St  
Newton Lower Falls, MA 02162  
*Med Sch Affil:* M-02407  
*Specialty:* IM, MPM  
*Institution ID:* 24-0448

**Pittsfield****Berkshire Medical Center**

725 North St  
Pittsfield, MA 01201  
*Med Sch Affil:* M-02416, L-03503  
*Specialty:* DR, GS, IM, P, PTH  
*Institution ID:* 24-0180

**Salem****Salem Hospital**

81 Highland Ave  
Salem, MA 01970-2768  
*Med Sch Affil:* L-02407, L-02405  
*Specialty:* IM  
*Institution ID:* 24-0287

**Springfield****Baystate Medical Center**

759 Chestnut St  
Springfield, MA 01199-9999  
*Med Sch Affil:* M-02407, L-02312, G-02405  
*Specialty:* AN, APM, CD, DR, EM, END, GS, HO, ID, IM, MPD, OBG, PD, PTH  
*Institution ID:* 24-0309

**Shriners Hospital for Crippled Children (Springfield)**

516 Carew St  
Springfield, MA 01104-2396  
*Med Sch Affil:* G-02405  
*Specialty:* OP  
*Institution ID:* 24-0388

**Stockbridge****Austen Riggs Center**

25 Main St  
Stockbridge, MA 01262-0962  
*Specialty:* P  
*Institution ID:* 24-0435

**Worcester****Medical Center of Central Massachusetts**

119 Belmont St  
Worcester, MA 01605-2982  
*Med Sch Affil:* M-02416  
*Specialty:* IM  
*Institution ID:* 24-0113

**St Vincent Hospital**

25 Winthrop St  
Worcester, MA 01604-4593  
*Med Sch Affil:* M-02416  
*Specialty:* CD, DR, IM  
*Institution ID:* 24-0361

**University of Massachusetts Medical Center**

55 Lake Ave N  
Worcester, MA 01655  
*Med Sch Affil:* M-02416, G-03201, G-02312  
*Specialty:* AN, CCA, CCM, CD, CHN, CHP, D, DR, EM, END, FP, GE, GPM, GS, HO, ID, IM, IMG, N, NEP, NPM, OBG, OM, ORS, OSM, P, PD, PS, PTH, PUD, RHU, RNR, TS, U, VIR, VS  
*Institution ID:* 24-0724

**University of Massachusetts Medical School**

55 Lake Ave N  
Worcester, MA 01655  
*Med Sch Affil:* M-02416, L-02312  
*Specialty:* NS  
*Institution ID:* 24-9501

**Michigan****Ann Arbor****St Joseph Mercy Hospital (Catherine McAuley Health System)**

PO Box 995  
RHB Ste R2112  
Ann Arbor, MI 48106  
*Med Sch Affil:* M-02501  
*Specialty:* GS, IM, OBG, TY  
*Institution ID:* 25-0487

**University of Michigan Hospitals**

Office of Clinical Affairs  
C201 Med Inn Box 0826  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0826  
*Med Sch Affil:* M-02501  
*Specialty:* AI, AN, APM, CCP, CCS, CD, CHN, CHP, D, DR, EM, END, FP, GE, GS, HEM, HMP, ID, IM, IMG, MPD, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PCP, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PM, PMP, PN, PS, PTH, RHU, RNR, RO, SPS, TS, U, UP, VIR, VS  
*Institution ID:* 25-0256

**University of Michigan School of Public Health**

109 S Observatory  
Ann Arbor, MI 48109-2029  
*Med Sch Affil:* L-02501  
*Specialty:* OM  
*Institution ID:* 25-0526

**Dearborn****Oakwood Hospital**

18101 Oakwood Blvd  
PO Box 2500  
Dearborn, MI 48123-2500  
*Med Sch Affil:* M-02507, M-02501  
*Specialty:* DR, FP, IM, OBG, TY  
*Institution ID:* 25-0366

**Detroit****Children's Hospital of Michigan**

3901 Beaubien Blvd  
Detroit, MI 48201-2196  
*Med Sch Affil:* M-02507  
*Specialty:* MPD, PDR, PMP  
*Institution ID:* 25-0456

**Grace Hospital**

6071 W Outer Dr  
Detroit, MI 48235  
*Med Sch Affil:* M-02507  
*Specialty:* ORS  
*Institution ID:* 25-0291

**Henry Ford Hospital**

2799 W Grand Blvd  
Detroit, MI 48202-2689  
*Med Sch Affil:* L-03806, L-02501  
*Specialty:* AI, AN, APM, CCA, CCM, CCS, CD, D, DR, EM, EMP, END, FP, GE, GS, HO, ID, IM, MEM, N, NEP, NM, NS, OBG, OPH, ORS, OTO, OTR, P, PCC, PCP, PD, PTH, RHU, RNR, RO, TY, U, VS  
*Institution ID:* 25-0331

**Sinai Hospital**

6767 W Outer Dr  
Detroit, MI 48235-2899  
*Med Sch Affil:* M-02507  
*Specialty:* AN, CCA, CD, DR, FP, GE, GS, IM, OBG, OPH, P, PM, PUD, RHU  
*Institution ID:* 25-0114

**St John Hospital and Medical Center**

22101 Moross Rd  
Detroit, MI 48236-2172  
*Med Sch Affil:* M-02507  
*Specialty:* EM, FP, GS, ID, IM, MPD, NEP, OBG, PD, PTH, TY  
*Institution ID:* 25-0486

**Wayne County Medical Examiner's Office**

400 E Lafayette Ave  
Detroit, MI 48226  
*Specialty:* FOP  
*Institution ID:* 25-0520

### Wayne State University School of Medicine

540 E Canfield  
Detroit, MI 48201  
*Med Sch Affil:* M-02507  
*Specialty:* AI, CCM, CCP, CCS, CD, CHN, CHP, D, DR, EM, EMP, END, FP, GE, GS, HSP, ID, IM, IMG, MEM, MPM, N, NEP, NPM, NR, NS, OAR, OBG, OM, OMO, ON, OPH, ORS, OSM, OTO, P, PCP, PD, PDC, PDS, PG, PHO, PM, PS, PTH, PUD, RHU, RNR, RO, TS, TY, U, UP, VS  
**Institution ID:** 25-9501

### East Lansing

#### Michigan State University Clinical Center

Human Health Programs  
D132 Fee Hall  
East Lansing, MI 48824-1316  
*Med Sch Affil:* M-02512  
*Specialty:* PD  
**Institution ID:** 25-0532

#### Michigan State University College of Human Medicine

Sarra Baraily  
Dean's Office  
A-110 E Fee Hall MSU  
East Lansing, MI 48824-1316  
*Med Sch Affil:* M-02512  
*Specialty:* GE, GS, HEM, IM, MPD, NPM, ON, P, PUD  
**Institution ID:** 25-9502

#### Michigan State University College of Osteopathic Medicine

A308 E Fee Hall  
East Lansing, MI 48824-1316  
*Specialty:* PM  
**Institution ID:** 25-9503

### Flint

#### Genesys Regional Medical Center-St Joseph Campus

302 Kensington Ave  
Flint, MI 48503-2000  
*Med Sch Affil:* M-02512  
*Specialty:* FP  
**Institution ID:** 25-0480

#### Hurley Medical Center

One Hurley Plaza  
Flint, MI 48503-5993  
*Med Sch Affil:* M-02512, G-02501  
*Specialty:* IM, MPD, OBG, PD, PTH, TY  
**Institution ID:** 25-0304

#### McLaren Regional Medical Center

401 S Ballenger Hwy  
Flint, MI 48532-3685  
*Med Sch Affil:* M-02512  
*Specialty:* IM, ORS  
**Institution ID:** 25-0412

#### Michigan State Univ College of Human Medicine-Flint Campus

One Hurley Plaza  
Flint, MI 48503-5902  
*Med Sch Affil:* M-02512  
*Specialty:* DR  
**Institution ID:** 25-0562

### Grand Rapids

#### Blodgett Memorial Medical Center

1840 Wealthy SE  
Grand Rapids, MI 49506-2968  
*Med Sch Affil:* M-02512  
*Specialty:* CRS, GS, HSO, IM, OBG, ORS, TY  
**Institution ID:** 25-0395

### Butterworth Hospital

100 Michigan  
Grand Rapids, MI 49503  
*Med Sch Affil:* M-02512  
*Specialty:* CCS, EM, GS, IM, MPD, OBG, PD, TY  
**Institution ID:** 25-0341

#### Grand Rapids Area Medical Education Center

240 Cherry St SE  
Grand Rapids, MI 49503  
*Specialty:* DR, PS, PTH, SPS  
**Institution ID:** 25-0460

#### St Mary's Health Services

200 Jefferson SE  
Grand Rapids, MI 49503  
*Med Sch Affil:* M-02512  
*Specialty:* FP, TY  
**Institution ID:** 25-0473

### Grosse Pointe

#### Bon Secours Hospital

468 Cadieux Rd  
Grosse Pointe, MI 48230-1592  
*Med Sch Affil:* M-02507  
*Specialty:* FP, IM  
**Institution ID:** 25-0103

### Kalamazoo

#### Kalamazoo Center for Medical Studies

MSU/KCMS  
1000 Oakland Dr  
Kalamazoo, MI 49008  
*Med Sch Affil:* M-02512  
*Specialty:* EM, FP, GS, IM, MPD, ORS, PD, TY  
**Institution ID:** 25-0538

### Lansing

#### Sparrow Hospital

PO Box 30480  
Lansing, MI 48909-7980  
*Med Sch Affil:* M-02512  
*Specialty:* EM, FP, OBG, TY  
**Institution ID:** 25-0290

#### St Lawrence Hospital and HealthCare Services

1210 W Saginaw St  
Lansing, MI 48915-1999  
*Med Sch Affil:* M-02512  
*Specialty:* FP, PPG  
**Institution ID:** 25-0182

### Marquette

#### Marquette General Hospital

1414 W Fair Ste #36  
Marquette, MI 49855-2222  
*Med Sch Affil:* M-02512  
*Specialty:* FP  
**Institution ID:** 25-0549

### Midland

#### MidMichigan Regional Medical Center

4005 Orchard Dr  
Midland, MI 48670  
*Med Sch Affil:* L-02512  
*Specialty:* FP  
**Institution ID:** 25-0322

### Pontiac

#### North Oakland Medical Centers

461 W Huron  
Pontiac, MI 48341-1651  
*Med Sch Affil:* L-02507  
*Specialty:* FP, GS, OBG  
**Institution ID:** 25-0222

#### St Joseph Mercy Community Health Care System

900 Woodward  
Pontiac, MI 48341-2985  
*Med Sch Affil:* M-02507  
*Specialty:* DR, GS, IM, MPD, TY  
**Institution ID:** 25-0478

### Royal Oak

#### William Beaumont Hospital

3601 W 13 Mile Road  
Royal Oak, MI 48073-8769  
*Med Sch Affil:* M-02507, M-02501  
*Specialty:* BBK, CD, CRS, DR, EM, FP, GE, GS, HMP, ID, IM, MPD, NM, NR, OBG, ON, OPH, ORS, PCH, PCP, PD, PM, PS, PTH, RNR, RO, TY, U  
**Institution ID:** 25-0396

### Saginaw

#### Saginaw Cooperative Hospitals Inc

1000 Houghton Ave  
Saginaw, MI 48602  
*Specialty:* FP, GS, IM, OBG  
**Institution ID:** 25-0525

### Southfield

#### Providence Hospital

16001 W 9 Mile Rd  
PO Box 2043  
Southfield, MI 48037  
*Med Sch Affil:* M-02507, G-02501  
*Specialty:* AN, CD, DR, FP, GE, GS, IM, OBG, ON, PS, TY  
**Institution ID:** 25-0197

## Minnesota

### Duluth

#### St Luke's Hospital

915 E First St  
Duluth, MN 55805-2193  
*Med Sch Affil:* M-02607  
*Specialty:* FP  
**Institution ID:** 26-0209

### Minneapolis

#### Abbott-Northwestern Hospital

800 E 28th St  
Minneapolis, MN 55407-3799  
*Med Sch Affil:* L-02604, G-01643  
*Specialty:* IM  
**Institution ID:** 26-0343

#### Health One Corporation

2810 57th Ave N  
Minneapolis, MN 55430  
*Specialty:* FP  
**Institution ID:** 26-8025

#### Hennepin County Medical Center

701 Park Ave S  
Minneapolis, MN 55415-1623  
*Med Sch Affil:* M-02604  
*Specialty:* CCM, EM, FP, GS, IM, NEP, PTH, RHU, TY  
**Institution ID:** 26-0402

**Hennepin County Medical Examiner**

730 S 7th St  
Minneapolis, MN 55415-1798  
*Specialty:* FOP  
**Institution ID:** 26-0733

**Minneapolis Sports Medicine Center**

701 25th Ave S  
Minneapolis, MN 55454  
*Specialty:* OSM  
**Institution ID:** 26-8024

**Minnesota Spine Center**

606 24th Ave S  
Ste 606  
Minneapolis, MN 55454-1419  
*Specialty:* OSS  
**Institution ID:** 26-8029

**University of Minnesota Hospital and Clinic**

Harvard St at E River Rd  
Minneapolis, MN 55455-0392  
*Med Sch Affil:* M-02604  
*Specialty:* MPD  
**Institution ID:** 26-0254

**University of Minnesota Medical School**

UMHC Box 293  
420 Delaware St SE  
Minneapolis, MN 55455  
*Med Sch Affil:* M-02604  
*Specialty:* AI, AN, BBK, CCM, CCP, CCS, CD, CHN, CHP, CRS, D, DR, END, FP, FPG, GE, GS, HMP, HO, HSO, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, OPH, ORS, OSS, OTO, P, PCH, PD, PDC, PDE, PDP, PDR, PG, PHO, PM, PMP, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR  
**Institution ID:** 26-9501

**Rochester****Mayo Graduate School of Medicine-Mayo Foundation**

Siebens 5th Fl  
200 First St SW  
Rochester, MN 55905  
*Med Sch Affil:* M-02608, L-02312  
*Specialty:* AI, AN, APM, BBK, CCA, CCM, CCS, CD, CHN, CHP, CRS, D, DMP, DR, END, FP, GE, GPM, GS, HMP, HO, HSO, ID, IM, IMG, MM, N, NEP, NP, NR, NS, OAR, OBG, OMO, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PG, PHO, PM, PMP, PS, PTH, RHU, RNR, RO, TS, TY, U, UP, VS  
**Institution ID:** 26-0173

**St Paul****St Paul-Ramsey Medical Center**

640 Jackson St  
St Paul, MN 55101  
*Med Sch Affil:* M-02604  
*Specialty:* FP, OBG, OM, PTH  
**Institution ID:** 26-0184

**Mississippi****Jackson****University Hospital**

2500 N State St  
Jackson, MS 39216-4505  
*Med Sch Affil:* M-02701  
*Specialty:* MPD  
**Institution ID:** 27-0427

**University of Mississippi School of Medicine**

Jackson, MS 39216  
*Med Sch Affil:* M-02701  
*Specialty:* AN, CD, CHN, CHP, DR, EM, FP, GE, GS, HEM, HSO, ID, IM, N, NEP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, FCP, PD, PHO, PTH, PUD, TS, U  
**Institution ID:** 27-9501

**Keesler AFB****Keesler Medical Center**

81st Medical Group/SGE  
301 Fisher St Ste 107  
Keesler AFB, MS 39534-2576  
*Med Sch Affil:* M-02312, L-00106  
*Specialty:* GS, IM, OBG, PD  
**Institution ID:** 27-0371

**Tupelo****North Mississippi Medical Center**

830 S Gloster St  
Tupelo, MS 38801  
*Med Sch Affil:* G-02701  
*Specialty:* FP  
**Institution ID:** 27-7005

**Missouri****Columbia****University and Children's Hospital**

One Hospital Dr DC018  
Columbia, MO 65212  
*Med Sch Affil:* M-02803  
*Specialty:* PMP  
**Institution ID:** 28-0176

**University of Missouri-Columbia School of Medicine**

MA204 Medical Sciences Bldg  
One Hospital Dr  
Columbia, MO 65212  
*Specialty:* AN, CCS, CD, CHP, D, DR, END, FP, FPG, GE, GS, HEM, ID, IM, N, NEP, NM, NPM, NR, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PM, PS, PTH, RHU, TS, U, VS  
**Institution ID:** 28-0709

**Kansas City****Baptist Medical Center**

6601 Rockhill Rd  
Kansas City, MO 64131-1197  
*Med Sch Affil:* M-02846  
*Specialty:* FP  
**Institution ID:** 28-0451

**Children's Mercy Hospital**

2401 Gillham Rd  
Kansas City, MO 64108-9898  
*Med Sch Affil:* M-02846, G-03006  
*Specialty:* MPD  
**Institution ID:** 28-0426

**St Luke's Hospital**

4400 Wornall Rd  
Kansas City, MO 64111-9960  
*Med Sch Affil:* M-02846  
*Specialty:* GS, TS  
**Institution ID:** 28-0337

**Trinity Lutheran Hospital**

3030 Baltimore  
Kansas City, MO 64108  
*Med Sch Affil:* M-02846  
*Specialty:* FP  
**Institution ID:** 28-0180

**University of Missouri-Kansas City School of Medicine**

2411 Holmes  
Kansas City, MO 64108-2792  
*Specialty:* AN, CD, DR, EM, END, FP, FPG, GE, GS, HO, ID, IM, NEP, NPM, OBG, OPH, ORS, OSM, P, PCC, PD, PDE, PDR, PDS, PHO, PN, PS, PTH  
**Institution ID:** 28-0453

**Springfield****Cox Medical Center North**

1423 N Jefferson  
Springfield, MO 65802-1988  
*Specialty:* FP  
**Institution ID:** 28-8168

**St Louis****Barnes Hospital**

One Barnes Hospital Plaza  
St Louis, MO 63110  
*Med Sch Affil:* M-02802  
*Specialty:* AN, APM, BBK, CCA, CD, CHN, D, DMP, DR, END, GE, GS, HMP, HO, HSO, ID, IM, N, NEP, NM, NP, NR, NS, OBG, OPH, ORS, OSS, OTO, P, PCC, PDR, PIP, PS, PTH, RHU, RNR, RO, SPS, TS, U, VS  
**Institution ID:** 28-0210

**Deaconess Hospital**

6150 Oakland Ave  
St Louis, MO 63139-3297  
*Med Sch Affil:* M-02834  
*Specialty:* FP, IM, TY  
**Institution ID:** 28-0245

**Jewish Hospital of St Louis**

216 S Kings Hwy Blvd  
St Louis, MO 63110  
*Med Sch Affil:* M-02802  
*Specialty:* CD, CRS, IM, IMG, NEP, PM  
**Institution ID:** 28-0146

**Shriners Hospital for Crippled Children (St Louis)**

2001 S Lindbergh Blvd  
St Louis, MO 63131-3597  
*Specialty:* OP  
**Institution ID:** 28-0164

**St John's Mercy Medical Center**

615 S New Ballas Rd  
St Louis, MO 63141-8221  
*Med Sch Affil:* M-02834, G-02803  
*Specialty:* FP, IM, OBG, PTH, TY  
**Institution ID:** 28-0231

**St Louis Children's Hospital**

One Children's Pl  
St Louis, MO 63110-1077  
*Med Sch Affil:* M-02802  
*Specialty:* NPM, PD, PDC, PDE, PHO, PN  
**Institution ID:** 28-0145

**St Louis University School of Medicine**

1402 South Grand Blvd  
St Louis, MO 63104  
*Med Sch Affil:* M-02834  
*Specialty:* AI, ALI, AN, CCM, CCS, CD, CHN, CHP, CRS, D, DR, END, GE, GS, HO, ID, IM, IMG, MM, MPD, N, NEP, NM, NP, NPM, NS, OBG, OM, OPH, ORS, OTO, P, PCC, PCP, PD, PDP, PDR, PDS, PG, PH, PS, PTH, RHU, RNR, TS, U, VS  
**Institution ID:** 28-9501

**St Luke's Hospital**

232 S Woods Mill Rd  
St Louis, MO 63017  
*Med Sch Affil:* M-02803, L-02802  
*Specialty:* CD, IM  
**Institution ID:** 28-0203

**St Mary's Health Center**

6420 Clayton Rd  
St Louis, MO 63117  
*Med Sch Affil:* M-02834  
*Specialty:* IM  
*Institution ID:* 28-0442

**Washington University School of Medicine**

660 S Euclid Ave  
St Louis, MO 63110-1093  
*Med Sch Affil:* M-02802  
*Specialty:* AI, CCP, CHP, HSP, PDP, PG, VIR  
*Institution ID:* 28-0440

**Nebraska****Lincoln****Lincoln Medical Education Foundation**

4600 Valley Rd  
Lincoln, NE 68510  
*Specialty:* FP  
*Institution ID:* 30-0706

**Omaha****AMI St Joseph Hospital at Creighton Univ Medical Center**

601 N 30th St  
Omaha, NE 68131  
*Med Sch Affil:* M-03006, M-03005  
*Specialty:* MPD  
*Institution ID:* 30-0709

**Bishop Clarkson Memorial Hospital**

44th St at Dewey Ave  
Omaha, NE 68105-1018  
*Med Sch Affil:* L-03005  
*Specialty:* FP  
*Institution ID:* 30-0453

**Creighton/Nebraska University Health Foundation**

California at 24th St  
Omaha, NE 68178  
*Med Sch Affil:* M-03006  
*Specialty:* AI, CD, CHP, CRS, DR, FP, GS, ID, IM, OBG, P, PTH, PUD  
*Institution ID:* 30-9502

**University of Nebraska Medical Center**

600 S 42nd St  
Omaha, NE 68198-4285  
*Med Sch Affil:* M-03005  
*Specialty:* AN, CD, DR, END, FP, GE, GS, HMP, HO, IM, IMG, N, NM, NS, OBG, OPH, ORS, OTO, PD, PG, PHO, PTH, PUD, U, VIR  
*Institution ID:* 30-0710

**Nevada****Reno****University of Nevada School of Medicine**

Savitt Medical Sciences Bldg (332)  
Reno, NV 89557-0046  
*Med Sch Affil:* M-03101  
*Specialty:* FP, GS, IM, OBG, P  
*Institution ID:* 31-0111

**New Hampshire****Concord****New Hampshire-Dartmouth Family Practice Education Consortium**

c/o Concord Hospital  
250 Pleasant St  
Concord, NH 03301  
*Specialty:* FP  
*Institution ID:* 32-8003

**Lebanon****Mary Hitchcock Memorial Hospital**

Mary Hitchcock Memorial Hospital  
One Medical Center Dr  
Lebanon, NH 03756  
*Specialty:* AN, APM, CCA, CCM, CD, CHP, D, DR, END, GE, GS, HO, ID, IM, MP, N, NPM, NS, ORS, P, PCC, PD, PS, PTH, RHU, U, VS  
*Institution ID:* 32-8001

**New Jersey****Atlantic City****Atlantic City Medical Center**

1925 Pacific Ave  
Atlantic City, NJ 08401  
*Med Sch Affil:* G-04109  
*Specialty:* IM  
*Institution ID:* 33-0168

**Camden****Cooper Hospital-University Medical Center**

One Cooper Plaza  
Camden, NJ 08103-1489  
*Med Sch Affil:* M-03306, L-04109, L-04107, G-04101  
*Specialty:* CCA, CCM, CCP, CCS, CD, D, DR, GE, GS, HO, ID, IM, MPD, NEP, OBG, OPH, P, PCC, PD, PS, RHU, RO  
*Institution ID:* 33-0465

**Edison****JFK Medical Center**

65 James St  
Attn: Medical Staff Office  
Edison, NJ 08818-3059  
*Med Sch Affil:* G-03306  
*Specialty:* FP, PM  
*Institution ID:* 33-0714

**Englewood****Englewood Hospital**

350 Engle St  
Englewood, NJ 07631  
*Med Sch Affil:* L-04101, L-03547  
*Specialty:* IM  
*Institution ID:* 33-0259

**Flemington****Hunterdon Medical Center**

2100 Wescott Dr  
Flemington, NJ 08822-4604  
*Med Sch Affil:* L-03306  
*Specialty:* FP  
*Institution ID:* 33-0444

**Hackensack****Hackensack Medical Center**

30 Prospect Ave  
Hackensack, NJ 07601  
*Med Sch Affil:* M-03305  
*Specialty:* AN, CD, DR, TY  
*Institution ID:* 33-0219

**Hoboken****St Mary Hospital**

308 Willow Ave  
Hoboken, NJ 07030  
*Specialty:* FP  
*Institution ID:* 33-0226

**Livingston****St Barnabas Medical Center**

94 Old Short Hills Rd  
Livingston, NJ 07039-5672  
*Med Sch Affil:* M-03305  
*Specialty:* AN, DR, GS, IM, NR, OBG, RO, TY  
*Institution ID:* 33-0416

**Long Branch****Monmouth Medical Center**

300 Second Ave  
Long Branch, NJ 07740-9998  
*Med Sch Affil:* M-04109  
*Specialty:* AN, DR, GS, IM, OBG, ORS, PD, PTH  
*Institution ID:* 33-0335

**Montclair****Mountainside Hospital**

Bay and Highland Aves  
Montclair, NJ 07042  
*Med Sch Affil:* L-03306, L-03305  
*Specialty:* FP, IM  
*Institution ID:* 33-0217

**Morristown****Morristown Memorial Hospital**

100 Madison Ave  
PO Box 1956  
Morristown, NJ 07962-1956  
*Med Sch Affil:* M-03501, L-03306  
*Specialty:* DR, EM, GS, IM, MPD, PD  
*Institution ID:* 33-0236

**Mount Holly****Memorial Hospital of Burlington County**

175 Madison Ave  
Mount Holly, NJ 08060  
*Med Sch Affil:* L-03306  
*Specialty:* FP  
*Institution ID:* 33-0171

**Neptune****Jersey Shore Medical Center**

1945 Corlies Ave  
Hwy 33  
Neptune, NJ 07754-0397  
*Med Sch Affil:* M-03306  
*Specialty:* IM, OBG, PD, TY  
*Institution ID:* 33-0220

**Newark****Newark Beth Israel Medical Center**

201 Lyons Ave  
Newark, NJ 07112  
*Med Sch Affil:* M-03305  
*Specialty:* DR, MPD, OBG, TS  
*Institution ID:* 33-0424

**UMDNJ-New Jersey Medical School**

Graduate Medical Education Office  
185 S Orange Ave Rm C-595  
Newark, NJ 07103-2714  
*Med Sch Affil:* M-03305, L-02312  
*Specialty:* AI, AN, APM, CCM, CCP, CD, CHN, CHP, D, DMP, DR, END, GE, GS, HEM, ID, IM, IMG, MPD, N, NEP, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PM, PMP, PS, PTH, RHU, TS, U, VS  
*Institution ID:* 33-9502

**United Hospitals Medical Center (Presbyterian Hospital)**

15 S 9th St  
Newark, NJ 07107  
*Specialty:* IM  
*Institution ID:* 33-0484

**Paramus****Bergen Pines County Hospital**

E Ridgewood Ave  
Paramus, NJ 07652-4131  
*Med Sch Affil:* L-03305  
*Specialty:* P  
*Institution ID:* 33-0109

**Paterson****St Joseph's Hospital and Medical Center**

703 Main St  
Paterson, NJ 07503-2691  
*Med Sch Affil:* L-03306, L-03305  
*Specialty:* MPD  
*Institution ID:* 33-0319

**Perth Amboy****Raritan Bay Medical Center-Perth Amboy Division**

530 New Brunswick Ave  
Perth Amboy, NJ 08861-3685  
*Med Sch Affil:* L-03306  
*Specialty:* IM  
*Institution ID:* 33-0144

**Phillipsburg****Warren Hospital**

185 Roseberry St  
Phillipsburg, NJ 08865-1684  
*Med Sch Affil:* L-03306  
*Specialty:* FP  
*Institution ID:* 33-0138

**Piscataway****UMDNJ-Robert Wood Johnson Medical School**

675 Hoes Ln  
Piscataway, NJ 08854-5635  
*Med Sch Affil:* M-03306, L-02312  
*Specialty:* AN, APM, CCM, CD, CHP, CRS, DR, END, FP, FPG, GE, GS, HMP, HO, ID, IM, NEP, NPM, OBG, OM, ORS, P, PCC, PD, PIP, PTH, RHU, TS, U, VS  
*Institution ID:* 33-0522

**Plainfield****Muhlenberg Regional Medical Center**

Park Ave and Randolph Rd  
Plainfield, NJ 07061-3399  
*Med Sch Affil:* M-03306  
*Specialty:* IM  
*Institution ID:* 33-0137

**Somerville****Somerset Medical Center**

110 Rehill Ave  
Somerville, NJ 08876  
*Med Sch Affil:* L-03306  
*Specialty:* FP  
*Institution ID:* 33-0356

**South Orange****Seton Hall University School of Graduate Medical Education**

400 S Orange Ave  
South Orange, NJ 07079-2698  
*Specialty:* AN, CCM, CD, END, FP, GE, HEM, ID, IM, OBG, ON, ORS, PD, PUD, RHU, TY  
*Institution ID:* 33-9501

**Summit****Overlook Hospital**

99 Beauvoir Ave  
PO Box 220  
Summit, NJ 07902-0220  
*Med Sch Affil:* M-03501, G-03305  
*Specialty:* DR, FP, IM, PD, TY  
*Institution ID:* 33-0240

**Trenton****Helene Fuld Medical Center**

750 Brunswick Ave  
Trenton, NJ 08638  
*Med Sch Affil:* L-03306  
*Specialty:* IM  
*Institution ID:* 33-0150

**St Francis Medical Center**

601 Hamilton Ave  
Trenton, NJ 08629-1986  
*Med Sch Affil:* L-03306  
*Specialty:* GS, IM  
*Institution ID:* 33-0415

**State of New Jersey Department of Health**

John Fitch Plaza  
CN 360  
Trenton, NJ 08625-0360  
*Specialty:* PH  
*Institution ID:* 33-0520

**Voorhees****West Jersey Hospital-Voorhees**

101 Carnie Blvd  
Voorhees, NJ 08043  
*Med Sch Affil:* L-04114, L-04101  
*Specialty:* FP  
*Institution ID:* 33-8018

**West Trenton****Trenton Psychiatric Hospital**

PO Box 7500  
West Trenton, NJ 08628-0500  
*Specialty:* P  
*Institution ID:* 33-0423

**Woodbury****Underwood-Memorial Hospital**

509 N Broad St  
Woodbury, NJ 08096  
*Med Sch Affil:* L-04102  
*Specialty:* FP  
*Institution ID:* 33-7079

**New Mexico****Albuquerque****University of New Mexico School of Medicine**

Campus Box 535  
Albuquerque, NM 87131-5156  
*Med Sch Affil:* M-03401  
*Specialty:* AN, APM, BBK, CCM, CD, CHN, CHP, D, DR, EM, END, FOP, FP, GE, GS, HEM, HMP, HSO, ID, IM, IMG, N, NEP, NPM, NS, OBG, ON, ORS, OTO, P, PD, PDP, PS, PTH, PUD, RHU, RNR, TS, U  
*Institution ID:* 34-0510

**New York****Albany****Albany Medical Center Hospital**

43 New Scotland Ave  
Albany, NY 12208-3478  
*Med Sch Affil:* M-03503, L-02312  
*Specialty:* AN, APM, CCA, CD, DR, EM, END, FP, GE, GS, HEM, HMP, ID, IM, IMG, MPD, N, NEP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PM, PS, PTH, RHU, RNR, TS, U, VS  
*Institution ID:* 35-0345

**New York State Department of Health**

651 Corning Tower  
Empire State Plaza  
Albany, NY 12237  
*Specialty:* MPH  
*Institution ID:* 35-0456

**Bay Shore****Southside Hospital**

Montauk Hwy  
Bay Shore, NY 11706  
*Med Sch Affil:* L-03548  
*Specialty:* FP  
*Institution ID:* 35-0556

**Binghamton****Wilson Memorial Regional Medical Center (United Health Svcs)**

20-42 Mitchell Ave  
Binghamton, NY 13803  
*Med Sch Affil:* M-03515  
*Specialty:* FP, IM, TY  
*Institution ID:* 36-0110





**Forest Hills****LaGuardia Hospital**

102-01 66th Rd  
Forest Hills, NY 11375-2029  
*Med Sch Affil:* M-03520  
*Specialty:* IM  
*Institution ID:* 35-0568

**Glen Cove****North Shore University Hospital at Glen Cove**

101 Saint Andrews Ln  
Glen Cove, NY 11542-2263  
*Med Sch Affil:* L-03548  
*Specialty:* FP  
*Institution ID:* 35-0409

**Jamaica****Catholic Medical Center of Brooklyn and Queens Inc**

88-25 153rd St Ste 1C  
Jamaica, NY 11432-9998  
*Med Sch Affil:* M-03546, L-03508  
*Specialty:* CD, FP, GE, GS, ID, IM, OBG, OPH, ORS, PUD  
*Institution ID:* 35-0558

**Jamaica Hospital**

8900 Van Wyck Expwy  
Jamaica, NY 11418-2897  
*Med Sch Affil:* L-03508, G-03520  
*Specialty:* FP, IM, OBG  
*Institution ID:* 35-0216

**Manhasset****North Shore University Hospital**

300 Community Dr  
Manhasset, NY 11030-3876  
*Med Sch Affil:* M-03520, M-03519, L-02312  
*Specialty:* CCM, CCS, CD, CHP, DR, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NPM, OBG, ON, OPH, P, PCC, PD, PDC, PDE, PG, PTH, RHU, RNR  
*Institution ID:* 35-0467

**Middletown****Middletown Psychiatric Center**

141 Monhagen Ave  
PO Box 1453  
Middletown, NY 10940-6198  
*Specialty:* P  
*Institution ID:* 35-0382

**Mineola****Winthrop-University Hospital**

Winthrop-University Hospital  
259 First St  
Mineola, NY 11501-3957  
*Med Sch Affil:* M-03548  
*Specialty:* CD, DR, END, GE, HO, ID, IM, IMG, NEP, OBG, PCC, PD, PDE, PTH, RHU  
*Institution ID:* 35-0375

**Mount Vernon****Mount Vernon Hospital**

12 N 7th Ave  
Mount Vernon, NY 10550-2098  
*Med Sch Affil:* L-03509  
*Specialty:* IM  
*Institution ID:* 35-0255

**New Hyde Park****Long Island Jewish Medical Center**

270-05 76th Avenue  
New Hyde Park, NY 11040  
*Med Sch Affil:* M-03546, L-03508  
*Specialty:* AI, AN, CCP, CD, CHN, CHP, DR, EM, END, GE, GS, HO, ID, IM, IMG, MEM, N, NEP, NM, NPM, NR, OBG, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PDR, PHO, PM, PTH, RHU, RNR, TS, U, VIR, VS  
*Institution ID:* 35-0232

**Schneider Children's Hosp (Long Island Jewish Med Ctr)**

270-05 76th Ave  
New Hyde Park, NY 11040  
*Med Sch Affil:* M-03546  
*Specialty:* PMP  
*Institution ID:* 35-8024

**New Rochelle****New Rochelle Hospital Medical Center**

16 Guion Pl  
New Rochelle, NY 10802-5500  
*Med Sch Affil:* M-03509  
*Specialty:* GS, IM, TY  
*Institution ID:* 35-0104

**New York****Beth Israel Medical Center**

Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003  
*Med Sch Affil:* M-03547, M-03546  
*Specialty:* AN, CCM, CD, DR, END, FP, GE, GS, HMP, HO, ID, IM, MEM, NEP, OBG, P, PCC, PD, PTH, RNR, RO, U  
*Institution ID:* 35-0284

**Columbia University School of Public Health**

600 W 168th St  
New York, NY 10032  
*Med Sch Affil:* L-03501  
*Specialty:* OM  
*Institution ID:* 35-0766

**Cornell University Medical College**

1300 York Ave  
New York, NY 10021  
*Med Sch Affil:* M-03520  
*Specialty:* GPM  
*Institution ID:* 35-0791

**Harlem Hospital Center**

506 Lenox Ave  
New York, NY 10037-1003  
*Med Sch Affil:* M-03501  
*Specialty:* CD, CHP, DR, GE, GS, ID, IM, NEP, OBG, OPH, P, PD, PS, PTH, PUD  
*Institution ID:* 35-0195

**Hospital for Joint Diseases Orthopaedic Institute**

Hospital for Joint Diseases  
Bernard Aronson Plaza  
301 E 17th St  
New York, NY 10003  
*Med Sch Affil:* M-03519  
*Specialty:* HSO, OP, ORS, OSM, OSS, SP  
*Institution ID:* 35-0289

**Hospital for Special Surgery**

535 E 70th St  
New York, NY 10021  
*Med Sch Affil:* M-03520  
*Specialty:* HSO, OAR, OP, ORS, OSM  
*Institution ID:* 35-0459

**Lenox Hill Hospital**

100 E 77th St  
New York, NY 10021-1883  
*Med Sch Affil:* M-03519  
*Specialty:* CD, DR, GE, GS, HO, IM, NEP, OBG, OPH, ORS, OSM, PTH, PUD, U  
*Institution ID:* 35-0334

**Manhattan Eye Ear and Throat Hospital**

210 E 64th St  
New York, NY 10021  
*Med Sch Affil:* L-03501, G-03519  
*Specialty:* OPH, OTO  
*Institution ID:* 35-0367

**Memorial Sloan-Kettering Cancer Center**

1275 York Ave  
New York, NY 10021  
*Med Sch Affil:* M-03520, L-03508, L-02312, G-03519  
*Specialty:* CCA, CCM, GE, HEM, ID, NM, OMO, ON, PCP, PHO, PUD, RO, SP  
*Institution ID:* 35-0125

**Metropolitan Hospital Center**

1901 First Ave  
New York, NY 10029  
*Med Sch Affil:* M-03509  
*Specialty:* MPD  
*Institution ID:* 35-0163

**Mount Sinai Medical Center**

1 Gustave L Levy Pl  
New York, NY 10029-6574  
*Med Sch Affil:* M-03547  
*Specialty:* CPP  
*Institution ID:* 35-0376

**Mount Sinai School of Medicine**

One Gustave L Levy Pl  
New York, NY 10029-6574  
*Med Sch Affil:* M-03547  
*Specialty:* AI, AN, APM, CCA, CCM, CD, CHN, CHP, D, DR, EM, END, GE, GPM, GS, HO, ID, IM, IMG, MPD, N, NEP, NM, NP, NPM, NS, OBG, OM, OPH, ORS, OTO, P, PCC, PCP, PD, PDC, PDE, PDP, PDR, PG, PHO, PM, PN, PS, PTH, PUD, RHU, RNR, RO, TS, TY, U, VIR, VS  
*Institution ID:* 35-9503

**New York Blood Center**

310 E 67th St  
New York, NY 10021  
*Specialty:* BBK  
*Institution ID:* 35-0807

**New York City Department of Health**

125 Worth St  
Rm 331 Box 28  
New York, NY 10013  
*Specialty:* PH  
*Institution ID:* 35-0394

**New York Downtown Hospital**

170 William St  
New York, NY 10038-2649  
*Med Sch Affil:* M-03520, G-03519  
*Specialty:* IM, OBG  
*Institution ID:* 35-0270

**New York Eye and Ear Infirmary**

310 E 14th St  
New York, NY 10003-4200  
*Med Sch Affil:* G-03509  
*Specialty:* OPH  
*Institution ID:* 35-0230

**New York Hospital**

525 E 68th St F-164  
New York, NY 10021-1234  
*Med Sch Affil:* M-03520  
*Specialty:* AI, AN, APM, CCM, CCP, CD, CHN, CHP, D, DMP, DR, END, GE, GS, HO, ID, IM, N, NEP, NM, NPM, NS, OBG, OPH, P, PCP, PD, PDC, PDE, PG, PM, PN, PS, PTH, PUD, RHU, RNR, TS, U, VIR  
*Institution ID:* 35-0262

**New York Hospital-Payne Whitney  
Psychiatric Clinic**

New York Hospital-Cornell Med Ctr  
Payne Whitney Clinic (Box 140)  
525 E 68th St  
New York, NY 10021  
*Med Sch Affil:* M-03520  
*Specialty:* CHP, P  
*Institution ID:* 35-0823

**New York University Medical Center**

550 First Ave  
New York, NY 10016-1111  
*Med Sch Affil:* M-03519, L-04109, L-02312  
*Specialty:* AN, CCA, CD, CHN, CHP, D, DMP, DR, EM,  
END, GE, GS, HEM, HSP, ID, IM, IMG, N, NEP, NP, NPM,  
NR, NS, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PD,  
PDC, PDE, PDR, PHO, PIP, PM, PS, PTH, RHU, RNR, RO,  
TS, U, VS  
*Institution ID:* 35-0450

**North General Hospital**

1879 Madison Ave  
New York, NY 10035-0035  
*Med Sch Affil:* L-03547  
*Specialty:* GS, IM  
*Institution ID:* 35-0808

**Office of Chief Medical Examiner-City of  
New York**

520 First Ave  
New York, NY 10016  
*Specialty:* FOP  
*Institution ID:* 35-0528

**Presbyterian Hospital in the City of New  
York**

The Presbyterian Hospital  
Columbia-Presbyterian Medical Ctr  
New York, NY 10032-3784  
*Med Sch Affil:* M-03501  
*Specialty:* AI, AN, CCA, CCM, CD, CHN, CHP, D, DR,  
END, GE, GS, HO, HSO, HSP, ID, IM, N, NEP, NM, NP,  
NPM, NR, NS, OAR, OBG, OPH, ORS, OTO, P, PD, PDC,  
PDP, PDR, PDS, PG, PHO, PM, PS, PTH, PUD, RHU, RNR,  
RO, TS, U, VIR  
*Institution ID:* 35-0289

**Rusk Institute of Rehabilitation Medicine**

400 E 34th St R 615  
New York, NY 10016-1111  
*Med Sch Affil:* M-03519  
*Specialty:* PMP  
*Institution ID:* 35-0145

**St Luke's-Roosevelt Hospital Center**

1111 Amsterdam Ave  
New York, NY 10025  
*Med Sch Affil:* M-03501  
*Specialty:* AI, AN, APM, CD, CHP, CRS, DR, EM, END,  
GE, GS, HEM, HSO, ID, IM, IMG, NEP, NM, NR, OBG, ON,  
OPH, ORS, P, PCC, PD, PS, PTH, RHU, U  
*Institution ID:* 35-8013

**St Vincent's Hospital and Medical Center  
of New York**

153 W 11th St  
New York, NY 10011-8397  
*Med Sch Affil:* M-03509, L-03508, G-03519  
*Specialty:* MPD  
*Institution ID:* 35-0241

**Northport****Veterans Affairs Medical Center  
(Northport)**

Middleville Rd  
Northport, NY 11768  
*Med Sch Affil:* M-03548  
*Specialty:* NM  
*Institution ID:* 35-0441

**Oceanside****South Nassau Communities Hospital**

2445 Oceanside Rd  
Oceanside, NY 11572  
*Med Sch Affil:* L-03548  
*Specialty:* FP  
*Institution ID:* 35-0277

**Patchogue****Brookhaven Memorial Hospital Medical  
Center**

101 Hospital Rd  
Patchogue, NY 11772  
*Specialty:* FP  
*Institution ID:* 35-0757

**Poughkeepsie****St Francis Hospital**

North Rd  
Poughkeepsie, NY 12601  
*Specialty:* FP  
*Institution ID:* 35-0443

**Queens Village****Creedmoor Psychiatric Center**

80-45 Winchester Blvd  
Queens Village, NY 11427-2199  
*Specialty:* P  
*Institution ID:* 35-0193

**Rochester****Highland Hospital of Rochester**

1000 South Ave  
Rochester, NY 14620-9986  
*Med Sch Affil:* M-03545  
*Specialty:* FP, IM  
*Institution ID:* 35-0397

**Monroe County Medical Examiners  
Office**

740 E Henrietta Rd  
Rochester, NY 14623  
*Specialty:* FOP  
*Institution ID:* 35-0554

**Rochester General Hospital**

1425 Portland Ave  
Rochester, NY 14621-3085  
*Med Sch Affil:* M-03545  
*Specialty:* DR, OBG  
*Institution ID:* 35-0388

**St Mary's Hospital**

89 Genesee St  
Rochester, NY 14611-9981  
*Med Sch Affil:* M-03545  
*Specialty:* IM  
*Institution ID:* 35-0372

**Strong Memorial Hospital of the  
University of Rochester**

601 Elmwood Ave  
Rochester, NY 14642  
*Med Sch Affil:* M-03545  
*Specialty:* AI, AN, APM, CCA, CCM, CCP, CCS, CD, CHN,  
CHP, D, DR, EM, END, GE, GS, HEM, HSO, ID, IM, IMG,  
MP, MPD, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH,  
ORS, OSM, OTO, P, PCP, PD, PDC, PDE, PDP, PDR, PHO,  
PM, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 35-0493

**Schenectady****St Clare's Hospital of Schenectady**

600 McClellan St  
Schenectady, NY 12304  
*Med Sch Affil:* L-03503  
*Specialty:* FP  
*Institution ID:* 35-0214

**Staten Island****St Vincent's Medical Center of Richmond**

355 Bard Ave  
Staten Island, NY 10310-1699  
*Med Sch Affil:* M-03509, G-03508  
*Specialty:* PD  
*Institution ID:* 35-0458

**Staten Island University Hospital**

475 Seaview Ave  
Staten Island, NY 10305  
*Specialty:* GS, IM, IMG, OBG  
*Institution ID:* 35-0156

**Stony Brook****University Hospital-SUNY at Stony Brook**

Health Science Center T4  
Stony Brook, NY 11794-8410  
*Med Sch Affil:* M-03548  
*Specialty:* AI, AN, APM, BBK, CCM, CD, CHN, CHP, D,  
DR, EM, END, FP, GE, GS, HO, HSO, ID, IM, IMG, MN,  
MPD, MPH, N, NEP, NP, NPM, NR, OBG, ORS, OTO, P, PD,  
PDE, PN, PTH, PUD, RHU, RNR, U, VS  
*Institution ID:* 35-0560

**Syracuse****St Joseph's Hospital Health Center**

301 Prospect Ave  
Syracuse, NY 13203-1807  
*Med Sch Affil:* M-03515  
*Specialty:* AN, APM, FP, TY  
*Institution ID:* 35-0445

**University Hospital-SUNY Health  
Science Center at Syracuse**

750 E Adams St  
Syracuse, NY 13210  
*Med Sch Affil:* M-03515  
*Specialty:* AN, BBK, CCM, CD, DR, EM, END, GE, GS,  
HEM, HMP, HSO, ID, IM, IMG, N, NEP, NM, NP, NPM, NR,  
NS, OBG, ON, OPH, ORS, OSS, OTO, P, PCC, PCP, PD,  
PDC, PDE, PHO, PM, PTH, RHU, RNR, RO, TS, U  
*Institution ID:* 35-0174

**Utica****St Elizabeth Hospital**

2209 Genesee St  
Utica, NY 13501-5930  
*Specialty:* FP  
*Institution ID:* 35-0759

**Valhalla****New York Medical College**

Sunshine Cottage  
Valhalla, NY 10595  
*Med Sch Affil:* M-03509  
*Specialty:* AN, APM, CCM, CCS, CD, CHP, D, DR, EM,  
END, FP, GE, GPM, GS, HEM, HO, ID, IM, IMG, N, NEP,  
NM, NPM, NR, NS, OBG, ON, OPH, OTO, P, PCC, PCP, PD,  
PDP, PG, PM, PTH, PUD, RHU, RNR, RO, TY, U  
*Institution ID:* 35-0782

**West Point****Keller Army Community Hospital**

US Army Medical Dept Activity  
West Point, NY 10996-1197  
*Specialty:* OSM  
*Institution ID:* 35-7271

**Yonkers****St Joseph's Medical Center**

127 S Broadway  
Yonkers, NY 10701-4080  
*Med Sch Affil:* L-03509  
*Specialty:* FP  
*Institution ID:* 35-0442

**North Carolina****Asheville****Mountain Area Health Education Center**

501 Biltmore Ave  
Asheville, NC 28801-4686  
*Specialty:* FP, OBG  
*Institution ID:* 36-0732

**Chapel Hill****University of North Carolina Hospitals**

101 Manning Dr  
Chapel Hill, NC 27514  
*Med Sch Affil:* M-03601, G-03607  
*Specialty:* AN, BBK, CCP, CCS, CD, CHN, CHP, D, DR, EM, END, FOP, FP, GE, GFM, GS, HMP, HO, ID, IM, IMG, MM, MPD, N, NEP, NM, NP, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PCH, PCP, PD, PDE, PDP, PDR, PG, PHO, PIP, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 36-0478

**Charlotte****Carolinas Medical Center**

1000 Blythe Blvd  
Charlotte, NC 28203  
*Med Sch Affil:* M-03601  
*Specialty:* EM, FP, GS, IM, OBG, ORS, OTR, PD, PM, TS, VS  
*Institution ID:* 36-0291

**Durham****Duke University Medical Center**

Box 3708  
Durham, NC 27710  
*Med Sch Affil:* M-03607, L-03608, L-02312  
*Specialty:* AI, ALI, AN, APM, CCA, CCM, CCP, CCS, CD, CHN, CHP, D, DMP, DR, END, FP, GE, GS, HO, HSO, ID, IM, IMG, MM, MN, MP, MPD, N, NEP, NM, NP, NPM, NR, NS, OBG, OM, OPH, ORS, OTO, P, PCP, PD, PDC, PDE, PDP, PDR, PHO, PS, PTH, PUD, RHU, RNR, RO, TS, U  
*Institution ID:* 36-0222

**Fayetteville****Cape Fear Valley Medical Center**

PO Box 2000  
Fayetteville, NC 28302-2000  
*Med Sch Affil:* L-03607  
*Specialty:* FP  
*Institution ID:* 36-0731

**Fort Bragg****Womack Army Medical Center**

USAMEDCEN  
Attn: HSXC-CS (GME Office)  
Fort Bragg, NC 28307-5000  
*Med Sch Affil:* L-02312, G-03607  
*Specialty:* FP  
*Institution ID:* 36-0101

**Greensboro****Moses H Cone Memorial Hospital**

1200 N Elm St  
Greensboro, NC 27401-1020  
*Med Sch Affil:* M-03601  
*Specialty:* FP, IM  
*Institution ID:* 36-0486

**Greenville****East Carolina University School of Medicine**

Brody Medical Sciences Bldg AD48  
Greenville, NC 27858-4354  
*Med Sch Affil:* M-03608  
*Specialty:* AI, CD, CHP, EM, END, FP, FPG, GE, GS, IM, MP, NPM, OBG, P, PCP, PD, PM, PTH  
*Institution ID:* 36-9501

**Pitt County Memorial Hospital**

PO Box 6028  
2100 Stantonsburg Rd  
Greenville, NC 27835-6028  
*Med Sch Affil:* M-03608  
*Specialty:* MPD  
*Institution ID:* 36-0738

**Wilmington****New Hanover Regional Medical Center**

2131 S 17th St  
P O Box 9025  
Wilmington, NC 28402-9025  
*Med Sch Affil:* M-03601  
*Specialty:* GS, IM, OBG  
*Institution ID:* 36-0288

**Winston-Salem****North Carolina Baptist Hospital**

Medical Center Blvd  
Winston-Salem, NC 27157-0001  
*Med Sch Affil:* M-03605  
*Specialty:* AI, AN, APM, CCA, CCM, CD, CHN, CHP, D, DMP, DR, EM, END, FP, GE, GS, HO, ID, IM, IMG, N, NEP, NM, NPM, NR, NS, OBG, OPH, ORS, OTO, P, PD, PDR, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 36-0480

**North Dakota****Grand Forks****Univ of North Dakota School of Medicine**

501 Columbia Rd N  
Grand Forks, ND 58203  
*Med Sch Affil:* M-03701  
*Specialty:* FP, GS, IM, P, TY  
*Institution ID:* 37-0400

**Ohio****Akron****Akron City Hospital (Summa Health System)**

525 E Market St  
Akron, OH 44309-2090  
*Med Sch Affil:* M-03844, L-03840  
*Specialty:* EM, FP, GS, IM, OBG, OPH, ORS, PCF, PS, PTH, TY  
*Institution ID:* 38-0215

**Akron General Medical Center**

Attn: Jame Huffman  
400 Wabash Ave  
Akron, OH 44307  
*Med Sch Affil:* M-03844, L-03840  
*Specialty:* EM, FP, GS, IM, MPD, OBG, ORS, TY, U  
*Institution ID:* 38-0124

**Children's Hospital Medical Center of Akron**

One Perkins Sq  
Akron, OH 44308-1062  
*Med Sch Affil:* M-03844  
*Specialty:* MPD, PD, PDR, SP  
*Institution ID:* 38-0371

**Barberton****Barberton Citizens Hospital**

155 5th St NE  
P O Box 350  
Barberton, OH 44203-0350  
*Med Sch Affil:* M-03844  
*Specialty:* FP  
*Institution ID:* 38-0184

**Canton****Aultman Hospital**

2600 6th St SW  
Canton, OH 44710  
*Med Sch Affil:* M-03844  
*Specialty:* DR, FP, OBG, TY  
*Institution ID:* 38-0148

**Canton Medical Education Foundation**

2600 Sixth St SW  
Canton, OH 44710  
*Specialty:* IM  
*Institution ID:* 38-8059

**Cincinnati****Bethesda Hospital Inc**

619 Oak St  
Cincinnati, OH 45206-9975  
*Med Sch Affil:* L-03841, L-03840  
*Specialty:* FP, OBG  
*Institution ID:* 38-0464

**Children's Hospital Medical Center**

3333 Burnet Ave  
Cincinnati, OH 45229-3039  
*Med Sch Affil:* M-03841  
*Specialty:* AI, CHN, NPM, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PN  
*Institution ID:* 38-0302

**Christ Hospital**

2139 Auburn Ave  
Cincinnati, OH 45219-2906  
*Med Sch Affil:* M-03841  
*Specialty:* IM, NM, OSM  
*Institution ID:* 38-0492

**Cincinnati Sportsmedicine and Orthopaedic Center**

311 Straight St  
Cincinnati, OH 45219  
*Specialty:* OSM  
*Institution ID:* 38-8058

**Good Samaritan Hospital**

375 Dixmyth Ave  
Cincinnati, OH 45220-2480  
*Med Sch Affil:* M-03841  
*Specialty:* GS, IM, OBG, VS  
*Institution ID:* 38-0346

**Hamilton County Coroner's Office**

3159 Eden Ave  
Cincinnati, OH 45219-2299  
*Specialty:* FOP  
*Institution ID:* 38-0641

**Hoxworth Blood Center of the Univ of Cincinnati Med Ctr**

3130 Highland Ave  
PO Box 670055  
Cincinnati, OH 45267-0055  
*Specialty:* BBK  
*Institution ID:* 38-0763

**Jewish Hospital of Cincinnati**

3200 Burnet Ave Rm 555  
Cincinnati, OH 45229  
*Med Sch Affil:* L-03841  
*Specialty:* GS, IM  
*Institution ID:* 38-0428

**University of Cincinnati Hospital**

234 Goodman St  
Cincinnati, OH 45267-0700  
*Med Sch Affil:* M-03841, L-02012  
*Specialty:* AI, AN, APM, CD, CHP, D, DMP, DR, EM, END, FP, FPG, GE, GS, HEM, HMP, HSO, ID, IM, MPD, MPM, N, NEP, NM, NP, NS, OBG, OM, ON, OPH, ORS, OTO, P, PCC, PCP, PM, PMP, PS, PTH, RHU, RNR, RO, U  
*Institution ID:* 38-0405

**Cleveland****Cleveland Clinic Foundation**

9500 Euclid Avenue TT32  
Cleveland, OH 44195-5242  
*Med Sch Affil:* M-04114, M-03840, L-03806, L-02312  
*Specialty:* AI, AN, APM, BBK, CCA, CCP, CD, CHN, CRS, D, DMP, DR, END, GE, GS, HO, HSO, ID, IM, IMG, MM, MPD, N, NEP, NS, OPH, ORS, OSM, OTO, P, PCC, PD, PDR, PG, PN, PS, PTH, RHU, RNR, RO, TS, TY, U, VIR, VS  
*Institution ID:* 38-0393

**Cuyahoga County Coroner's Office**

2121 Adelbert Rd  
Cleveland, OH 44106-2624  
*Specialty:* FOP  
*Institution ID:* 38-0198

**Health Cleveland Corporation**

18101 Lorain Ave  
Cleveland, OH 44111-5656  
*Specialty:* FP, GS, IM  
*Institution ID:* 38-8021

**Meridia Huron Hospital**

13951 Terrace Rd  
Cleveland, OH 44112  
*Med Sch Affil:* L-03806  
*Specialty:* AN, GS, IM  
*Institution ID:* 38-0170

**MetroHealth Medical Center**

2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
*Med Sch Affil:* M-03806  
*Specialty:* AN, CD, D, DR, EM, FP, GE, HMP, IM, IMG, MPD, MPM, NPM, OBG, P, PCC, PCP, PD, PM, PTH, RHU  
*Institution ID:* 38-0173

**Mount Sinai Medical Center of Cleveland**

Office of Medical Affairs  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
*Med Sch Affil:* M-03806  
*Specialty:* DR, EM, IM, OBG, OPH, ORS, PTH, TY  
*Institution ID:* 38-0169

**St Luke's Medical Center**

11311 Shaker Blvd  
Cleveland, OH 44104-9989  
*Med Sch Affil:* M-03806  
*Specialty:* GS, IM, OBG, OPH, ORS  
*Institution ID:* 38-0370

**University Hospitals of Cleveland**

11100 Euclid Ave  
Cleveland, OH 44106-2602  
*Med Sch Affil:* M-03806  
*Specialty:* AN, BBK, CCA, CCM, CCP, CD, CHN, CHP, D, DR, END, FP, GE, GS, HEM, HMP, ID, IM, IMG, N, NEP, NP, NPM, NS, OBG, OMO, ON, OPH, ORS, OTO, P, PD, PDC, PDE, PDP, PG, PHO, PIP, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 38-0373

**Columbus****Children's Hospital**

700 Children's Dr  
Columbus, OH 43205-2596  
*Med Sch Affil:* M-03840  
*Specialty:* PG, PMP  
*Institution ID:* 38-0491

**Grant Medical Center**

111 S Grant Ave  
Columbus, OH 43215  
*Med Sch Affil:* M-03840  
*Specialty:* CRS, FP  
*Institution ID:* 38-0317

**Mount Carmel Medical Center**

Dept of Medical Education  
793 W State St  
Columbus, OH 43222-1560  
*Med Sch Affil:* M-03840  
*Specialty:* FP, GS, IM, OBG, ORS, TY  
*Institution ID:* 38-0245

**Ohio State University Medical Center**

410 W 10th Ave  
Columbus, OH 43210  
*Med Sch Affil:* M-03840  
*Specialty:* AN, BBK, CCA, CCP, CCS, CD, CHP, D, DMP, DR, EM, END, FP, GE, GS, HMP, HO, HSO, ID, IM, MPD, MPH, N, NEP, NP, NPM, NS, OBG, OPH, ORS, OSM, OTO, P, PCC, PD, PDC, PDE, PDP, PDS, PHO, PM, PN, PS, PTH, RHU, RNR, RO, SP, SPS, TS, U, VS  
*Institution ID:* 38-0123

**Riverside Methodist Hospitals**

Medical Education Dept  
3636 Olentangy River Rd  
Columbus, OH 43214  
*Med Sch Affil:* M-03840  
*Specialty:* FP, GS, IM, OBG, TY  
*Institution ID:* 38-0383

**Dayton****Children's Medical Center**

One Children's Plaza  
Dayton, OH 45404-1815  
*Med Sch Affil:* M-03845  
*Specialty:* MPD  
*Institution ID:* 38-0536

**Good Samaritan Hospital and Health Center**

2222 Philadelphia Dr  
Dayton, OH 45406-1891  
*Med Sch Affil:* M-03845, L-03840  
*Specialty:* FP  
*Institution ID:* 38-0315

**Miami Valley Hospital**

1 Wyoming St  
Dayton, OH 45409-2793  
*Med Sch Affil:* M-03845  
*Specialty:* FP  
*Institution ID:* 38-0431

**Office of the Montgomery County Coroner**

361 W Third St  
Dayton, OH 45402  
*Specialty:* FOP  
*Institution ID:* 38-8060

**St Elizabeth Medical Center**

601 Edwin C Moses Blvd  
Dayton, OH 45408-1498  
*Med Sch Affil:* M-03845  
*Specialty:* FP  
*Institution ID:* 38-0303

**Wright State University School of Medicine**

Wright State University  
School of Medicine  
PO Box 927  
Dayton, OH 45401-0927  
*Med Sch Affil:* M-03845  
*Specialty:* AM, CD, CHP, D, EM, GE, GS, HO, ID, IM, OBG, ORS, P, PD  
*Institution ID:* 38-0756

**Dayton (Kettering)****Kettering Medical Center**

3535 Southern Blvd  
Dayton (Kettering), OH 45429-1298  
*Med Sch Affil:* M-03845  
*Specialty:* IM, PS, PTH, TY  
*Institution ID:* 38-0515

**Rootstown****Northeastern Ohio Universities College of Medicine**

PO Box 95  
Rootstown, OH 44272-0095  
*Med Sch Affil:* M-03844  
*Specialty:* P  
*Institution ID:* 38-0755

**Sylvania****Flower Hospital**

5200 Harroun Rd  
Sylvania, OH 43560  
*Med Sch Affil:* L-03843  
*Specialty:* FP  
*Institution ID:* 38-0362

**Toledo****Medical College of Ohio Hospital**

PO Box 10008  
Toledo, OH 43699-0008  
*Med Sch Affil:* M-03843  
*Specialty:* AN, CD, CHP, DR, END, FP, GE, GS, HSP, ID, IM, MPD, NEP, OAR, OBG, ON, ORS, P, PD, PM, PMP, PS, PTH, TY, U  
*Institution ID:* 38-0533

**Mercy Hospital of Toledo**

2200 Jefferson Ave  
Toledo, OH 43624-1181  
*Med Sch Affil:* M-03843  
*Specialty:* FP, TY  
*Institution ID:* 38-0210

**St Vincent Medical Center**

2213 Cherry St  
Toledo, OH 43608-2691  
*Med Sch Affil:* M-03843  
*Specialty:* EM  
*Institution ID:* 38-0180

**Toledo Hospital**

2142 N Cove Blvd  
Toledo, OH 43606-3895  
*Med Sch Affil:* M-03843  
*Specialty:* FP  
*Institution ID:* 38-0218

**Worthington****Harding Hospital**

445 E Granville Rd  
Worthington, OH 43085-3195  
*Med Sch Affil:* M-03840  
*Specialty:* P  
*Institution ID:* 38-0111

**Wright-Patterson AFB****USAF Medical Center (Wright-Patterson)**

4881 Sugar Maple Dr  
Wright-Patterson AFB, OH 45433-5529  
*Med Sch Affil:* M-03845, M-02312  
*Specialty:* IM  
*Institution ID:* 38-0336

**Youngstown****St Elizabeth Hospital Medical Center**

1044 Belmont Ave  
PO Box 1790  
Youngstown, OH 44501-1790  
*Med Sch Affil:* M-03844  
*Specialty:* DR, FP, GS, IM, OBG, TY  
*Institution ID:* 38-0145

**Tod Children's Hospital**

Western Reserve Care System  
345 Oak Hill Ave  
PO Box 990  
Youngstown, OH 44501-0990  
*Med Sch Affil:* M-03844  
*Specialty:* MPD  
*Institution ID:* 38-0754

**Western Reserve Care System**

345 Oak Hill Ave  
Youngstown, OH 44501  
*Specialty:* AN, FP, GS, IM, PD, PTH, TY  
*Institution ID:* 38-8061

**Oklahoma****Enid****Bass Memorial Baptist Hospital**

600 S Monroe  
PO Box 3168  
Enid, OK 73702-3168  
*Med Sch Affil:* G-03901  
*Specialty:* FP  
*Institution ID:* 39-0488

**Norman****Griffin Memorial Hospital**

900 E Main St  
PO Box 151  
Norman, OK 73070-0151  
*Med Sch Affil:* G-03901  
*Specialty:* P  
*Institution ID:* 39-0286

**Oklahoma City****Baptist Medical Center of Oklahoma**

3300 NW Expwy  
Oklahoma City, OK 73112-4481  
*Med Sch Affil:* G-03901  
*Specialty:* DR, HSO  
*Institution ID:* 39-0475

**Office of the Chief Medical Examiner-State of Oklahoma**

901 N Stonewall  
Oklahoma City, OK 73117-1111  
*Specialty:* FOP  
*Institution ID:* 39-0485

**St Anthony Hospital**

1000 N Lee  
PO Box 205  
Oklahoma City, OK 73101-0205  
*Med Sch Affil:* G-03901  
*Specialty:* FP  
*Institution ID:* 39-0115

**University Hospital and Clinics**

PO Box 26307  
Oklahoma City, OK 73126  
*Med Sch Affil:* M-03901  
*Specialty:* MPD  
*Institution ID:* 39-0121

**University of Oklahoma College of Medicine-Oklahoma City**

Dean's Office  
PO Box 26901  
Oklahoma City, OK 73190  
*Med Sch Affil:* M-03901  
*Specialty:* AN, CD, CHP, D, DMP, DR, EM, END, FP, GE, GS, HO, ID, IM, IMG, N, NEF, NM, NP, NPM, NS, OBG, OM, OPH, ORS, OSM, OTO, P, PCC, PD, PDE, PDS, PG, PHO, PS, PTH, RHU, RO, TS, TY, U, VIR  
*Institution ID:* 39-0477

**Tulsa****In His Image Inc**

7306 S Lewis Ave Ste 100  
Tulsa, OK 74136-6840  
*Specialty:* FP  
*Institution ID:* 39-8016

**University of Oklahoma College of Medicine-Tulsa**

2808 S Sheridan Rd  
Tulsa, OK 74129-1077  
*Med Sch Affil:* M-03901  
*Specialty:* FP, GS, IM, MPD, NPM, OBG, P, PD  
*Institution ID:* 39-9501

**Oregon****Portland****Emanuel Hospital and Health Center**

2801 N Gantenbein Ave  
Portland, OR 97227  
*Med Sch Affil:* M-04002  
*Specialty:* GS, IM, TY  
*Institution ID:* 40-0229

**Oregon Health Sciences University Hospital**

3181 SW Sam Jackson Park Rd L579  
Portland, OR 97201-3098  
*Med Sch Affil:* M-04002  
*Specialty:* AN, APM, CCM, CD, CHP, D, DR, EM, END, FP, GE, GS, HEM, HSP, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PDF, PH, PS, PTH, RHU, RO, TS, U, VS  
*Institution ID:* 40-0109

**Providence Medical Center**

4805 NE Glisan St  
Portland, OR 97213-2967  
*Med Sch Affil:* G-04002  
*Specialty:* IM  
*Institution ID:* 40-0398

**Shriners Hospital for Crippled Children (Portland)**

3101 SW Sam Jackson Park Rd  
Portland, OR 97201-4698  
*Med Sch Affil:* L-04002  
*Specialty:* OP  
*Institution ID:* 40-0325

**St Vincent Hospital and Medical Center**

9205 SW Barnes Rd Ste 20  
Portland, OR 97225-6661  
*Med Sch Affil:* M-04002  
*Specialty:* IM, PTH  
*Institution ID:* 40-0133

**Pennsylvania****Abington****Abington Memorial Hospital**

1200 Old York Rd  
Abington, PA 19001-3788  
*Med Sch Affil:* M-04113, L-04109, L-04101  
*Specialty:* FP, GS, IM, OBG  
*Institution ID:* 41-0455

**Allentown****Lehigh Valley Hospital**

Cedar Crest & I-78  
PO Box 689  
Allentown, PA 18105-1556  
*Med Sch Affil:* M-04114, M-04109, L-04113  
*Specialty:* CRS, GS, IM, OBG, PS, TY  
*Institution ID:* 41-0724

**Sacred Heart Hospital**

421 Chew St  
Allentown, PA 18102-3490  
*Med Sch Affil:* M-04113  
*Specialty:* FP  
*Institution ID:* 41-0179

**Altoona****Altoona Hospital**

602 Howard Ave  
Altoona, PA 16601-4899  
*Med Sch Affil:* L-04114  
*Specialty:* FP  
*Institution ID:* 41-0220

**Bala Cynwyd****Mercy Catholic Medical Center Inc**

One Bala Plaza Ste 402  
Bala Cynwyd, PA 19004  
*Specialty:* DR, GS, IM, TY  
*Institution ID:* 41-8029

**Beaver****The Medical Center (Beaver PA)**

1000 Dutch Ridge Rd  
Beaver, PA 15009-9700  
*Med Sch Affil:* L-04114, L-04101  
*Specialty:* FP  
**Institution ID:** 41-0747

**Bethlehem****St Luke's Hospital**

801 Ostrum St  
Bethlehem, PA 18015-9982  
*Med Sch Affil:* M-04113  
*Specialty:* GS, IM, OBG, TY  
**Institution ID:** 41-0234

**Bryn Mawr****Bryn Mawr Hospital**

130 S Bryn Mawr Ave  
Bryn Mawr, PA 19010-3160  
*Med Sch Affil:* M-04102, L-04101, G-04107  
*Specialty:* DR, FP  
**Institution ID:** 41-0274

**Danville****Geisinger Medical Center**

N Academy Ave  
Danville, PA 17822  
*Med Sch Affil:* M-04102, L-04109  
*Specialty:* AN, CD, D, DR, EM, FP, GE, GS, IM, MPD, OBG, OPH, ORS, OTO, PCF, PD, PTH, PUD, RHU, U, VS  
**Institution ID:** 41-0240

**Easton****Easton Hospital**

250 S 21st St  
Easton, PA 18042-3892  
*Med Sch Affil:* M-04109  
*Specialty:* GS, IM, TY  
**Institution ID:** 41-0420

**Erie****Hamot Medical Center**

201 State St  
Erie, PA 16550-0001  
*Med Sch Affil:* L-04114, L-04107, L-02312  
*Specialty:* FP, ORS, TY  
**Institution ID:** 41-0452

**St Vincent Health Center**

232 W 25th St  
Erie, PA 16544  
*Med Sch Affil:* L-04114  
*Specialty:* CRS, FP  
**Institution ID:** 41-0191

**Harrisburg****Harrisburg Hospital**

111 S Front St  
Harrisburg, PA 17101-2099  
*Med Sch Affil:* M-04114  
*Specialty:* FP  
**Institution ID:** 41-0356

**Polyclinic Medical Center**

2601 N Third St  
Harrisburg, PA 17110  
*Med Sch Affil:* M-04114  
*Specialty:* FP, GS, IM  
**Institution ID:** 41-0463

**Hershey****Penn State University Hospital-Milton S Hershey Med Ctr**

PO Box 850  
500 University Dr  
Hershey, PA 17033  
*Med Sch Affil:* M-04114  
*Specialty:* AN, APM, CCA, CCM, CCP, CGS, CD, CHP, D, DR, END, FP, GE, GS, HO, ID, IM, MPD, N, NEP, NPM, NS, OBG, OPH, ORS, OTO, P, PD, PDC, PS, PTH, PUD, TS, U, VIR, VS  
**Institution ID:** 41-0528

**Johnstown****Conemaugh Valley Memorial Hospital**

1086 Franklin St  
Johnstown, PA 15905-4398  
*Med Sch Affil:* M-04113, L-04114  
*Specialty:* FP, GS, IM, PTH, TY  
**Institution ID:** 41-0236

**Kingston****Nesbitt Memorial Hospital**

562 Wyoming Ave  
Kingston, PA 18704-3784  
*Specialty:* FP  
**Institution ID:** 41-0521

**Lancaster****Lancaster General Hospital**

555 N Duke St  
PO Box 3555  
Lancaster, PA 17604-3555  
*Med Sch Affil:* M-04113, L-04114, L-04101  
*Specialty:* FP, TY  
**Institution ID:** 41-0107

**Latrobe****Latrobe Area Hospital**

121 W Second Ave  
Latrobe, PA 15650-1096  
*Med Sch Affil:* M-04102  
*Specialty:* FP  
**Institution ID:** 41-0715

**McKeesport****McKeesport Hospital**

1500 Fifth Ave  
McKeesport, PA 15132-2483  
*Med Sch Affil:* M-04113, M-04107  
*Specialty:* FP, GS, IM  
**Institution ID:** 41-0497

**Monroeville (Pittsburgh)****Forbes Regional Hospital**

2570 Haymaker Rd  
Monroeville (Pittsburgh), PA 15146  
*Med Sch Affil:* M-04112  
*Specialty:* FP  
**Institution ID:** 41-0524

**Norristown****Montgomery Hospital**

1301 Powell St  
Norristown, PA 19401-0992  
*Med Sch Affil:* M-04113, L-04101  
*Specialty:* FP  
**Institution ID:** 41-0495

**Norristown State Hospital**

Stanbridge and Sterigere Sts  
Norristown, PA 19401-5397  
*Med Sch Affil:* L-04107  
*Specialty:* P  
**Institution ID:** 41-0282

**Philadelphia****Albert Einstein Medical Center**

5501 Old York Rd  
Philadelphia, PA 19141-3098  
*Med Sch Affil:* M-04113  
*Specialty:* AN, APM, CD, CHP, DR, EM, GE, GS, IM, IMG, MP, MPM, NEP, NPM, OBG, ORS, P, PD, RHU, RO, TY  
**Institution ID:** 41-0450

**Chestnut Hill Hospital**

8835 Germantown Ave  
Philadelphia, PA 19118-2767  
*Med Sch Affil:* M-04102  
*Specialty:* FP, TY  
**Institution ID:** 41-0358

**Children's Hospital of Philadelphia**

One Children's Center  
34th St and Civic Center Blvd  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101, L-04109, G-04107, G-04102  
*Specialty:* AI, CCP, CHN, NPM, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PN, SP, UP  
**Institution ID:** 41-0189

**Episcopal Hospital**

100 E Lehigh Ave  
Philadelphia, PA 19125-1098  
*Med Sch Affil:* M-04107, L-04109  
*Specialty:* CD, GS, IM  
**Institution ID:** 41-0424

**Fox Chase Cancer Center**

7701 Burholme Ave  
Philadelphia, PA 19111-2497  
*Med Sch Affil:* M-04113, L-04109, L-04107  
*Specialty:* RO, SP  
**Institution ID:** 41-0529

**Graduate Hospital**

One Graduate Plaza  
1800 Lombard St  
Philadelphia, PA 19146-1497  
*Med Sch Affil:* M-04113, M-04101, L-04107, G-04109  
*Specialty:* CD, GE, GS, IM, OSM, PM, PUD  
**Institution ID:** 41-0144

**Hahnemann University Hospital**

New College Building MS 400  
Broad and Vine Sts MS300  
Philadelphia, PA 19102-1192  
*Med Sch Affil:* M-04109, G-04113  
*Specialty:* AN, CD, CHP, D, DMP, DR, END, GE, GS, HO, ID, IM, N, NEP, NM, NS, OBG, OPH, ORS, P, PCC, PD, RHU, RNR, RO, TS, TY, VS  
**Institution ID:** 41-0484

**Hospital of the University of Pennsylvania**

3400 Spruce St  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101  
*Specialty:* AI, AN, APM, BBK, CCA, CCM, CD, D, DMP, DR, END, GE, GS, HEM, HSO, ID, IM, IMG, N, NEP, NM, NP, NR, NS, OAR, OBG, ON, OPH, ORS, OSM, OTO, P, PCP, PM, PMP, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR, VS  
**Institution ID:** 41-0106

**Medical College of Pennsylvania Hospital**

New College Building MS 400  
Broad and Vine  
Philadelphia, PA 19102

*Specialty:* CD, CHP, DR, EM, END, GE, GS, HEM, ID, IM, IMG, N, NEP, OBG, ON, ORS, P, PCC, PCP, PTH, RHU, TY  
*Institution ID:* 41-0736

**Office of the Medical Examiner**

321 University Ave  
Philadelphia, PA 19104  
*Med Sch Affil:* L-04107

*Specialty:* FOP  
*Institution ID:* 41-0136

**Pennsylvania Hospital**

800 Spruce St  
Philadelphia, PA 19107  
*Med Sch Affil:* M-04102, M-04101, G-04113

*Specialty:* DR, GS, IM, N, OBG, P, PTH, VS  
*Institution ID:* 41-0235

**Philadelphia Child Guidance Center**

34th St and Civic Center Blvd  
Philadelphia, PA 19104  
*Med Sch Affil:* L-04101

*Specialty:* CHP  
*Institution ID:* 41-0127

**Presbyterian Medical Center of Philadelphia**

51 N 39th St  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101

*Specialty:* CD, DR, GE, HEM, IM, ON, PUD, TY  
*Institution ID:* 41-0323

**St Christopher's Hospital for Children**

Erie Ave at Front St  
Philadelphia, PA 19134-1095

*Med Sch Affil:* M-04113, M-04107, G-04109, G-04102  
*Specialty:* CHN, NPM, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PN, SP  
*Institution ID:* 41-0380

**Temple University Hospital**

Broad and Ontario Sts  
Philadelphia, PA 19140-3615  
*Med Sch Affil:* M-04113

*Specialty:* AN, APM, CCA, CD, DR, END, GE, GS, HEM, ID, IM, MPM, N, NEP, NM, NR, NS, OBG, ON, OP, OPH, ORS, OSM, OTO, P, PCC, PM, PS, PTH, RHU, RNR, U, VS  
*Institution ID:* 41-0413

**Thomas Jefferson University Hospital**

111 S 11th St  
Philadelphia, PA 19107-5096  
*Med Sch Affil:* M-04102, L-04107

*Specialty:* AI, AN, APM, BBK, CD, CHN, CHP, CRS, D, DMP, DR, EM, END, FP, FPG, GE, GS, HEM, HSO, ID, IM, N, NEP, NM, NPM, NS, OAR, OBG, ON, ORS, OSM, OTO, P, PCC, PCH, PCP, PD, PM, PTH, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 41-0224

**Wills Eye Hospital**

900 Walnut St  
Philadelphia, PA 19107-5598  
*Med Sch Affil:* M-04102

*Specialty:* OPH  
*Institution ID:* 41-0494

**Pittsburgh****Allegheny County Coroner's Office**

542 Fourth Ave  
Pittsburgh, PA 15219-2186  
*Specialty:* FOP  
*Institution ID:* 41-0531

**Allegheny General Hospital**

320 E North Ave  
Pittsburgh, PA 15212-4772  
*Med Sch Affil:* M-04107

*Specialty:* AN, CD, DR, EM, GE, GS, HMP, HSO, IM, MEM, N, NEP, NS, OBG, ON, ORS, P, PTH, PUD, RNR, RO, TS  
*Institution ID:* 41-0465

**Children's Hospital of Pittsburgh**

One Children's Pl  
3705 Fifth Ave at Desoto St  
Pittsburgh, PA 15213-2583

*Med Sch Affil:* M-04112  
*Specialty:* PG  
*Institution ID:* 41-0161

**Mercy Hospital of Pittsburgh**

1400 Locust St  
Pittsburgh, PA 15219-5166  
*Med Sch Affil:* M-04112, L-04102

*Specialty:* AN, CCA, DR, GS, IM, PD, TY  
*Institution ID:* 41-0196

**Shadyside Hospital**

5230 Centre Ave  
Pittsburgh, PA 15232-1304

*Med Sch Affil:* M-04112, L-04114  
*Specialty:* CD, END, FP, GE, IM, IMG, PTH, TY  
*Institution ID:* 41-0482

**St Francis Medical Center**

400 45th St  
Pittsburgh, PA 15201-1198  
*Med Sch Affil:* M-04112

*Specialty:* DR, IM, MP, MPM, OPH, P, PM, TY  
*Institution ID:* 41-0271

**St Margaret Memorial Hospital**

815 Freeport Rd  
Pittsburgh, PA 15215-3399

*Med Sch Affil:* M-04112, L-04114  
*Specialty:* FP, FPG  
*Institution ID:* 41-0324

**University Health Center of Pittsburgh**

Graduate Medical Education Office  
121 Meyran Ave  
201 Loeffler Bldg  
Pittsburgh, PA 15260

*Med Sch Affil:* M-04112  
*Specialty:* AI, AN, APM, CCA, CCM, CCP, CCS, CD, CHN, CHP, D, DMP, DR, EM, END, GE, GS, HEM, HMP, HSO, HSP, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OAR, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PCH, PCP, PD, PDC, PDE, PDP, PDR, PDS, PHO, PM, PN, PS, PTH, RHU, RNR, TS, TY, U  
*Institution ID:* 41-8024

**University of Pittsburgh Graduate School of Public Health**

130 Desoto St  
Pittsburgh, PA 15261-2195

*Specialty:* OM  
*Institution ID:* 41-0118

**Western Pennsylvania Hospital**

4800 Friendship Ave  
Pittsburgh, PA 15224-1793  
*Med Sch Affil:* M-04112

*Specialty:* AN, CD, DR, GE, GS, HEM, IM, OBG, PUD, TY, VIR  
*Institution ID:* 41-0122

**Reading****Reading Hospital and Medical Center**

PO Box 16052  
Reading, PA 19612-6052  
*Med Sch Affil:* M-04113, L-04114, L-04101  
*Specialty:* DR, FP, IM, OBG, TY  
*Institution ID:* 41-0305

**St Joseph Hospital**

PO Box 316  
12th and Walnut Sts  
Reading, PA 19603-0316  
*Med Sch Affil:* L-04114

*Specialty:* FP  
*Institution ID:* 41-0485

**Sayre****Guthrie Healthcare System**

Guthrie Sq  
Sayre, PA 18840

*Specialty:* FP  
*Institution ID:* 41-8021

**Robert Packer Hospital**

Guthrie Sq  
Sayre, PA 18840-9984

*Med Sch Affil:* M-04109, M-03515  
*Specialty:* CD, GE, GS, IM, PUD, RHU  
*Institution ID:* 41-0352

**Scranton****Scranton-Temple Residency Program Inc**

746 Jefferson Ave  
Scranton, PA 18510

*Specialty:* IM  
*Institution ID:* 41-0719

**Upland****Delaware County Memorial Hospital**

Crozer-Chester Medical Center  
One Medical Center Blvd.  
Upland, PA 19013-3995

*Med Sch Affil:* L-04107, G-04113  
*Specialty:* FP  
*Institution ID:* 41-0505

**Washington****Washington Hospital**

155 Wilson Ave  
Washington, PA 15301  
*Med Sch Affil:* L-04114

*Specialty:* FP  
*Institution ID:* 41-0385

**Wilkes-Barre****Veterans Affairs Medical Center (Wilkes-Barre)**

1111 East End Blvd  
Wilkes-Barre, PA 18711-0026  
*Med Sch Affil:* G-04113, G-04109

*Specialty:* IM, PUD  
*Institution ID:* 41-0517

**Williamsport****Williamsport Hospital and Medical Center**

777 Rural Ave  
Williamsport, PA 17701-3198  
*Med Sch Affil:* L-04114, L-04101

*Specialty:* FP  
*Institution ID:* 41-0147

**Wynnewood****Lankenau Hospital**

100 Lancaster Ave West of City Line  
Wynnewood, PA 19096-3498

*Med Sch Affil:* M-04102, L-04107, L-04101, G-04113  
*Specialty:* CD, GE, GS, HO, IM, NEP, OBG, PCP, PTH  
*Institution ID:* 41-0403



**York****York Hospital**

1001 S George St  
York, PA 17405  
*Med Sch Affil:* M-04114, M-04101, L-02301  
*Specialty:* EM, FP, GS, IM, OBG, TY  
*Institution ID:* 41-0142

**Puerto Rico****Bayamon****Hospital San Pablo**

Calle Santa Cruz #70  
Urb Santa Cruz  
Bayamon, PR 00960  
*Med Sch Affil:* L-04203  
*Specialty:* FP  
*Institution ID:* 42-0473

**University Hospital Ramon Ruiz Arnau**

Avenidas Laurel y Santa Juanita  
Bayamon, PR 00956-6032  
*Med Sch Affil:* M-04203  
*Specialty:* FP, IM, PD, TY  
*Institution ID:* 42-7019

**Caguas****Caguas Regional Hospital**

PO Box 5729  
Caguas, PR 00726  
*Med Sch Affil:* M-04201  
*Specialty:* FP, FPG, IM, OBG, PD, TY  
*Institution ID:* 42-0470

**Manati****Hospital Dr Alejandro Otero Lopez**

PO Box 1142  
Manati, PR 00674  
*Specialty:* FP  
*Institution ID:* 42-8016

**Mayaguez****Dr Ramon E Betances  
Hospital-Mayaguez Medical Center**

410 Carretera #2  
Mayaguez, PR 00680-1522  
*Med Sch Affil:* M-04201  
*Specialty:* GS, IM, OBG, PD, TY  
*Institution ID:* 42-0467

**Ponce****Dr Pila Hospital**

PO Box 1910  
Ponce, PR 00733-1910  
*Med Sch Affil:* L-04202  
*Specialty:* FP  
*Institution ID:* 42-7016

**Hospital de Damas**

Ponce Bypass  
Ponce, PR 00731  
*Med Sch Affil:* M-04202  
*Specialty:* CD, GE, IM, PUD, TY  
*Institution ID:* 42-0289

**Ponce Regional Hospital**

Bo Machuelo  
Carretera #14  
Ponce, PR 00731  
*Med Sch Affil:* M-04201, L-04202  
*Specialty:* GS, IM, OBG, PD, TY  
*Institution ID:* 42-0194

**Rio Piedras****San Juan City Hospital**

Hicaco #53  
Milaville  
Rio Piedras, PR 00926  
*Med Sch Affil:* M-04203, M-04201  
*Specialty:* CD, END, HEM, IM, OBG, ON, PD, PUD, RHU, TY  
*Institution ID:* 42-0320

**San German****Hospital de la Concepcion**

Box 285  
San German, PR 00683-0001  
*Med Sch Affil:* M-04202  
*Specialty:* IM  
*Institution ID:* 42-0478

**San Juan****Puerto Rico Institute of Psychiatry**

San Patricio Mental Health Center  
GPO Box 3741  
San Juan, PR 00936-3741  
*Specialty:* P  
*Institution ID:* 42-0387

**University of Puerto Rico School of  
Medicine**

PO Box 365067  
San Juan, PR 00936-5067  
*Med Sch Affil:* M-04201  
*Specialty:* AN, CD, CHF, D, DR, EM, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PD, PDP, PHO, PM, PTH, PUD, RHU, RO, U  
*Institution ID:* 42-0464

**Veterans Affairs Medical Center (San  
Juan)**

One Veterans Plaza  
San Juan, PR 00927-5800  
*Med Sch Affil:* M-04201, L-04203  
*Specialty:* CD, ID, IM, NEP, PM, PUD  
*Institution ID:* 42-0265

**Rhode Island****East Providence****Emma Pendleton Bradley Hospital**

1011 Veterans Memorial Pkwy  
East Providence, RI 02915  
*Med Sch Affil:* M-04301  
*Specialty:* CPP  
*Institution ID:* 43-0432

**Pawtucket****Memorial Hospital of Rhode Island**

111 Brewster St  
Pawtucket, RI 02860  
*Med Sch Affil:* M-04301, L-03201  
*Specialty:* FP, IM  
*Institution ID:* 43-0436

**Providence****Butler Hospital**

345 Blackstone Blvd  
Providence, RI 02906  
*Med Sch Affil:* M-04301  
*Specialty:* P  
*Institution ID:* 43-0483

**Miriam Hospital**

The Miriam Hospital  
164 Summit Ave  
Providence, RI 02906  
*Med Sch Affil:* M-04301  
*Specialty:* CCM, IM, TY  
*Institution ID:* 43-0232

**Rhode Island Hospital**

593 Eddy St  
Providence, RI 02903-4970  
*Med Sch Affil:* M-04301, G-02416  
*Specialty:* AI, CCM, CCS, CD, CHN, CHP, DR, EM, END, GE, GS, IM, N, NEP, NP, NS, OP, OPH, ORS, PD, PDE, PG, PHO, PS, PTH, SPS, U  
*Institution ID:* 43-0281

**Roger Williams Medical Center**

825 Chalkstone Ave  
Providence, RI 02908-4735  
*Med Sch Affil:* M-04301  
*Specialty:* CD, D, DMP, HEM, ID, IM, ON, PUD, RHU  
*Institution ID:* 43-0438

**Women and Infants Hospital of Rhode  
Island**

101 Dudley St  
Providence, RI 02905-2401  
*Med Sch Affil:* M-04301  
*Specialty:* NPM, OBG  
*Institution ID:* 43-0334

**South Carolina****Anderson****Anderson Area Medical Center**

800 N Fant St  
Anderson, SC 29621  
*Med Sch Affil:* L-04504, L-04501  
*Specialty:* FP  
*Institution ID:* 45-0732

**Charleston****Medical University of South Carolina  
College of Medicine**

171 Ashley Ave  
Charleston, SC 29425-2201  
*Med Sch Affil:* M-04501  
*Specialty:* AN, CD, CHF, D, DMP, DR, END, FOP, FP, GE, GS, HO, ID, IM, N, NEP, NM, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PCP, PD, PDC, PDR, PHO, PM, PS, PTH, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 45-9501

**Columbia****Richland Memorial Hospital-Univ of  
South Carolina Sch of Med**

Five Richard Medical Pk  
Attn: Brian J Jowers  
Columbia, SC 29203  
*Med Sch Affil:* M-04504, L-04501  
*Specialty:* AN, APM, CD, EM, END, FP, GE, GS, IM, OBG, ON, OPH, ORS, PD, PHO, PUD  
*Institution ID:* 45-0366

**University of South Carolina School of  
Medicine**

Office of the Dean  
6439 Garners Ferry Rd  
Columbia, SC 29209  
*Med Sch Affil:* M-04504  
*Specialty:* MPH  
*Institution ID:* 45-8001

**William S Hall Psych Inst-Univ of South Carolina Sch of Med**

PO Box 202  
Columbia, SC 29202-0202  
*Med Sch Affil:* M-04504, L-04501  
*Specialty:* CHP, P  
*Institution ID:* 45-0484

**Florence****McLeod Regional Medical Center**

555 E Cheves St  
Florence, SC 29506-2617  
*Med Sch Affil:* L-04504, L-04501  
*Specialty:* FP  
*Institution ID:* 45-0239

**Greenville****Greenville Hospital System**

701 Grove Rd  
Greenville, SC 29605-4295  
*Med Sch Affil:* M-04504, L-04501  
*Specialty:* FP, GS, IM, OBG, ORS, PD, TY  
*Institution ID:* 45-0367

**Greenwood****Self Memorial Hospital**

1325 Spring St  
Greenwood, SC 29646-3875  
*Med Sch Affil:* L-04504, L-04501  
*Specialty:* FP  
*Institution ID:* 45-7024

**Spartanburg****Spartanburg Regional Medical Center**

101 E Wood St  
Spartanburg, SC 29303-3072  
*Med Sch Affil:* L-04504, L-04501  
*Specialty:* FP, GS, TY  
*Institution ID:* 45-0162

**South Dakota****Rapid City****Rapid City Regional Hospital**

353 Fairmont Blvd  
PO Box 6000  
Rapid City, SD 57709  
*Specialty:* FP  
*Institution ID:* 46-8005

**Sioux Falls****University of South Dakota School of Medicine**

USD Health Science Center  
1400 W 22nd St  
Sioux Falls, SD 57105-1570  
*Med Sch Affil:* M-04601  
*Specialty:* CHP, FP, IM, P, PTH, TY  
*Institution ID:* 46-9501

**Tennessee****Chattanooga****University of Tennessee College of Medicine-Chattanooga**

921 E Third St Ste 400  
Chattanooga, TN 37403  
*Med Sch Affil:* M-04706  
*Specialty:* GS, IM, OBG, OPH, ORS, OSM, PD, PM, PS, TY  
*Institution ID:* 47-0490

**Jackson****Jackson-Madison County General Hospital**

294 Summar Dr  
Jackson, TN 38301-3983  
*Med Sch Affil:* M-04706  
*Specialty:* FP  
*Institution ID:* 47-0480

**Johnson City****James H Quillen College of Medicine**

Box 70571  
East Tennessee State University  
Johnson City, TN 37614-0571  
*Med Sch Affil:* M-04720  
*Specialty:* CD, FP, GE, GS, HO, ID, IM, IMG, MPD, OBG, P, PD, PTH, PUD  
*Institution ID:* 47-0492

**Knoxville****University of Tennessee Graduate School of Medicine**

1924 Alcoa Hwy  
Knoxville, TN 37920-6999  
*Med Sch Affil:* M-04706  
*Specialty:* AN, CCA, CCS, DR, FP, GS, IM, NM, OBG, PD, PTH, TY, VS  
*Institution ID:* 47-0448

**Memphis****Baptist Memorial Hospital**

899 Madison Ave  
Memphis, TN 38146  
*Med Sch Affil:* M-04706  
*Specialty:* DR, TY  
*Institution ID:* 47-0382

**Methodist Hospital-Central Unit**

1265 Union Ave  
Memphis, TN 38104-3415  
*Med Sch Affil:* M-04706  
*Specialty:* DR, IM, TY  
*Institution ID:* 47-0113

**University of Tennessee College of Medicine**

956 Court Ave PO Box 19A  
Memphis, TN 38163-9999  
*Med Sch Affil:* M-04706, L-04707  
*Specialty:* AI, AN, CCM, CCP, CCS, CD, CHN, CHP, D, DMP, DR, END, FOP, FP, GE, GS, HEM, HSO, ID, IM, IMG, MPD, N, NEP, NPM, NS, OBG, ON, OP, OPH, ORS, OTO, P, PD, PDC, PDE, PDR, PDS, PHO, PN, PS, PTH, PUD, RHU, TS, U, UP, VIR, VS  
*Institution ID:* 47-0474

**Nashville****Baptist Hospital**

Department of Medicine  
2000 Church St  
Nashville, TN 37236-0001  
*Med Sch Affil:* M-04706, L-04705  
*Specialty:* IM  
*Institution ID:* 47-0163

**George W Hubbard Hospital of Meharry Medical College**

1005 D B Todd Blvd  
Nashville, TN 37208  
*Med Sch Affil:* M-04707  
*Specialty:* FP, GPM, IM, OM, P  
*Institution ID:* 47-0255

**Vanderbilt University Medical Center**

1161 21st Ave S  
Nashville, TN 37232-5283  
*Med Sch Affil:* M-04705  
*Specialty:* AI, AN, APM, BBK, CCP, CCS, CD, CHN, CHP, D, DR, EM, END, GE, GS, HO, ID, IM, MPD, N, NEP, NM, NP, NPM, NS, OBG, OPH, ORS, OTO, P, FCC, PD, PDC, PDE, PDP, PDR, PG, PHO, PN, PS, PTH, RHU, RNR, TS, U, VS  
*Institution ID:* 47-0467

**Texas****Amarillo****Texas Tech University Health Sciences Center at Amarillo**

1400 Wallace Blvd  
Amarillo, TX 79106  
*Med Sch Affil:* M-04815  
*Specialty:* FP, IM, OBG, PD  
*Institution ID:* 48-0520

**Austin****Austin State Hospital**

4110 Guadalupe  
Austin, TX 78751-4296  
*Specialty:* CHP, P  
*Institution ID:* 48-0388

**Central Texas Medical Foundation**

Dept of Medical Education  
601 E 15th St  
Austin, TX 78701  
*Med Sch Affil:* L-04802  
*Specialty:* FP, IM, PD, TY  
*Institution ID:* 48-0451

**Texas Department of Health**

1100 W 49th St  
Austin, TX 78756  
*Specialty:* PH  
*Institution ID:* 48-0458

**Baytown****San Jacinto Methodist Hospital**

4401 Garth Rd  
Baytown, TX 77521  
*Med Sch Affil:* M-04814  
*Specialty:* FP  
*Institution ID:* 48-0579

**Corpus Christi****Driscoll Children's Hospital**

3533 S Alameda  
PO Box 6530  
Corpus Christi, TX 78466-6530  
*Med Sch Affil:* L-04802  
*Specialty:* PD  
*Institution ID:* 48-0157

**Memorial Medical Center**

2606 Hospital Blvd  
Corpus Christi, TX 78405-1818  
*Specialty:* FP  
*Institution ID:* 48-0257

**Dallas****Baylor University Medical Center**

3500 Gaston Ave  
Dallas, TX 75246-2088  
*Med Sch Affil:* L-04812, L-02312  
*Specialty:* CD, CRS, DR, GE, GS, ID, IM, OBG, ON, PM, PTH, TY, VIR, VS  
*Institution ID:* 48-0351

**Methodist Hospitals of Dallas**

PO Box 655999  
Dallas, TX 75265-5999  
*Med Sch Affil:* L-04812  
*Specialty:* FP, GS, IM, OBG  
*Institution ID:* 48-0407

**Presbyterian Hospital of Dallas**

8200 Walnut Hill Ln  
Dallas, TX 75231-4496  
*Med Sch Affil:* L-04812  
*Specialty:* CRS, IM  
*Institution ID:* 48-0519

**Southwestern Institute of Forensic Sciences**

5230 Medical Center Dr  
PO Box 35728  
Dallas, TX 75235-0728  
*Specialty:* FOP  
*Institution ID:* 48-0536

**St Paul Medical Center**

5909 Harry Hines Blvd  
Dallas, TX 75235-0001  
*Med Sch Affil:* L-04812  
*Specialty:* FP, GS, IM, OBG  
*Institution ID:* 48-0103

**Timberlawn Psychiatric Hospital**

4600 Samuell Blvd  
PO Box 151489  
Dallas, TX 75315-1489  
*Med Sch Affil:* L-04812  
*Specialty:* CHP  
*Institution ID:* 48-0156

**University of Texas Southwestern Medical School**

5323 Harry Hines Blvd  
Dallas, TX 75235-9002  
*Med Sch Affil:* M-04812, L-02312  
*Specialty:* AI, AN, APM, CCP, CCS, CD, CHN, CHP, D, DMP, DR, END, GE, GS, HO, HSP, ID, IM, N, NEP, NM, NP, NPM, NR, NS, OBG, OMO, OP, OPH, ORS, OTO, P, PCC, PD, PDC, PDR, PG, PHO, PIP, PM, PN, PS, PTH, RHU, RNR, SPS, TS, TY, U, VIR, VS  
*Institution ID:* 48-0316

**El Paso****Texas Tech University Health Sciences Center at El Paso**

4800 Alberta Ave  
El Paso, TX 79905-2709  
*Med Sch Affil:* M-04815, L-04802  
*Specialty:* AN, EM, FP, GS, IM, OBG, P, PD, TY  
*Institution ID:* 48-0550

**William Beaumont Army Medical Center**

ATTN: Graduate Medical Education  
WBAMC/HSBM-GME  
5005 N Piedras St  
El Paso, TX 79920-5001  
*Med Sch Affil:* M-02312, L-04802, G-04815  
*Specialty:* GS, IM, MPD, NM, OBG, ORS, PD, PTH, TY  
*Institution ID:* 48-0318

**Fort Hood****Darnall Army Community Hospital**

Darnall Loop  
Fort Hood, TX 76544-5063  
*Med Sch Affil:* M-04816, L-02312  
*Specialty:* EM  
*Institution ID:* 48-0199

**Fort Sam Houston****Brooke Army Medical Center**

2410 Stanley Rd Bldg 1029  
Fort Sam Houston, TX 78234-6200  
*Med Sch Affil:* M-02312, L-04813  
*Specialty:* AN, CCM, CCS, CD, D, DR, EM, GE, GS, HO, ID, IM, NEP, OBG, OPH, ORS, OTO, PCC, PCP, PD, PTH, TS, TY  
*Institution ID:* 48-0277

**Fort Worth****John Peter Smith Hospital (Tarrant County Hospital District)**

1500 S Main St  
Fort Worth, TX 76104-4917  
*Med Sch Affil:* G-04812  
*Specialty:* FP, OBG, ORS, P, TY  
*Institution ID:* 48-0214

**Galveston****University of Texas Medical Branch Hospitals**

301 University Blvd Rte 138  
Galveston, TX 77555-0138  
*Med Sch Affil:* M-04802, L-04815  
*Specialty:* AI, AN, CCA, CD, CHP, D, DMP, DR, END, FP, GE, GS, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PD, PDE, PDR, PHO, PN, PS, PTH, PUD, RNR, RO, TS, U  
*Institution ID:* 48-0131

**Houston****Baylor College of Medicine**

One Baylor Plaza  
Houston, TX 77030-3498  
*Med Sch Affil:* M-04804, L-04812  
*Specialty:* AI, ALI, AN, APM, BBK, CCM, CCP, CD, CHN, CHP, D, DR, END, FP, GE, GS, HEM, HMP, HSO, HSP, ID, IM, IMG, MPD, MPM, N, NEP, NM, NP, NPM, NS, OBG, ON, OP, OPH, ORS, OSM, OTO, OTR, P, PCC, PCP, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PM, PMP, PN, PS, PTH, RHU, RNR, RO, TS, TY, U, UP, VS  
*Institution ID:* 48-0211

**St Joseph Hospital**

1919 LaBranch  
Houston, TX 77002  
*Med Sch Affil:* M-04814  
*Specialty:* GS, OBG, PS, TY  
*Institution ID:* 48-0206

**Texas Heart Institute**

PO Box 20345  
MC 3-116  
Houston, TX 77225-0345  
*Med Sch Affil:* L-04815, L-04814, L-04802, G-02101  
*Specialty:* TS  
*Institution ID:* 48-0529

**University of Texas M D Anderson Cancer Center**

1515 Holcombe Blvd  
Houston, TX 77030  
*Med Sch Affil:* M-04814, L-04804  
*Specialty:* BBK, HMP, PCH, PCP, RO, SP  
*Institution ID:* 48-0404

**University of Texas Medical School at Houston**

Ste G.0103 MSB  
6431 Fannin St  
PO Box 20708  
Houston, TX 77025  
*Med Sch Affil:* M-04814, L-04802  
*Specialty:* AN, APM, CCA, CCS, CD, CHN, CHP, CRS, D, DMP, DR, EM, END, FP, GE, GS, HEM, ID, IM, MPD, N, NEP, NPM, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PD, PDE, PHO, PN, PS, PTH, RHU, RNR, TY, U  
*Institution ID:* 48-0547

**University of Texas School of Public Health**

PO Box 20186  
Houston, TX 77225  
*Med Sch Affil:* L-04814  
*Specialty:* OM  
*Institution ID:* 48-0560

**Lackland AFB****Wilford Hall USAF Medical Center (SG)**

WHMC/ET  
2200 Bergquist St Ste 1  
Lackland AFB, TX 78236-5300  
*Med Sch Affil:* M-02312, L-04813  
*Specialty:* AI, ALI, AN, CCA, CCM, CD, D, DR, END, GE, GS, HO, ID, IM, N, NEP, NPM, OBG, OPH, ORS, OTO, P, PCP, PD, PS, PTH, PUD, RHU, TY, U, VIR  
*Institution ID:* 48-0287

**Lubbock****Texas Tech University Health Sciences Center at Lubbock**

3601 4th St  
Lubbock, TX 79430  
*Med Sch Affil:* M-04815  
*Specialty:* AN, APM, CD, CHN, D, FP, GE, GS, IM, N, NEP, OBG, OPH, ORS, P, PD, PTH  
*Institution ID:* 48-0534

**Odessa****Texas Tech University Health Sciences Center at Odessa**

800 W Fourth St  
Odessa, TX 79763-4362  
*Med Sch Affil:* M-04815  
*Specialty:* FP, MPD, OBG  
*Institution ID:* 48-0589

**Port Arthur****St Mary Hospital**

3535 Gates Blvd Ste 100  
Port Arthur, TX 77642-1111  
*Med Sch Affil:* G-04802  
*Specialty:* FP  
*Institution ID:* 48-7021

**San Antonio****Bexar County Forensic Science Center**

7337 Louis Pasteur  
San Antonio, TX 78229-4565  
*Specialty:* FOP  
*Institution ID:* 48-8027

**University of Texas Medical School at San Antonio**

Office of the Medical Dean  
Univ of Texas Health Science Ctr  
7703 Floyd Curl Dr  
San Antonio, TX 78284-7790  
*Med Sch Affil:* M-04813  
*Specialty:* AI, AN, APM, BBK, CD, CHP, D, DR, END, FP, GE, GS, HEM, HMP, HSO, ID, IM, IMG, N, NEP, NM, NS, OAR, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PCP, PD, PDE, PHO, PM, PTH, RHU, RNR, RO, SP, TS, U, VIR  
*Institution ID:* 48-9501

**USAF School of Aerospace Medicine**

USAFSAM/AF  
San Antonio, TX 78235-5301  
*Med Sch Affil:* L-02312  
*Specialty:* AM  
*Institution ID:* 48-0493

**Temple****Scott and White Memorial Hospital**

Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508-0001  
*Med Sch Affil:* M-04816, L-04802  
*Specialty:* AN, CD, DR, EM, END, FP, GE, GS, HEM, HMP, IM, MPD, OBG, ON, OPH, ORS, P, PD, PS, PTH, PUD, U  
*Institution ID:* 48-0140

**Tyler****University of Texas Health Center at Tyler**

US Hwy 271 and State Hwy 155  
PO Box 2003  
Tyler, TX 75710  
*Specialty:* FP, OM  
*Institution ID:* 48-0587

**Waco****McLennan County Medical Education and Research Foundation**

1600 Providence Dr  
PO Box 3276  
Waco, TX 76707  
*Specialty:* FP  
*Institution ID:* 48-0533

**Wichita Falls****North Central Texas Medical Foundation**

1301 3rd St  
Wichita Falls, TX 76301  
*Specialty:* FP  
*Institution ID:* 48-0555

**Utah****Murray****The Orthopedic Specialty Hospital**

5848 S 300 E  
Murray, UT 84107  
*Specialty:* OSM  
*Institution ID:* 49-8013

**Salt Lake City****FHP of Utah Inc**

35 W Broadway  
Salt Lake City, UT 84101  
*Specialty:* FP  
*Institution ID:* 49-8017

**LDS Hospital**

Eighth Ave and C St  
Salt Lake City, UT 84143-1001  
*Med Sch Affil:* M-04901, L-02312  
*Specialty:* IM, RO, TY  
*Institution ID:* 49-0340

**University of Utah Medical Center**

Graduate Medical Education  
50 N Medical Dr Rm 1C412  
Salt Lake City, UT 84132  
*Med Sch Affil:* M-04901, L-02312  
*Specialty:* AN, CCM, CCP, CD, CHN, CHP, CPP, D, DR, END, FP, GE, GS, HEM, HMP, HSO, ID, IM, IMG, MPD, N, NEP, NM, NP, NPM, NR, NS, OBG, OM, ON, OP, OPH, ORS, OSM, OSS, OTO, P, PD, PDP, PHO, PIP, PM, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 49-0247

**Vermont****Burlington****Medical Center Hospital of Vermont**

111 Colchester Ave  
Burlington, VT 05401  
*Med Sch Affil:* M-05002  
*Specialty:* AN, APM, CD, DR, END, FP, GE, GS, HO, IM, N, NEP, NPM, NS, OBG, ORS, OTO, P, PCR, PD, PTH, PUD, RHU, U  
*Institution ID:* 50-0480

**Virginia****Alexandria****Alexandria Hospital**

4320 Seminary Rd  
Alexandria, VA 22304  
*Med Sch Affil:* L-02312, G-01001  
*Specialty:* VIR  
*Institution ID:* 51-0412

**Arlington****Arlington Hospital**

1701 N George Mason Dr  
Arlington, VA 22205-3698  
*Med Sch Affil:* M-01002, L-02312  
*Specialty:* OSM  
*Institution ID:* 51-0501

**Charlottesville****University of Virginia Medical Center**

McKim Hall Rm 1044  
Jefferson Park Ave  
Charlottesville, VA 22908  
*Med Sch Affil:* M-05101  
*Specialty:* AI, AN, CCA, CCM, CCP, CD, CHN, CHP, D, DR, EM, END, FP, GE, GS, HEM, HSP, ID, IM, IMG, MP, N, NEP, NM, NP, NPM, NR, NS, OAR, OBG, ON, OPH, ORS, OTO, P, PD, PDC, PDE, PM, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U  
*Institution ID:* 51-0124

**Falls Church****Fairfax Hospital**

3300 Gallows Rd  
Falls Church, VA 22046  
*Med Sch Affil:* M-01002, L-02312, L-01001, G-05104, G-01003  
*Specialty:* PTH  
*Institution ID:* 51-0492

**Fort Belvoir****DeWitt Army Community Hospital**

US Army Medical Dept Activity  
Attn: HSXA-DCCS  
Fort Belvoir, VA 22060-5901  
*Med Sch Affil:* L-02312  
*Specialty:* FP  
*Institution ID:* 51-0377

**Lynchburg****Centra Health Inc**

2097 Langhorne Rd  
Lynchburg, VA 24501  
*Med Sch Affil:* G-05101  
*Specialty:* FP  
*Institution ID:* 51-0716

**Newport News****Riverside Regional Medical Center**

500 J Clyde Morris Blvd  
Newport News, VA 23601-1976  
*Med Sch Affil:* L-05107, G-05104, G-02312  
*Specialty:* OBG, TY  
*Institution ID:* 51-0108

**Norfolk****Eastern Virginia Graduate School of Medicine**

358 Mowbray Arch  
PO Box 1980  
Norfolk, VA 23501  
*Med Sch Affil:* M-05107  
*Specialty:* DR, EM, FP, GE, GS, IM, N, OBG, OPH, OTO, P, PD, PM, PTH, RO, U, VS  
*Institution ID:* 51-0714

**Portsmouth****Naval Medical Center (Portsmouth)**

Office of Academic Affairs  
Portsmouth, VA 23708-5000  
*Med Sch Affil:* M-05107, M-02312  
*Specialty:* AN, APM, EM, GE, GS, IM, NEP, OBG, ORS, OTO, P, PD, PTH, PUD, TY, U  
*Institution ID:* 51-0314

**Richmond****Medical College of Virginia Hospitals**

West Hospital 6th Fl S Wing  
PO Box 980257  
1200 E Broad St  
Richmond, VA 23298-0257  
*Med Sch Affil:* M-05104  
*Specialty:* MPD  
*Institution ID:* 51-0487

**Medical College of Virginia/Virginia Commonwealth University**

1200 E Broad St  
PO Box 9805257  
Richmond, VA 23298-0257  
*Med Sch Affil:* M-05104  
*Specialty:* AI, AN, APM, CCP, CD, CHN, CHP, D, DR, END, FOP, FP, GE, GS, HO, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PCH, PCP, PD, PDC, PH, PIP, PM, PN, PS, PTH, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 51-9501

**Orthopaedic Research of Virginia**

8919 Three Chopt Road  
Richmond, VA 23229  
*Specialty:* OSM  
*Institution ID:* 51-8026

**Roanoke****Carilion Health System**

1212 Third St SW  
Roanoke, VA 24016  
*Specialty:* CD, FP, GS, ID, IM, OBG, P, PUD, TY  
*Institution ID:* 51-8024

**Washington****Bremerton****Naval Hospital (Bremerton)**

Naval Hospital  
Boone Rd  
Bremerton, WA 98312-1898  
*Med Sch Affil:* M-05404, G-02312  
*Specialty:* FP  
*Institution ID:* 54-7003

**Olympia****St Peter Hospital**

525 Lilly Rd NE  
Olympia, WA 98506  
*Med Sch Affil:* M-05404  
*Specialty:* FP  
*Institution ID:* 54-8004

**Renton****Valley Medical Center**

400 S 43rd St  
Renton, WA 98055  
*Med Sch Affil:* G-05404  
*Specialty:* FP  
*Institution ID:* 54-0519

**Seattle****Children's Hospital and Medical Center**

4800 Sand Point Way NE  
PO Box C-5371  
Seattle, WA 98105  
*Med Sch Affil:* M-05404  
*Specialty:* PDS  
*Institution ID:* 54-0311

**Group Health Cooperative of Puget Sound**

521 Wall St  
Seattle, WA 98121  
*Med Sch Affil:* M-05404  
*Specialty:* FP  
*Institution ID:* 54-0498

**King County Medical Examiner's Office**

325 9th Ave  
ZA-37  
Seattle, WA 98104-2499  
*Med Sch Affil:* L-05404  
*Specialty:* FOP  
*Institution ID:* 54-0515

**Northwest Colon and Rectal Clinic PS**

600 Broadway Ste 400  
Seattle, WA 98122  
*Specialty:* CRS  
*Institution ID:* 54-8005

**Providence Medical Center**

500 17th Ave  
PO Box C-34008  
Seattle, WA 98124  
*Med Sch Affil:* M-05404  
*Specialty:* FP  
*Institution ID:* 54-0139

**Swedish Medical Center-Seattle**

747 Broadway  
PO Box 14999  
Seattle, WA 98114-0999  
*Med Sch Affil:* M-05404  
*Specialty:* FP, GS  
*Institution ID:* 54-0481

**University of Washington School of Medicine**

1959 NE Pacific St Rm A300  
Mailstop SC-64  
Seattle, WA 98195  
*Med Sch Affil:* M-05404, L-02312  
*Specialty:* AI, ALI, AN, APM, CCM, CCP, CD, CHN, CHP, D, DR, END, FP, GE, GS, HEM, HSO, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDP, PDR, PHO, PM, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 54-0502

**University of Washington School of Public Health**

Health Sciences Bldg F350 SC30  
Seattle, WA 98195  
*Med Sch Affil:* L-05404  
*Specialty:* MPH, OM  
*Institution ID:* 54-0505

**Virginia Mason Medical Center**

Housestaff Affairs (H7-ME)  
925 Seneca St  
Seattle, WA 98101  
*Med Sch Affil:* L-05404  
*Specialty:* AN, APM, DR, GS, IM, TY  
*Institution ID:* 54-0346

**Spokane****Deaconess Medical Center**

800 W Fifth Ave  
PO Box 248  
Spokane, WA 99210-0248  
*Med Sch Affil:* L-05404  
*Specialty:* TY  
*Institution ID:* 54-0302

**Inland Empire Hospital Services Association**

W 101 8th TAF C9  
Spokane, WA 99200  
*Specialty:* FP  
*Institution ID:* 54-0516

**Sacred Heart Medical Center**

101 W 8th Ave  
PO Box 2555  
Spokane, WA 99220-2555  
*Med Sch Affil:* M-05404  
*Specialty:* DR, IM, TY  
*Institution ID:* 54-0402

**Tacoma****Madigan Army Medical Center**

Commander  
Attn: HSHJ-EDME  
Tacoma, WA 98431-5000  
*Med Sch Affil:* M-05404, M-02312  
*Specialty:* AN, CD, DR, EM, END, FP, GS, HO, IM, IMG, N, OBG, OPH, ORS, OTO, PD, PH, PTH, PUD, TY, U  
*Institution ID:* 54-0393

**Tacoma General Hospital**

315 S K St  
PO Box 5277  
Tacoma, WA 98405  
*Med Sch Affil:* M-05404  
*Specialty:* FP  
*Institution ID:* 54-0266

**Vancouver****Southwest Washington Medical Center**

PO Box 1600  
Vancouver, WA 98668  
*Specialty:* FP  
*Institution ID:* 54-8007

**Yakima****Yakima Valley Memorial Hospital**

2811 Tieton Dr  
Yakima, WA 98902  
*Specialty:* FP  
*Institution ID:* 54-0510

**West Virginia****Charleston****Charleston Area Medical Center**

PO Box 1547  
Charleston, WV 25326-1547  
*Med Sch Affil:* M-05501  
*Specialty:* CHP, FP, GS, IM, MP, MPD, OBG, P, PD  
*Institution ID:* 55-0350

**Clarksburg****United Hospital Center**

3 Hospital Plaza  
PO Box 1680  
Clarksburg, WV 26302-1680  
*Med Sch Affil:* L-05501  
*Specialty:* FP  
*Institution ID:* 55-0738

**Huntington****Marshall University School of Medicine**

Doctors' Memorial Bldg  
1801 Sixth Ave  
Huntington, WV 25755-9000  
*Med Sch Affil:* M-05502  
*Specialty:* CD, END, FP, GS, ID, IM, IMG, MPD, OBG, PD, PTH, PUD, TY  
*Institution ID:* 55-9501

**Morgantown****West Virginia University Hospitals**

PO Box 8058  
Morgantown, WV 26506-8058  
*Med Sch Affil:* M-05501

*Specialty:* AN, CD, CHN, D, DMP, DR, EM, END, FP, GE, GS, ID, IM, MN, MP, MPD, N, NEP, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDC, PTH, PYN, TS, U  
**Institution ID: 55-0426**

**West Virginia University School of Medicine**

PO Box 9000  
Morgantown, WV 26506-9000  
*Med Sch Affil:* M-05501  
*Specialty:* OM  
**Institution ID: 55-9502**

**Wheeling****Ohio Valley Medical Center**

2000 Eoff St  
Wheeling, WV 26003  
*Med Sch Affil:* L-05501  
*Specialty:* IM  
**Institution ID: 55-0425**

**Wheeling Hospital**

Medical Pk  
Wheeling, WV 26003-8110  
*Med Sch Affil:* L-05501  
*Specialty:* FP  
**Institution ID: 55-0431**

**Wisconsin****Appleton****Appleton Medical Center**

1818 N Meade St  
Appleton, WI 54911  
*Med Sch Affil:* G-05605  
*Specialty:* FP  
**Institution ID: 56-0724**

**Eau Claire****Luther Hospital**

1221 Whipple St  
Call Box 5  
Eau Claire, WI 54702-4105  
*Med Sch Affil:* G-05605  
*Specialty:* FP  
**Institution ID: 56-0399**

**Janesville****Mercy Health System**

1000 Mineral Point Ave  
P O Box 5003  
Janesville, WI 53545  
*Specialty:* FP  
**Institution ID: 56-0333**

**La Crosse****Gundersen Medical Foundation-La Crosse Lutheran Hospital**

1836 South Ave  
La Crosse, WI 54601-5429  
*Med Sch Affil:* M-05605  
*Specialty:* GS, IM, TY  
**Institution ID: 56-0355**

**St Francis Medical Center**

700 West Ave S  
La Crosse, WI 54601-4783  
*Specialty:* FP  
**Institution ID: 56-0718**

**Madison****St Marys Hospital Medical Center**

707 S Mills St  
Madison, WI 53715-0450  
*Med Sch Affil:* L-05605  
*Specialty:* FP  
**Institution ID: 56-0450**

**University of Wisconsin Hospital and Clinics**

600 Highland Ave H4/821  
Madison, WI 53782-8310  
*Med Sch Affil:* M-05605  
*Specialty:* AI, AN, BBK, CCA, CCP, CD, CHN, CHP, D, DR, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PCP, PD, PDE, PDP, PG, PHO, PM, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR  
**Institution ID: 56-0176**

**Marshfield****Marshfield Clinic-St Joseph's Hospital**

1000 N Oak Ave  
Marshfield, WI 54449-5777  
*Med Sch Affil:* M-05605  
*Specialty:* GS, IM, IMG, PD, TY  
**Institution ID: 56-0264**

**Milwaukee****Medical College of Wisconsin Affiliated Hospitals Inc**

8701 Watertown Plank Rd  
Milwaukee, WI 53226  
*Med Sch Affil:* M-05606  
*Specialty:* AI, AN, APM, BBK, CCA, CCM, CCP, CCS, CD, CHN, CHP, D, DR, EM, END, FP, GE, GPM, GS, HEM, HSP, ID, IM, IMG, MPD, N, NEP, NM, NPM, NR, NS, OBG, OM, ON, OP, OPH, ORS, OTO, P, PD, PDP, PDR, PG, PHO, PM, PMP, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR, VS  
**Institution ID: 56-0441**

**Milwaukee County Medical Examiner's Office**

933 W Highland Ave  
Milwaukee, WI 53233-1445  
*Specialty:* FOP  
**Institution ID: 56-8016**

**Sinai Samaritan Medical Center**

945 N 12th St  
PO Box 342  
Milwaukee, WI 53201-0342  
*Med Sch Affil:* M-05605, G-05606  
*Specialty:* CD, GE, IM, IMG, OBG, P  
**Institution ID: 56-0303**

**St Joseph's Hospital**

5000 W Chambers St  
Milwaukee, WI 53210  
*Med Sch Affil:* G-05606  
*Specialty:* DR, TY  
**Institution ID: 56-0370**

**St Luke's Medical Center**

PO Box 2901  
Milwaukee, WI 53201-2901  
*Med Sch Affil:* L-05605, G-05606  
*Specialty:* DR, FP, NM, PTH, TY  
**Institution ID: 56-0337**

**Wausau****Wausau Hospital**

333 Pine Ridge Blvd  
Wausau, WI 54401-4187  
*Med Sch Affil:* G-05605  
*Specialty:* FP  
**Institution ID: 56-0411**

**Winnebago****Winnebago Mental Health Institute**

PO Box 9  
Winnebago, WI 54985-0009  
*Specialty:* P  
**Institution ID: 56-0445**

**Wyoming****Laramie****University of Wyoming College of Health Sciences**

PO Box 3434  
Laramie, WY 82071-3434  
*Specialty:* FP  
**Institution ID: 57-9501**

## Primary Clinical Sites

### Alabama

#### Montgomery

**Baptist Medical Center**  
PO Box 11010  
Montgomery, AL 36111-1010  
*Med Sch Affil:* G-00102  
*Specialty:* IM  
*Institution ID:* 01-0309

### Arizona

#### Scottsdale

**Mayo Clinic (Scottsdale)**  
13400 E Shea Blvd  
Scottsdale, AZ 85259  
*Med Sch Affil:* M-02608  
*Specialty:* GS, TY  
*Institution ID:* 03-8019

### Arkansas

#### El Dorado

**Area Health Education Center (South Arkansas)**  
490 W Faulkner  
El Dorado, AR 71730  
*Specialty:* FP  
*Institution ID:* 04-0481

#### Fayetteville

**Area Health Education Center (Northwest)**  
2907 E Joyce  
Fayetteville, AR 72703  
*Specialty:* FP  
*Institution ID:* 04-0470

#### Fort Smith

**Sparks Regional Medical Center**  
PO Box 17006  
Fort Smith, AR 72917-7006  
*Med Sch Affil:* G-00401  
*Specialty:* FP  
*Institution ID:* 04-0467

#### Jonesboro

**St Bernards Regional Medical Center**  
PO Box 9370  
Jonesboro, AR 72403-9320  
*Med Sch Affil:* G-00401  
*Specialty:* FP  
*Institution ID:* 04-0478

#### Pine Bluff

**Jefferson Regional Medical Center**  
1515 W 42nd Ave  
Pine Bluff, AR 71603  
*Med Sch Affil:* G-00401  
*Specialty:* FP  
*Institution ID:* 04-0465

### Texarkana

**St Michael Hospital**  
Sixth and Hazel Sjs  
Texarkana, AR 75502  
*Specialty:* FP  
*Institution ID:* 04-7012

### California

#### Anaheim

**Kaiser Foundation Hospital (Anaheim)**  
441 N Lakeview Ave  
Anaheim, CA 92807-9280  
*Specialty:* FP  
*Institution ID:* 05-8043

#### Downey

**LAC-Rancho Los Amigos Medical Center**  
7601 E Imperial Hwy 117HB  
Downey, CA 90242  
*Med Sch Affil:* M-00506, G-01401, G-00515  
*Specialty:* FPG  
*Institution ID:* 05-0504

#### Fontana

**Kaiser Foundation Hospital (Fontana)**  
9961 Sierra Ave  
Fontana, CA 92335  
*Med Sch Affil:* L-00512  
*Specialty:* FP  
*Institution ID:* 05-0576

#### La Mesa

**Grossmont Hospital**  
5555 Grossmont Center Dr  
La Mesa, CA 91942  
*Specialty:* FP  
*Institution ID:* 05-0566

#### Los Angeles

**Kaiser Foundation Hospital (Los Angeles)**  
Hospital Administration  
4867 Sunset Blvd  
Los Angeles, CA 90027  
*Med Sch Affil:* M-00514, L-02312  
*Specialty:* AI, CD, DR, FP, FPG, GE, GS, ID, IM, N, NEP, OBG, PD, RO, U  
*Institution ID:* 05-0285

#### Kaiser Foundation Hospital (West Los Angeles)

6041 Cadillac Ave  
Los Angeles, CA 90034  
*Med Sch Affil:* G-00514  
*Specialty:* HSP  
*Institution ID:* 05-0742

#### Riverside

**Kaiser Foundation Hospital (Riverside)**  
10800 Magnolia Ave  
Riverside, CA 92505  
*Specialty:* FP  
*Institution ID:* 05-8066

### San Francisco

**Kaiser Foundation Hospital (San Francisco)**  
Graduate Medical Education Office  
2425 Geary Blvd  
San Francisco, CA 94115-3395  
*Med Sch Affil:* L-00502  
*Specialty:* IM, OBG, PD, PTH  
*Institution ID:* 05-0204

#### Santa Clara

**Kaiser Permanente Medical Center (Santa Clara)**  
900 Kiely Blvd  
Santa Clara, CA 95051-5386  
*Med Sch Affil:* M-00511  
*Specialty:* IM, OBG  
*Institution ID:* 05-0571

#### Woodland Hills

**Kaiser Foundation Hospital (Woodland Hills)**  
5601 DeSoto Ave  
Woodland Hills, CA 91365-4084  
*Med Sch Affil:* G-00514  
*Specialty:* FP  
*Institution ID:* 05-8068

### Colorado

#### Aspen

**Orthopaedic Associates of Aspen and Glenwood**  
100 E Main St Ste 101  
Aspen, CO 81611  
*Specialty:* OSM  
*Institution ID:* 07-8013

#### Englewood

**Swedish Medical Center**  
501 E Hampden Ave  
PO Box 2901  
Englewood, CO 80150  
*Specialty:* FP  
*Institution ID:* 07-8020

### Connecticut

#### Danbury

**Danbury Hospital**  
24 Hospital Ave  
Danbury, CT 06810-6099  
*Med Sch Affil:* M-00801, L-03509, G-00802  
*Specialty:* NM  
*Institution ID:* 08-0363

#### Hartford

**St Francis Hospital and Medical Center**  
114 Woodland St  
Hartford, CT 06105-1299  
*Med Sch Affil:* M-00802  
*Specialty:* FP  
*Institution ID:* 08-0490

**Stamford****Stamford Hospital**

Shelburne Rd and W Broad St  
PO Box 9317  
Stamford, CT 06904-9317  
*Med Sch Affil:* M-03509  
*Specialty:* GS, IM, OBG  
*Institution ID:* 08-0456

**District of Columbia****Washington****Walter Reed Army Medical Center**

Bldg 2 Rm 2j33  
6825 16th St NW  
Washington, DC 20307-5001  
*Med Sch Affil:* M-02312, M-01002, L-01003, L-01001  
*Specialty:* NPM, PG  
*Institution ID:* 10-0242

**Florida****Fort Lauderdale****Cleveland Clinic Hospital**

2835 N Ocean Blvd  
Fort Lauderdale, FL 33308  
*Specialty:* CRS  
*Institution ID:* 11-8091

**North Broward Hospital District**

303 SE 17th St  
Fort Lauderdale, FL 33316  
*Specialty:* FP  
*Institution ID:* 11-8099

**Jacksonville****Mayo Clinic (Jacksonville)**

4500 San Pablo Rd  
Jacksonville, FL 32224  
*Med Sch Affil:* M-02608  
*Specialty:* APM, FP, IM, TY  
*Institution ID:* 11-8093

**Pensacola****Sacred Heart Hospital of Pensacola**

5149 N Ninth Ave Ste 306  
Pensacola, FL 32504  
*Med Sch Affil:* G-01103  
*Specialty:* OBG  
*Institution ID:* 11-0396

**St Petersburg****All Children's Hospital**

801 Sixth St S  
PO Box 31020  
St Petersburg, FL 33731-8920  
*Med Sch Affil:* M-01104  
*Specialty:* ALL, PD  
*Institution ID:* 11-0182

**Hawaii****Wahiawa****Wahiawa General Hospital**

128 Lehua St PO Box 508  
Wahiawa, HI 96786  
*Specialty:* FP  
*Institution ID:* 14-8014

**Illinois****Belleville****St Elizabeth's Hospital**

211 S Third St  
Belleville, IL 62222  
*Med Sch Affil:* G-01645  
*Specialty:* FP  
*Institution ID:* 16-0787

**Carbondale****Memorial Hospital of Carbondale**

404 W Main St  
Carbondale, IL 62901  
*Med Sch Affil:* G-01645  
*Specialty:* FP  
*Institution ID:* 16-0508

**Chicago****Cook County Hospital**

1835 W Harrison St  
Chicago, IL 60612-9985  
*Med Sch Affil:* M-01642, M-01611, M-01601, G-01643, G-01606  
*Specialty:* N  
*Institution ID:* 16-0164

**Michael Reese Hospital and Medical Center**

2929 S Ellis Ave  
Chicago, IL 60616-3390  
*Med Sch Affil:* M-01611, G-01602  
*Specialty:* RNR  
*Institution ID:* 16-0112

**Swedish Covenant Hospital**

5145 N California Ave  
Chicago, IL 60625  
*Med Sch Affil:* L-01642  
*Specialty:* FP, TY  
*Institution ID:* 16-0342

**Decatur****Decatur Memorial Hospital**

2300 N Edward St  
Decatur, IL 62526  
*Med Sch Affil:* G-01645  
*Specialty:* FP  
*Institution ID:* 16-0158

**Evanston****Evanston Hospital**

2650 Ridge Ave  
Evanston, IL 60201-1781  
*Med Sch Affil:* M-01606  
*Specialty:* IM, P, PTH, TY  
*Institution ID:* 16-0145

**Melrose Park****Westlake Community Hospital**

1225 Lake St  
Melrose Park, IL 60160  
*Specialty:* IM  
*Institution ID:* 16-7049

**Oak Lawn****EHS Christ Hospital and Medical Center**

4440 W 95th St  
Oak Lawn, IL 60453-4213  
*Med Sch Affil:* M-01611, L-01642, L-01601  
*Specialty:* EM, IM, PD, PDC  
*Institution ID:* 16-0303

**Quincy****Blessing Hospital**

Broadway at 11th  
PO Box C3  
Quincy, IL 62305-3117  
*Med Sch Affil:* G-01645  
*Specialty:* FP  
*Institution ID:* 16-7127

**Kentucky****Hazard****ARH Regional Medical Center**

100 Medical Center Dr  
Hazard, KY 41701  
*Med Sch Affil:* G-02012  
*Specialty:* FP  
*Institution ID:* 20-7045

**Massachusetts****Burlington****Lahey Clinic**

41 Mall Rd  
Burlington, MA 01805  
*Med Sch Affil:* L-02407, L-02401, G-02405  
*Specialty:* GE  
*Institution ID:* 24-0163

**Michigan****Northville****Hawthorn Center Hospital**

18471 Haggerty Rd  
Northville, MI 48167  
*Med Sch Affil:* G-02507  
*Specialty:* CHP  
*Institution ID:* 25-0247

**Pontiac****Fairlawn Center**

140 Elizabeth Lake Rd  
Pontiac, MI 48341-1000  
*Specialty:* CHP  
*Institution ID:* 25-0554



## Minnesota

### St Paul

#### United Hospital

333 N Smith Ave  
St Paul, MN 55102  
*Med Sch Affil:* L-02604  
*Specialty:* FP  
*Institution ID:* 26-0311

## Nevada

### Las Vegas

#### University Medical Center of Southern Nevada

1800 W Charleston Blvd  
Las Vegas, NV 89102-2386  
*Med Sch Affil:* M-03101  
*Specialty:* FP, GS, IM, OBG  
*Institution ID:* 31-0100

## New Hampshire

### Concord

#### Concord Hospital

250 Pleasant St  
Concord, NH 03301  
*Specialty:* FP  
*Institution ID:* 32-8002

### Lebanon

#### Mary Hitchcock Memorial Hospital

Mary Hitchcock Memorial Hospital  
One Medical Center Dr  
Lebanon, NH 03756  
*Specialty:* FP  
*Institution ID:* 32-8001

## New Jersey

### Jersey City

#### Jersey City Medical Center

50 Baldwin Ave  
Jersey City, NJ 07304-3199  
*Med Sch Affil:* G-03305  
*Specialty:* CD, GE, IM, OBG, PD  
*Institution ID:* 33-0189

### New Brunswick

#### St Peter's Medical Center

254 Easton Ave  
New Brunswick, NJ 08901-0591  
*Med Sch Affil:* M-03306  
*Specialty:* IM  
*Institution ID:* 33-0107

### Newark

#### St Michael's Medical Center (Cathedral Health Services Inc)

University Heights  
268 Dr Martin Luther King Jr Blvd  
Newark, NJ 07102  
*Med Sch Affil:* L-04202, G-03305  
*Specialty:* OBG, TY  
*Institution ID:* 33-0418

## Paramus

#### Bergen Pines County Hospital

E Ridgewood Ave  
Paramus, NJ 07652-4131  
*Med Sch Affil:* L-03305  
*Specialty:* IM  
*Institution ID:* 33-0109

## Paterson

#### St Joseph's Hospital and Medical Center

703 Main St  
Paterson, NJ 07503-2691  
*Med Sch Affil:* L-03306, L-03305  
*Specialty:* AN, FP, OBG, ORS, PD  
*Institution ID:* 33-0319

## New York

### Bronx

#### Lincoln Medical and Mental Health Center

234 E 149th St  
Bronx, NY 10451  
*Med Sch Affil:* M-03509  
*Specialty:* CCM, EM, END, IM, OBG, P, PD  
*Institution ID:* 35-0437

#### Our Lady of Mercy Medical Center

600 E 233rd St  
Bronx, NY 10466-2697  
*Med Sch Affil:* M-03509  
*Specialty:* CCS, CD, GE, GS, IM, NEP, OBG  
*Institution ID:* 35-0401

### Elmhurst

#### Elmhurst Hospital Center-Mount Sinai Services

79-01 Broadway  
Elmhurst, NY 11373  
*Med Sch Affil:* M-03547  
*Specialty:* CD, CHF, GE, IM, P, PD, PUD, TY  
*Institution ID:* 35-0271

### Jamaica

#### Queens Hospital Center

82-68 164th St  
Jamaica, NY 11432-1234  
*Med Sch Affil:* M-03547  
*Specialty:* HO, IM, OBG  
*Institution ID:* 35-0220

### Kingston

#### Kingston Hospital

396 Broadway  
Kingston, NY 12401  
*Med Sch Affil:* L-03509, L-03503  
*Specialty:* FP  
*Institution ID:* 35-0435

## New York

#### Cabrini Medical Center

227 E 19th St  
New York, NY 10003  
*Med Sch Affil:* M-03509, G-03519  
*Specialty:* CD, GE, GS, HO, ID, IM, P, PUD, RHU  
*Institution ID:* 35-0410

## Metropolitan Hospital Center

1901 First Ave  
New York, NY 10029  
*Med Sch Affil:* M-03509  
*Specialty:* CD, CHF, IM, NEP, P, PD, PTH, RHU  
*Institution ID:* 35-0163

#### New York Eye and Ear Infirmary

310 E 14th St  
New York, NY 10003-4200  
*Med Sch Affil:* G-03509  
*Specialty:* OTO  
*Institution ID:* 35-0230

#### St Vincent's Hospital and Medical Center of New York

153 W 11th St  
New York, NY 10011-8397  
*Med Sch Affil:* M-03509, L-03508, G-03519  
*Specialty:* AN, CCM, CD, CHF, DR, END, GE, GS, HO, ID, IM, IMG, N, NEP, NM, NR, OBG, OPH, P, PCC, PD, PM, PTH, TY  
*Institution ID:* 35-0241

## Niagara Falls

#### Niagara Falls Memorial Medical Center

621 Tenth St  
Niagara Falls, NY 14302-0708  
*Specialty:* FP  
*Institution ID:* 35-0448

## Rochester

#### Monroe Community Hospital

435 E Henrietta Rd  
Rochester, NY 14620-4685  
*Med Sch Affil:* M-03545  
*Specialty:* IMG  
*Institution ID:* 35-0562

## Staten Island

#### St Vincent's Medical Center of Richmond

355 Bard Ave  
Staten Island, NY 10310-1699  
*Med Sch Affil:* M-03509, G-03508  
*Specialty:* CD, DR, IM, OBG, P  
*Institution ID:* 35-0458

## White Plains

#### New York Hospital-Westchester Division

21 Bloomingdale Rd  
White Plains, NY 10605-1504  
*Med Sch Affil:* M-03520  
*Specialty:* CHP, P  
*Institution ID:* 35-0378

## North Dakota

### Bismarck

#### Medcenter One Inc

300 N 7th St  
Bismarck, ND 58501  
*Med Sch Affil:* M-03701  
*Specialty:* FP  
*Institution ID:* 37-0159

## Fargo

#### St Luke's Hospitals

720 Fourth St N  
Fargo, ND 58122  
*Med Sch Affil:* M-03701  
*Specialty:* FP, TY  
*Institution ID:* 37-0396

**Veterans Affairs Medical and Regional Office Center (Fargo)**

2101 N Elm St  
Fargo, ND 58102  
*Med Sch Affil:* M-03701  
*Specialty:* IM, P  
*Institution ID:* 37-0395

**Grand Forks****United Hospital**

1200 S Columbia Rd  
Grand Forks, ND 58201  
*Med Sch Affil:* M-03701  
*Specialty:* FP, GS  
*Institution ID:* 37-0403

**Minot****St Joseph's Hospital**

3rd St SE and Burdick Expwy  
Minot, ND 58701  
*Med Sch Affil:* M-03701  
*Specialty:* FP  
*Institution ID:* 37-0408

**Oregon****Klamath Falls****Merle West Medical Center**

2865 Daggett Ave  
Klamath Falls, OR 97601  
*Specialty:* FP  
*Institution ID:* 40-8004

**Pennsylvania****Lebanon****Good Samaritan Hospital**

PO Box 1281  
Fourth & Walnuts Sts  
Lebanon, PA 17042-1281  
*Med Sch Affil:* G-04114  
*Specialty:* FP  
*Institution ID:* 41-0130

**Tennessee****Bristol****Bristol Regional Medical Center**

1 Medical Park Blvd  
Bristol, TN 37621-8964  
*Med Sch Affil:* M-04720  
*Specialty:* FP  
*Institution ID:* 47-0491

**Kingsport****Holston Valley Hospital and Medical Center**

PO Box 238  
Kingsport, TN 37662-0238  
*Med Sch Affil:* M-04720  
*Specialty:* FP  
*Institution ID:* 47-0379

**Knoxville****Knoxville Orthopedic Clinic**

PO Box 51090  
Knoxville, TN 37950-1090  
*Specialty:* OSM  
*Institution ID:* 47-8022

**Mountain Home****Veterans Affairs Medical Center (Mountain Home)**

(Johnson City)  
Mountain Home, TN 37684-5001  
*Med Sch Affil:* M-04720  
*Specialty:* IMG  
*Institution ID:* 47-0498

**Texas****Conroe****Montgomery County Medical Center Hospital**

504 Medical Center Blvd  
Conroe, TX 77304  
*Specialty:* FP  
*Institution ID:* 48-0574

**McAllen****McAllen Medical Center**

301 W Expwy 83  
McAllen, TX 78503  
*Specialty:* FP  
*Institution ID:* 48-0548

**Utah****Ogden****McKay-Dee Hospital Center**

3939 Harrison Blvd  
Ogden, UT 84409-0370  
*Med Sch Affil:* L-04901  
*Specialty:* FP  
*Institution ID:* 49-0304

**Virginia****Falls Church****Fairfax Hospital**

3300 Gallows Rd  
Falls Church, VA 22046  
*Med Sch Affil:* M-01002, L-02312, L-01001, G-05104, G-01003  
*Specialty:* FP, TY  
*Institution ID:* 51-0492

**Portsmouth****Portsmouth General Hospital**

850 Crawford Pkwy  
Portsmouth, VA 23704-2386  
*Med Sch Affil:* M-05107  
*Specialty:* FP  
*Institution ID:* 51-0256

**Salem****Veterans Affairs Medical Center (Salem)**

1970 Boulevard  
Salem, VA 24153-6483  
*Med Sch Affil:* M-05101  
*Specialty:* CD, ID, PUD  
*Institution ID:* 51-0513

**Wisconsin****Kenosha****St Catherine's Hospital**

3656 Seventh Ave  
Kenosha, WI 53140  
*Med Sch Affil:* G-05606  
*Specialty:* FP  
*Institution ID:* 56-0732

**Waukesha****Waukesha Memorial Hospital**

725 American Ave  
Waukesha, WI 53188-5099  
*Med Sch Affil:* G-05606  
*Specialty:* FP  
*Institution ID:* 56-0722

**Wyoming****Casper****Wyoming Medical Center**

1233 E 2nd St  
Casper, WY 82601  
*Specialty:* FP  
*Institution ID:* 57-0100

**Cheyenne****United Medical Center**

300 E 23rd St  
Cheyenne, WY 82001-3790  
*Specialty:* FP  
*Institution ID:* 57-0106

## Participating Institutions

### Alabama

#### Birmingham

##### American Red Cross Blood Services-Alabama Region

2225 Third Ave N  
Birmingham, AL 35203  
*Specialty:* BBK  
*Institution ID:* 01-8004

##### Birmingham Baptist Medical Center-Montclair

800 Montclair Rd  
Birmingham, AL 35213  
*Med Sch Affil:* M-00102  
*Specialty:* DMP, DR, GS, IM, PTH, TY  
*Institution ID:* 01-0307

##### Birmingham Baptist Medical Center-Princeton

701 Princeton Ave SW  
Birmingham, AL 35211  
*Med Sch Affil:* M-00102  
*Specialty:* DR, GS, IM, PTH, TY  
*Institution ID:* 01-0187

##### Carraway Methodist Medical Center

1600 Carraway Blvd  
Birmingham, AL 35234  
*Med Sch Affil:* M-00102  
*Specialty:* AN  
*Institution ID:* 01-0132

##### Children's Hospital of Alabama

1600 7th Ave S  
Birmingham, AL 35233  
*Med Sch Affil:* M-00102  
*Specialty:* AN, CCP, NPM, NS, ORS, OSM, PD, PDP, PDS,  
PG, PHO, PS, RNR, U  
*Institution ID:* 01-0497

##### Cooper Green Hospital

1515 6th Ave S  
Birmingham, AL 35233-1601  
*Med Sch Affil:* M-00102  
*Specialty:* AN, GS, IM, OBG, OPH, ORS, OTO  
*Institution ID:* 01-0511

##### Eye Foundation Hospital

1720 University Blvd  
Birmingham, AL 35233  
*Med Sch Affil:* M-00102  
*Specialty:* OPH  
*Institution ID:* 01-0502

##### Jefferson County Coroner/Medical Examiner's Office

1515 6th Ave S  
Birmingham, AL 35233  
*Specialty:* FOP  
*Institution ID:* 01-0531

##### St Vincent's Hospital

2701 9th Ct S  
PO Box 12407  
Birmingham, AL 35202-2407  
*Med Sch Affil:* M-00102  
*Specialty:* U  
*Institution ID:* 01-0196

##### University of Alabama at Birmingham School of Public Health

308 Tidwell Hall  
720 S 20th St  
Birmingham, AL 35294  
*Specialty:* OM  
*Institution ID:* 01-8008

##### University of Alabama Hospital

619 19th St S  
Birmingham, AL 35233-6805  
*Med Sch Affil:* M-00102  
*Specialty:* OBG  
*Institution ID:* 01-0498

##### University of Alabama School of Medicine

MEB 301  
UAB Station  
Birmingham, AL 35294-3293  
*Med Sch Affil:* M-00102  
*Specialty:* OM  
*Institution ID:* 01-0527

##### Veterans Affairs Medical Center (Birmingham)

700 S 19th St  
Birmingham, AL 35233  
*Med Sch Affil:* M-00102  
*Specialty:* AN, CCM, D, DMP, DR, GS, IM, IMG, N, NM,  
NP, NS, OPH, ORS, OTO, P, PCP, PS, PTH, RNR, RO, TS, U,  
VIR  
*Institution ID:* 01-0500

#### Fairfield (Birmingham)

##### Lloyd Noland Hospital and Health Centers

701 Lloyd Noland Pkwy  
Fairfield (Birmingham), AL 35064  
*Med Sch Affil:* M-00102  
*Specialty:* GS  
*Institution ID:* 01-0488

#### Huntsville

##### Huntsville Hospital

101 Sivley Rd  
Huntsville, AL 35801  
*Med Sch Affil:* M-00102  
*Specialty:* FP  
*Institution ID:* 01-0507

#### Mobile

##### University of South Alabama Medical Center

2451 Fillingim St  
Mobile, AL 36617-2293  
*Med Sch Affil:* M-00106, L-02312  
*Specialty:* OPH  
*Institution ID:* 01-0406

##### USA Doctors Hospital

1700 Center St  
Mobile, AL 36604  
*Med Sch Affil:* M-00106  
*Specialty:* ORS, P  
*Institution ID:* 01-8011

##### USA Knollwood Park Hospital

5600 Girby Rd  
PO Box 9753  
Mobile, AL 36691  
*Med Sch Affil:* M-00106  
*Specialty:* GE, P  
*Institution ID:* 01-8010

#### Montgomery

##### Montgomery Regional Medical Center

301 S Ripley St  
Montgomery, AL 36104  
*Med Sch Affil:* G-00102  
*Specialty:* IM  
*Institution ID:* 01-0310

#### Mount Vernon

##### Searcy State Hospital

Route 1 Box 285  
Mount Vernon, AL 36560  
*Specialty:* P  
*Institution ID:* 01-0530

#### Selma

##### Vaughan Regional Medical Center

1050 W Dallas Ave  
Selma, AL 36701  
*Med Sch Affil:* G-00102  
*Specialty:* FP  
*Institution ID:* 01-0512

#### Tuscaloosa

##### DCH Regional Medical Center

809 University Blvd E  
Tuscaloosa, AL 35401  
*Med Sch Affil:* M-00102  
*Specialty:* FP  
*Institution ID:* 01-0510

#### Tuskegee

##### Veterans Affairs Medical Center (Tuskegee)

2400 Hospital Rd  
Tuskegee, AL 36083-5002  
*Med Sch Affil:* M-01221  
*Specialty:* P  
*Institution ID:* 01-0306

### Arizona

#### Phoenix

##### Carl T Hayden Veterans Affairs Medical Center (Phoenix)

650 E Indian School Rd  
Phoenix, AZ 85012-1894  
*Med Sch Affil:* L-00301, G-02802  
*Specialty:* CD, END, GE, GS, IM, IMG, ORS, PUD, TY  
*Institution ID:* 03-0504

##### Children's Rehabilitative Services

124 W Thomas Rd  
Phoenix, AZ 85013-1134  
*Med Sch Affil:* L-00301  
*Specialty:* ORS  
*Institution ID:* 03-0495

##### Good Samaritan Regional Medical Center

1111 E McDowell Rd  
PO Box 52174  
Phoenix, AZ 85062-2174  
*Med Sch Affil:* M-00301  
*Specialty:* GE  
*Institution ID:* 03-0345

##### Harrington Arthritis Research Center

1800 E Van Buren  
Phoenix, AZ 85006-3742  
*Specialty:* ORS  
*Institution ID:* 03-8021

**Maricopa Medical Center**

2601 E Roosevelt  
Phoenix, AZ 85008  
*Med Sch Affil:* M-00301, L-02312  
*Specialty:* AN, CCA, END, FP, MPD, NS, PD  
**Institution ID: 03-0253**

**Phoenix Children's Hospital**

1300 N 12th St Ste 404  
Phoenix, AZ 85006  
*Specialty:* MPD  
**Institution ID: 03-8015**

**Phoenix Indian Medical Center**

4212 N 16th St  
Phoenix, AZ 85016-5389  
*Med Sch Affil:* L-02312, L-00301  
*Specialty:* GS  
**Institution ID: 03-0499**

**St Joseph's Hospital and Medical Center**

350 W Thomas Rd  
PO Box 2071  
Phoenix, AZ 85001-2071  
*Med Sch Affil:* M-00301, L-04815  
*Specialty:* EM, OBG, P  
**Institution ID: 03-0136**

**Scottsdale****Mayo Clinic (Scottsdale)**

13400 E Shea Blvd  
Scottsdale, AZ 85259  
*Med Sch Affil:* M-02608  
*Specialty:* AN, APM, CRS, IM, OTO  
**Institution ID: 03-8019**

**Scottsdale Memorial Hospital**

7400 E Osborn Rd  
Scottsdale, AZ 85251-5672  
*Med Sch Affil:* M-02608  
*Specialty:* APM  
**Institution ID: 03-0512**

**Scottsdale Memorial Hospital-North**

10450 N 92nd St  
PO Box 4500  
Scottsdale, AZ 85261  
*Specialty:* GS, IM, TY  
**Institution ID: 03-8024**

**Tucson****Desert Hills Center for Youth**

2797 N Introspect Dr  
Tucson, AZ 85745  
*Specialty:* CHP  
**Institution ID: 03-8025**

**Kino Community Hospital**

2800 E Ajo Way  
Tucson, AZ 85713-6289  
*Med Sch Affil:* M-00301  
*Specialty:* D, END, IM, OPH, P, TY  
**Institution ID: 03-0246**

**Tucson Medical Center**

5301 E Grant Rd  
PO Box 42195  
Tucson, AZ 85733-2195  
*Med Sch Affil:* M-00301  
*Specialty:* GS, N, NPM, ORS, PD, TY, U  
**Institution ID: 03-0235**

**University Medical Center**

1501 N Campbell Ave  
Tucson, AZ 85724  
*Med Sch Affil:* M-00301  
*Specialty:* AN, CCA, CCP, CD, CHP, D, DR, EM, END, FP, FPG, GE, GPM, GS, HO, ID, IM, N, NEP, NM, NPM, NR, OBG, OPH, ORS, P, PCC, PD, PDP, PTH, RHU, RNR, RO, TS, U, VS  
**Institution ID: 03-0506**

**Veterans Affairs Medical Center (Tucson)**

3601 S 6th Ave  
Tucson, AZ 85723  
*Med Sch Affil:* M-00301  
*Specialty:* AN, CD, D, DR, END, FPG, GE, GS, HO, ID, IM, N, NEP, NM, OPH, ORS, P, PCC, PTH, RHU, RNR, TS, U  
**Institution ID: 03-0501**

**Arkansas****El Dorado****Medical Center of South Arkansas (Union Medical Center)**

PO Box 1998  
El Dorado, AR 71731-1998  
*Med Sch Affil:* G-00401  
*Specialty:* FP  
**Institution ID: 04-0476**

**Medical Center of South Arkansas (Warner Brown Hospital)**

460 W Oak St  
PO Box 1998  
El Dorado, AR 71730  
*Med Sch Affil:* G-00401  
*Specialty:* FP  
**Institution ID: 04-0477**

**Fayetteville****Washington Regional Medical Center**

1125 N College  
Fayetteville, AR 72703  
*Med Sch Affil:* G-00401  
*Specialty:* FP  
**Institution ID: 04-0473**

**Little Rock****Arkansas Children's Hospital**

800 Marshall St  
Little Rock, AR 72202-3591  
*Med Sch Affil:* M-00401  
*Specialty:* AN, CHP, MPD, NPM, NS, OPH, ORS, OTO, P, PD, PDE, PDR, PDS, PG, PM, PTH, RNR, TS, TY, U  
**Institution ID: 04-0284**

**Arkansas State Hospital-Little Rock Hospital**

4313 W Markham St  
Little Rock, AR 72205-4096  
*Med Sch Affil:* G-00401  
*Specialty:* CHP, P  
**Institution ID: 04-0307**

**Baptist Medical Center**

9601 Interstate 630 Exit 7  
Little Rock, AR 72205-7299  
*Med Sch Affil:* L-00401  
*Specialty:* TY  
**Institution ID: 04-0350**

**Baptist Rehabilitation Institute of Arkansas**

9601 Interstate 630 Exit 7  
Little Rock, AR 72205-7249  
*Med Sch Affil:* L-00401  
*Specialty:* PM  
**Institution ID: 04-8015**

**John L McClellan Memorial Veterans Hospital**

4300 W Seventh St  
Little Rock, AR 72205-5484  
*Med Sch Affil:* M-00401  
*Specialty:* AN, CD, D, DR, END, FP, GE, GS, HEM, HMP, ID, IM, IMG, MPD, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PCC, PCP, PM, PTH, RHU, RNR, TS, TY, U, VIR, VS  
**Institution ID: 04-0349**

**St Vincent Infirmary Medical Center**

2 St Vincent Circle  
Little Rock, AR 72205-5499  
*Med Sch Affil:* L-00401  
*Specialty:* TY  
**Institution ID: 04-0463**

**University Hospital of Arkansas**

4301 W Markham St  
Little Rock, AR 72205-7199  
*Med Sch Affil:* M-00401  
*Specialty:* AN, CCP, CD, CHP, D, DR, EM, END, FP, GE, GS, HEM, HMP, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDE, PDR, PM, PTH, RHU, RNR, TS, U, VIR, VS  
**Institution ID: 04-0261**

**California****Anaheim****Kaiser Foundation Hospital (Anaheim)**

441 N Lakeview Ave  
Anaheim, CA 92807-9280  
*Specialty:* IMG, U  
**Institution ID: 05-8043**

**Berkeley****Permanente Medical Group Regional Laboratory**

1725 Eastshore Hwy  
Berkeley, CA 94710  
*Specialty:* PTH  
**Institution ID: 05-8036**

**University of California School of Public Health**

140 Earl Warren Hall  
Berkeley, CA 94720-7360  
*Med Sch Affil:* L-00502  
*Specialty:* OM, PH  
**Institution ID: 05-0376**

**Daly City****Seton Medical Center**

1900 Sullivan Ave  
Daly City, CA 94015  
*Med Sch Affil:* L-00502  
*Specialty:* ORS, RO  
**Institution ID: 05-0494**

**Davis****University of California (Davis) School of Medicine**

Health Sciences Dr  
Davis, CA 95616  
*Med Sch Affil:* M-00519, L-02312  
*Specialty:* HMP  
**Institution ID: 05-9502**

**Downey****LAC-Rancho Los Amigos Medical Center**

7601 E Imperial Hwy 117HB  
Downey, CA 90242  
*Med Sch Affil:* M-00506, G-01401, G-00515  
*Specialty:* GE, ID, ORS, PS, RHU  
*Institution ID:* 05-0504

**Duarte****City of Hope National Medical Center**

1500 E Duarte Rd  
Duarte, CA 91010-0269  
*Med Sch Affil:* L-00515, L-00506, G-00518  
*Specialty:* PS, RO  
*Institution ID:* 05-0233

**Encino****Encino-Tarzana Regional Medical Center**

16237 Ventura Blvd  
Encino, CA 91436  
*Specialty:* CD  
*Institution ID:* 05-8087

**Fairfield****Solano County Mental Health Clinic**

1735-3 Enterprise Dr  
Fairfield, CA 94533  
*Specialty:* P  
*Institution ID:* 05-8008

**Fontana****Kaiser Foundation Hospital (Fontana)**

9961 Sierra Ave  
Fontana, CA 92335  
*Med Sch Affil:* L-00512  
*Specialty:* GE, GS, PS, TS  
*Institution ID:* 05-0578

**Fountain Valley****FHP Hospital-Fountain Valley**

9920 Talbert Ave  
Fountain Valley, CA 92728  
*Specialty:* FP  
*Institution ID:* 05-8078

**Fresno****Valley Children's Hospital**

3151 N Millbrook Ave  
Fresno, CA 93703-1497  
*Med Sch Affil:* M-00502  
*Specialty:* GS, PD  
*Institution ID:* 05-7058

**Valley Medical Center of Fresno**

445 S Cedar Ave  
Fresno, CA 93702-2907  
*Med Sch Affil:* M-00502  
*Specialty:* CD, DR, EM, FP, GS, IM, OBG, P, PD, TY  
*Institution ID:* 05-0485

**Veterans Affairs Medical Center (Fresno)**

2615 E Clinton Ave  
Fresno, CA 93703  
*Med Sch Affil:* M-00502  
*Specialty:* CD, DR, GS, IM, P  
*Institution ID:* 05-0581

**Inglewood****Centinela Hospital Medical Center**

555 E Hardy St  
Inglewood, CA 90307  
*Specialty:* OSM  
*Institution ID:* 05-0792

**Irvine****University of California (Irvine) College of Medicine**

Irvine Hall Bldg  
Irvine, CA 92717-4089  
*Med Sch Affil:* M-00515, L-02312  
*Specialty:* CCA, OP  
*Institution ID:* 05-0741

**La Jolla****Scripps Clinic and Research Foundation**

Dept of Grad Med Educ 403C  
10666 N Torrey Pines Rd  
La Jolla, CA 92037-1093  
*Med Sch Affil:* L-02312, G-00518  
*Specialty:* DMP  
*Institution ID:* 05-0225

**Livermore****Veterans Affairs Medical Center (Livermore)**

4951 Arroyo Rd  
Livermore, CA 94550  
*Med Sch Affil:* L-00511  
*Specialty:* IMG  
*Institution ID:* 05-0763

**Loma Linda****Jerry L Pettis Memorial Veterans Hospital**

11201 Benton St  
Loma Linda, CA 92357-1111  
*Med Sch Affil:* M-00512  
*Specialty:* CD, D, DR, GE, GS, IM, MPD, N, NEP, NS, OPH, ORS, OTO, P, PM, PS, PTH, PUD, RHU, U  
*Institution ID:* 05-0748

**Loma Linda University Community Hospital**

25333 Barton Rd  
Loma Linda, CA 92354  
*Med Sch Affil:* M-00512  
*Specialty:* MPD  
*Institution ID:* 05-8044

**Loma Linda University Medical Center**

11234 Anderson St  
Loma Linda, CA 92354  
*Med Sch Affil:* M-00512, L-02312  
*Specialty:* OBG  
*Institution ID:* 05-0238

**Long Beach****Long Beach Memorial Medical Center**

2801 Atlantic Ave  
PO Box 1428  
Long Beach, CA 90801-1428  
*Med Sch Affil:* M-00515, L-00514  
*Specialty:* CCP, CD, DR, EM, GE, GS, HEM, IM, IMG, NPM, OBG, OPH, PD, PM, PTH, RO  
*Institution ID:* 05-0195

**Southern California Center for Sports Medicine**

2760 Atlantic Ave  
Long Beach, CA 90806  
*Specialty:* OSM  
*Institution ID:* 05-8062

**St Mary Medical Center**

1050 Linden Ave  
Long Beach, CA 90813  
*Med Sch Affil:* L-00514  
*Specialty:* GS, VS  
*Institution ID:* 05-0287

**Veterans Affairs Medical Center (Long Beach)**

Long Beach Veterans Medical Center  
5901 E 7th St  
Long Beach, CA 90802  
*Med Sch Affil:* M-00515  
*Specialty:* AI, AN, CCA, CD, D, DMP, DR, END, GE, GS, HEM, ID, N, NEP, NS, OPH, ORS, OTO, P, PCC, PM, PS, PTH, RHU, RO, U  
*Institution ID:* 05-0186

**Los Angeles****American Red Cross Blood Services-Southern California Region**

1130 S Vermont Ave  
Los Angeles, CA 90006-0908  
*Specialty:* BBK  
*Institution ID:* 05-0764

**Barlow Respiratory Hospital**

2000 Stadium Way  
Los Angeles, CA 90026-2696  
*Med Sch Affil:* L-00506  
*Specialty:* PCC  
*Institution ID:* 05-7025

**California Medical Center (Los Angeles)**

1401 S Grand Ave  
Los Angeles, CA 90015-0001  
*Med Sch Affil:* G-00506  
*Specialty:* GS, RO  
*Institution ID:* 05-0231

**Cedars-Sinai Medical Center**

8700 Beverly Blvd  
Los Angeles, CA 90048-1869  
*Med Sch Affil:* M-00514, L-04815  
*Specialty:* AN, GE, HO, NEP, PM  
*Institution ID:* 05-0545

**Childrens Hospital of Los Angeles**

4650 Sunset Blvd  
Los Angeles, CA 90027  
*Med Sch Affil:* M-00506, L-00515, G-03201, G-00512  
*Specialty:* AI, CHN, NS, ORS, OTO, PS, RNR, TS  
*Institution ID:* 05-0344

**Joseph H Boyes Foundation**

1510 San Pablo Ste 300  
Los Angeles, CA 90033  
*Specialty:* HSO  
*Institution ID:* 05-8075

**Kaiser Foundation Hospital (Los Angeles)**

Hospital Administration  
4867 Sunset Blvd  
Los Angeles, CA 90027  
*Med Sch Affil:* M-00514, L-02312  
*Specialty:* AI, HSP  
*Institution ID:* 05-0285

**Kaiser Foundation Hospital (West Los Angeles)**

6041 Cadillac Ave  
Los Angeles, CA 90034  
*Med Sch Affil:* G-00514  
*Specialty:* PS  
*Institution ID:* 05-0742

**Kenneth Norris Jr Cancer Hospital and Research Institute**

1441 Eastlake Ave  
Los Angeles, CA 90033-0804  
*Med Sch Affil:* M-00506  
*Specialty:* CRS, RO, U, VIR  
*Institution ID:* 05-0793

**LAC-King/Drew Medical Center**

12021 S Wilmington Ave  
Los Angeles, CA 90059-3019  
*Med Sch Affil:* M-00514, L-03201, L-00506  
*Specialty:* AN, CCP, CD, D, DR, EM, FP, GS, ID, IM, NPM, OBG, OPH, ORS, OTO, P, PD, PUD  
*Institution ID:* 05-0577

**Los Angeles County-USC Medical Center**

1200 N State St  
PO Box 540  
Los Angeles, CA 90033-1084  
*Med Sch Affil:* M-00506, G-01401  
*Specialty:* FP, GS, HSP, P  
*Institution ID:* 05-0557

**Orthopaedic Hospital**

2400 S Flower St  
Los Angeles, CA 90007  
*Med Sch Affil:* M-00506  
*Specialty:* ORS  
*Institution ID:* 05-0347

**Shriners Hospital for Crippled Children (Los Angeles)**

3160 Geneva St  
Los Angeles, CA 90020-1199  
*Med Sch Affil:* L-00514  
*Specialty:* ORS  
*Institution ID:* 05-0367

**St Vincent Medical Center**

2131 W Third St  
Los Angeles, CA 90057  
*Med Sch Affil:* L-00506, G-00515  
*Specialty:* CD, NEP  
*Institution ID:* 05-0382

**UCLA Medical Center**

10833 Le Conte Ave  
Los Angeles, CA 90024-1705  
*Med Sch Affil:* M-00514  
*Specialty:* AI, AN, BBK, CCM, CCP, CD, CHN, D, DR, EM, END, FP, GE, GS, HEM, HSO, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, ON, ORS, OTO, PCR, PD, PDC, PDE, PDR, PHO, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 05-0555

**UCLA Medical Center-Jules Stein Eye Institute**

100 Stein Plaza  
Los Angeles, CA 90024-7000  
*Med Sch Affil:* M-00514  
*Specialty:* OPH  
*Institution ID:* 05-0781

**UCLA Neuropsychiatric Hospital**

Attn: Sandra Lipschultz  
760 Westwood Plaza Rm C8-852  
Los Angeles, CA 90024-1759  
*Med Sch Affil:* M-00514  
*Specialty:* CHP, P  
*Institution ID:* 05-0722

**UCLA School of Public Health**

Dean's Office  
16-035 CHS  
10833 Le Conte Ave  
Los Angeles, CA 90024-1772  
*Specialty:* OM, PH  
*Institution ID:* 05-0514

**University of Southern California School of Medicine**

1975 Zonal Ave KAM 500  
Los Angeles, CA 90033  
*Med Sch Affil:* M-00506  
*Specialty:* FP  
*Institution ID:* 05-0753

**USC University Hospital**

1500 San Pablo St  
Los Angeles, CA 90033  
*Specialty:* END, GS, ID, NEP, NS, ORS, PS, VIR  
*Institution ID:* 05-8065

**Veterans Affairs Medical Center (West Los Angeles)**

11301 Wilshire Blvd  
Los Angeles, CA 90033-2481  
*Med Sch Affil:* M-00514  
*Specialty:* AN, D, DR, GE, GS, IMG, NEP, NS, ON, OPH, ORS, PS, RHU, RO, TS, U  
*Institution ID:* 05-0255

**White Memorial Medical Center**

1720 Cesar E Chavez Ave  
Los Angeles, CA 90033-2481  
*Med Sch Affil:* M-00512  
*Specialty:* FP  
*Institution ID:* 05-0353

**Los Angeles (Sepulveda)****Veterans Affairs Medical Center (Sepulveda)**

16111 Plummer St  
Los Angeles (Sepulveda), CA 91343  
*Med Sch Affil:* M-00514  
*Specialty:* GE, GS, HSO, IMG, ORS, OTO, PM, PS  
*Institution ID:* 05-0408

**Martinez****Merrithew Memorial Hospital and Clinics**

2500 Alhambra Ave  
Martinez, CA 94553-3191  
*Med Sch Affil:* G-00519  
*Specialty:* N  
*Institution ID:* 05-0271

**Modesto****Stanislaus Medical Center**

830 Scenic Dr  
Modesto, CA 95353  
*Med Sch Affil:* G-00519  
*Specialty:* GS  
*Institution ID:* 05-0330

**Oakland****Children's Hospital Medical Center of Northern California**

747 52nd St  
Oakland, CA 94609  
*Med Sch Affil:* M-00502, G-00519  
*Specialty:* AN, CCP, ORS, PDR, TS  
*Institution ID:* 05-0110

**Highland General Hospital**

1411 E 31st St  
Oakland, CA 94602-1093  
*Med Sch Affil:* L-00502, G-00519  
*Specialty:* GS, OPH, ORS  
*Institution ID:* 05-0413

**Kaiser Permanente Medical Center (Oakland)**

280 W MacArthur Blvd  
Oakland, CA 94611-5693  
*Med Sch Affil:* L-00502, G-00519  
*Specialty:* IM, OBG, OTO, PD  
*Institution ID:* 05-0296

**Naval Hospital (Oakland)**

8750 Mountain Blvd  
Oakland, CA 94627-5000  
*Med Sch Affil:* M-02312, M-00502, G-00519  
*Specialty:* GS  
*Institution ID:* 05-0194

**Orange****Children's Hospital of Orange County**

455 S Main St  
Orange, CA 92668  
*Med Sch Affil:* G-00515  
*Specialty:* CCP, ORS, PD  
*Institution ID:* 05-0547

**St Joseph Hospital**

1100 W Stewart  
Orange, CA 92668-5600  
*Med Sch Affil:* L-00515  
*Specialty:* PD, RO, U  
*Institution ID:* 05-0749

**University of California (Irvine) Medical Center**

101 The City Dr  
Orange, CA 92668  
*Med Sch Affil:* M-00515  
*Specialty:* NM, PDP, PHO  
*Institution ID:* 05-0564

**Palo Alto****Lucile Salter Packard Children's Hospital at Stanford**

520 Sand Hill Rd  
Palo Alto, CA 94304  
*Med Sch Affil:* M-00511  
*Specialty:* AI, CCP, HSO, ORS, PD, PDE, PDP, PDR, PG, PHO, PN, U  
*Institution ID:* 05-0572

**Veterans Affairs Medical Center (Palo Alto)**

3801 Miranda Ave  
Palo Alto, CA 94304-1207  
*Med Sch Affil:* M-00511  
*Specialty:* AN, CD, CHN, D, DR, END, GE, GS, HEM, HSO, ID, IM, IMG, N, NEP, NM, NP, NS, ON, OPH, ORS, OTO, P, PM, PS, PTH, RHU, SPS, TS, U  
*Institution ID:* 05-0273

**Redding****Mercy Medical Center**

Clairmont Heights  
PO Box 496009  
Redding, CA 96049-6009  
*Med Sch Affil:* G-00519  
*Specialty:* FP  
*Institution ID:* 05-0745

**Redwood City****Kaiser-Permanente Medical Center (Redwood City)**

1150 Veterans Blvd  
Redwood City, CA 94063  
*Med Sch Affil:* L-00511  
*Specialty:* OTO  
*Institution ID:* 05-8029

**Riverside****Riverside General Hospital-University Medical Center**

9851 Magnolia Ave  
Riverside, CA 92503  
*Med Sch Affil:* M-00512  
*Specialty:* EM, FP, GS, MPD, N, OBG, OPH, OTO, PD, PS, U  
**Institution ID:** 05-0260

**Sacramento****Kaiser Foundation Hospital (Sacramento)**

2025 Morse Ave  
Sacramento, CA 95825  
*Med Sch Affil:* M-00519  
*Specialty:* GE, GS, HO, IM, NS, OBG, ORS, PS, TS, U  
**Institution ID:** 05-0578

**Kaiser Foundation Hospital (South Sacramento)**

6600 Bruceville Rd  
Sacramento, CA 95823  
*Specialty:* EM, GS  
**Institution ID:** 05-8048

**Sutter General Hospital**

2801 L St  
Sacramento, CA 95816  
*Med Sch Affil:* M-00519  
*Specialty:* FP  
**Institution ID:** 05-0241

**University of California (Davis) Medical Center**

2315 Stockton Blvd  
Sacramento, CA 95817  
*Med Sch Affil:* M-00519  
*Specialty:* FOP, FP, OM  
**Institution ID:** 05-0436

**San Bernardino****San Bernardino County Medical Center**

780 E Gilbert St  
San Bernardino, CA 92415-0935  
*Med Sch Affil:* M-00515, L-02312, L-00512  
*Specialty:* AN, GS, HSO, OBG, ORS, OTO, U  
**Institution ID:** 05-0207

**San Diego****Children's Hospital and Health Center**

3020 Children's Way #5069  
San Diego, CA 92123-4282  
*Med Sch Affil:* M-00518  
*Specialty:* CCP, CHN, CHP, NPM, NS, OP, ORS, PD, PDE, PN, PS, U, UP  
**Institution ID:** 05-0533

**Graduate School of Public Health**

San Diego State University  
San Diego, CA 92182  
*Med Sch Affil:* L-00518  
*Specialty:* GPM  
**Institution ID:** 05-8030

**Kaiser Foundation Hospital (San Diego)**

4647 Zion Ave  
San Diego, CA 92120  
*Med Sch Affil:* G-00518  
*Specialty:* NS, OBG, OTO  
**Institution ID:** 05-0760

**Naval Medical Center (San Diego)**

34800 Bob Wilson Dr  
San Diego, CA 92134-5000  
*Med Sch Affil:* M-02312, M-00518  
*Specialty:* NEP  
**Institution ID:** 05-0386

**Sharp Memorial Hospital**

7901 Frost St  
San Diego, CA 92123  
*Specialty:* FP  
**Institution ID:** 05-0366

**Veterans Affairs Medical Center (San Diego)**

3350 La Jolla Village Dr  
San Diego, CA 92161-4223  
*Med Sch Affil:* M-00518  
*Specialty:* AN, APM, CD, CHN, D, DR, END, GE, GS, HO, HSO, ID, IM, IMG, N, NEP, NM, NP, OPH, ORS, OTO, P, PCC, PS, PTH, RHU, TS, U  
**Institution ID:** 05-0589

**San Francisco****California Pacific Medical Center**

PO Box 7999  
San Francisco, CA 94120  
*Specialty:* PTH  
**Institution ID:** 05-8082

**California Pacific Medical Center (California Campus)**

PO Box 7999  
San Francisco, CA 94120  
*Med Sch Affil:* M-00502  
*Specialty:* NPM, PD  
**Institution ID:** 05-0190

**California Pacific Medical Center (Pacific Campus)**

PO Box 7999  
San Francisco, CA 94120  
*Med Sch Affil:* L-00502  
*Specialty:* CD, GE, HSO, IM, OBG, OPH, ORS, P, PD, PUD  
**Institution ID:** 05-0432

**Davies Medical Center**

Castro and Duboce Sts  
San Francisco, CA 94114  
*Med Sch Affil:* G-00502  
*Specialty:* HSP, PS  
**Institution ID:** 05-0469

**Kaiser Foundation Hospital (San Francisco)**

Graduate Medical Education Office  
2425 Geary Blvd  
San Francisco, CA 94115-3395  
*Med Sch Affil:* L-00502  
*Specialty:* GS, ORS, OBG, OTO  
**Institution ID:** 05-0204

**Langley Porter Psychiatric Hospitals and Clinics**

401 Parnassus Ave  
PO Box 0984  
San Francisco, CA 94143  
*Med Sch Affil:* M-00502  
*Specialty:* P  
**Institution ID:** 05-0122

**Mount Zion Medical Center of the University of California**

PO Box 7921  
San Francisco, CA 94115  
*Med Sch Affil:* M-00502  
*Specialty:* CD, GE, GS, ID, IM, IMG, NS, PD, PS, RO  
**Institution ID:** 05-0289

**San Francisco General Hospital Medical Center**

1001 Potrero Ave  
San Francisco, CA 94110  
*Med Sch Affil:* M-00502, L-02312  
*Specialty:* AN, CCA, CCM, CD, CHN, D, DR, END, GE, GS, HEM, ID, IM, N, NEP, NM, NP, NS, OBG, OM, ON, OPH, ORS, OTO, P, PCC, PD, PHO, PS, PTH, RHU, RNR, U  
**Institution ID:** 05-0334

**San Francisco Magnetic Resonance Center**

3333 California St  
San Francisco, CA 94118  
*Specialty:* RNR  
**Institution ID:** 05-8064

**San Francisco SurgiCentre**

1635 Divisadero St  
San Francisco, CA 94115  
*Specialty:* HSO  
**Institution ID:** 05-8074

**Shriners Hospital for Crippled Children (San Francisco)**

1701 19th Ave  
San Francisco, CA 94122-4599  
*Med Sch Affil:* L-00502  
*Specialty:* ORS  
**Institution ID:** 05-0239

**University of California (San Francisco) Medical Center**

500 Parnassus Ave  
San Francisco, CA 94143-0296  
*Med Sch Affil:* M-00502  
*Specialty:* AI, AN, CCA, CCM, CCF, CD, CHN, CHP, D, DR, END, GE, GS, HEM, HMP, HSO, HSP, ID, IM, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PDP, PDR, PG, PHO, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
**Institution ID:** 05-0554

**Veterans Affairs Medical Center (San Francisco)**

4150 Clement St  
San Francisco, CA 94121-1598  
*Med Sch Affil:* M-00502  
*Specialty:* AN, CHN, D, DR, END, GE, GS, HEM, ID, IM, N, NEP, NP, NS, ON, OPH, ORS, OTO, P, PS, PTH, RHU, RNR, TS, U  
**Institution ID:** 05-0113

**San Jose****Santa Clara Valley Medical Center**

Robert Sillen  
Health/Hosp Systems Administration  
2220 Moorpark Ave  
San Jose, CA 95128-2699  
*Med Sch Affil:* M-00511  
*Specialty:* AN, CHN, D, END, GE, GS, ID, N, OPH, ORS, OTO, PD, PM, U  
**Institution ID:** 05-0438

**San Rafael****Marin County Mental Health Services**

20 N San Pedro Rd St 2028  
San Rafael, CA 94903  
*Specialty:* P  
**Institution ID:** 05-8041

**Santa Ana****Western Medical Center**

1001 N Tustin Ave  
Santa Ana, CA 92705  
*Specialty:* FP  
**Institution ID:** 05-0747

**Santa Barbara****Santa Barbara Cottage Hospital**

PO Box 689  
Santa Barbara, CA 93102  
*Med Sch Affil:* L-00514, L-00506  
*Specialty:* CRS  
**Institution ID:** 05-0381

**Santa Barbara County Health Care Services**

300 N San Antonio Rd  
Santa Barbara, CA 93110  
*Specialty:* IM  
*Institution ID:* 05-0588

**Santa Clara****Kaiser Permanente Medical Center (Santa Clara)**

900 Kiely Blvd  
Santa Clara, CA 95051-5386  
*Med Sch Affil:* M-00511  
*Specialty:* EM, GS, P, PS  
*Institution ID:* 05-0571

**Sylmar****LAC-Olive View Medical Center**

14445 Olive View Dr  
Sylmar, CA 91342-1496  
*Specialty:* CD, DR, EM, END, FP, GE, GS, HO, IM, NPM, OBG, OTO, P, PD, PDR, PS, PTH, PUD, RHU, U  
*Institution ID:* 05-0216

**Torrance****Los Angeles County-Harbor-UCLA Medical Center**

1000 W Carson St  
Torrance, CA 90509-2910  
*Med Sch Affil:* M-00514, L-02312  
*Specialty:* GE, IM, NS, OPH, OTO, PS, U  
*Institution ID:* 05-0385

**Travis AFB****David Grant Medical Center**

60th Medical Group  
101 Bodin Circle  
Travis AFB, CA 94535-1800  
*Med Sch Affil:* M-02312, M-00519  
*Specialty:* N  
*Institution ID:* 05-0499

**Woodland****Yolo County Mental Health Services**

213 W Beamer St  
Woodland, CA 95695  
*Specialty:* CHP  
*Institution ID:* 05-8069

**Woodland Hills****Kaiser Foundation Hospital (Woodland Hills)**

5601 DeSoto Ave  
Woodland Hills, CA 91365-4084  
*Med Sch Affil:* G-00514  
*Specialty:* HSP  
*Institution ID:* 05-8068

**Colorado****Aurora****Fitzsimons Army Medical Center**

Graduate Medical Education Office  
Attn: MCHG-ZBA-E (Ms. Noles)  
Aurora, CO 80045-5000  
*Med Sch Affil:* M-02312, M-00702  
*Specialty:* OTO, U  
*Institution ID:* 07-0461

**Denver****Children's Hospital**

1056 E 19th Ave  
Medical Education Box 158  
Denver, CO 80218-1088  
*Med Sch Affil:* M-00702  
*Specialty:* CCP, CHN, NS, ORS, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PN, PS, TS  
*Institution ID:* 07-0378

**Denver Health and Hospitals**

777 Bannock St  
Denver, CO 80204-4507  
*Med Sch Affil:* M-00702  
*Specialty:* AN, CCM, CD, D, DMP, DR, END, FP, GE, GS, HEM, ID, IM, N, NEP, NS, OBG, ON, OPH, ORS, OTO, P, PD, PG, PS, PTH, PUD, RHU  
*Institution ID:* 07-0280

**Immunological Associates of Denver**

101 University Blvd  
PO Box 61159  
Denver, CO 80206-4632  
*Specialty:* ALL  
*Institution ID:* 07-8014

**National Jewish Ctr for Immunology and Respiratory Medicine**

1400 Jackson St  
Denver, CO 80206-1997  
*Med Sch Affil:* M-00702  
*Specialty:* AI, ALL, CCP, OM, PDP  
*Institution ID:* 07-0287

**Porter Memorial Hospital**

2525 S Downing St  
Denver, CO 80210  
*Med Sch Affil:* G-00702  
*Specialty:* EM  
*Institution ID:* 07-0388

**Presbyterian-Denver Hospital**

1719 E 19th Ave  
Denver, CO 80218  
*Med Sch Affil:* L-00702  
*Specialty:* TY  
*Institution ID:* 07-0309

**Provenant St Anthony Hospital Central**

4231 W 16th Ave  
Denver, CO 80204  
*Med Sch Affil:* G-00702  
*Specialty:* EM  
*Institution ID:* 07-0351

**Rose Medical Center**

4567 E 9th Ave  
Denver, CO 80220  
*Med Sch Affil:* M-00702  
*Specialty:* CCM, FP, GS, IM, OBG  
*Institution ID:* 07-0269

**St Joseph Hospital**

1835 Franklin St  
Denver, CO 80218-9968  
*Specialty:* EM  
*Institution ID:* 07-0451

**Veterans Affairs Medical Center (Denver)**

1055 Clermont St  
Denver, CO 80220  
*Med Sch Affil:* M-00702  
*Specialty:* AN, CCM, CD, D, DMP, DR, END, FP, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PM, PS, PTH, PUD, RHU, TS, U  
*Institution ID:* 07-0157

**Louisville****Avista Hospital**

100 Health Park Dr  
Louisville, CO 80027  
*Specialty:* FP  
*Institution ID:* 07-8019

**Vail****Vail Valley Medical Center**

181 W Meadow Dr  
Vail, CO 81657  
*Specialty:* OSM  
*Institution ID:* 07-8017

**Wray****Wray Community District Hospital**

340 Birch St PO Box 65  
Wray, CO 80758  
*Specialty:* FP  
*Institution ID:* 07-8016

**Connecticut****Bridgeport****Bridgeport Hospital**

267 Grant St  
Bridgeport, CT 06610-2870  
*Med Sch Affil:* M-00801  
*Specialty:* CCS  
*Institution ID:* 08-0359

**St Vincent's Medical Center**

2800 Main St  
Bridgeport, CT 06606  
*Med Sch Affil:* M-00801, L-03509  
*Specialty:* GS  
*Institution ID:* 08-0341

**Danbury****Danbury Hospital**

24 Hospital Ave  
Danbury, CT 06810-6099  
*Med Sch Affil:* M-00801, L-03509, G-00802  
*Specialty:* P  
*Institution ID:* 08-0363

**Derby****Griffin Hospital**

130 Division St  
Derby, CT 06418  
*Med Sch Affil:* M-00801  
*Specialty:* GS  
*Institution ID:* 08-0172

**Farmington****Connecticut Red Cross Blood Services**

209 Farmington Ave  
Farmington, CT 06032  
*Med Sch Affil:* G-00802  
*Specialty:* BBK  
*Institution ID:* 08-0728



### Univ of Connecticut Health Center/John Dempsey Hospital

University of Connecticut  
School of Medicine  
263 Farmington Ave  
Farmington, CT 06030

*Med Sch Affil:* M-00802

*Specialty:* AN, BBK, CD, CHP, DR, EM, END, GE, GS, HO, HSO, ID, IM, IMG, N, NEP, NM, NPM, NS, OBG, OM, OP, ORS, OSM, OTO, P, PCC, PD, PDE, PDP, PN, RHU, U, VS  
**Institution ID:** 08-0501

### Greenwich

#### Greenwich Hospital

Dept of Medical Education Rm 487N  
Perryridge Rd  
Greenwich, CT 06830

*Med Sch Affil:* M-00801

*Specialty:* P

**Institution ID:** 08-0257

### Hartford

#### Hartford Hospital

80 Seymour St  
Hartford, CT 06115-0729

*Med Sch Affil:* M-00802, L-03201

*Specialty:* BBK, EM, END, GE, GS, HSO, ID, IM, N, NM, NPM, ORS, OTO, P, PCC, PD, U, VS

**Institution ID:** 08-0275

#### Institute of Living

400 Washington St  
Hartford, CT 06106-3392

*Med Sch Affil:* M-00802

*Specialty:* CHP, P

**Institution ID:** 08-0400

#### Mount Sinai Hospital

500 Blue Hills Ave  
Hartford, CT 06112-1596

*Med Sch Affil:* M-00802

*Specialty:* CD, CHP, GS, ID, IM, PCC

**Institution ID:** 08-0316

#### St Francis Hospital and Medical Center

114 Woodland St  
Hartford, CT 06105-1299

*Med Sch Affil:* M-00802

*Specialty:* AN, BBK, CD, DR, EM, END, GE, GS, HO, IM, NM, ORS, OTO, PCC, U

**Institution ID:** 08-0490

### Middletown

#### Riverview Hospital for Children

River Rd  
PO Box 621  
Middletown, CT 06457

*Specialty:* CHP

**Institution ID:** 08-8015

### New Britain

#### New Britain General Hospital

100 Grand St  
New Britain, CT 06050-0100

*Med Sch Affil:* M-00802

*Specialty:* GE, GS, IM, OBG, OTO, PCC

**Institution ID:** 08-0372

### New Haven

#### Connecticut Mental Health Center

34 Park St  
New Haven, CT 06508

*Med Sch Affil:* M-00801

*Specialty:* P

**Institution ID:** 08-0715

### Hospital of St Raphael

1450 Chapel St  
New Haven, CT 06511-4440

*Med Sch Affil:* M-00801

*Specialty:* CCM, ORS, OTO, P, PD, PS, PUD, RO

**Institution ID:** 08-0244

#### Yale Psychiatric Institute

184 Liberty St  
P O Box 208038  
New Haven, CT 06520-8038

*Med Sch Affil:* M-00801

*Specialty:* P

**Institution ID:** 08-0711

#### Yale University Health Service

17 Hillhouse Ave  
New Haven, CT 06520

*Med Sch Affil:* G-00801

*Specialty:* P

**Institution ID:** 08-0716

#### Yale-New Haven Hospital

1063 Clinic Bldg  
20 York St  
New Haven, CT 06504-1111

*Med Sch Affil:* M-00801

*Specialty:* GE, GS, PUD

**Institution ID:** 08-0433

### Newington

#### Newington Children's Hospital

181 E Cedar St  
Newington, CT 06111-1540

*Med Sch Affil:* G-03201, G-00802

*Specialty:* APM, CHP, HSO, OP, ORS, PDE, U

**Institution ID:** 08-0407

#### Veterans Affairs Medical Center (Newington)

555 Willard Ave  
Newington, CT 06111-2600

*Med Sch Affil:* M-00802

*Specialty:* GE, HO, IM, NM, RHU

**Institution ID:** 08-0493

### Norwalk

#### Norwalk Hospital

Maple St  
Norwalk, CT 06856-5050

*Med Sch Affil:* M-00801, L-01642

*Specialty:* P

**Institution ID:** 08-0206

### Norwich

#### Uncas on Thames Hospital

PO Box 711  
Norwich, CT 06360

*Med Sch Affil:* L-00802

*Specialty:* RO

**Institution ID:** 08-7003

#### William W Backus Hospital

326 Washington St  
Norwich, CT 06360

*Specialty:* P

**Institution ID:** 08-7004

### Preston

#### Community Mental Health Services of Southeastern Connecticut

No 14 Rt 12  
Preston, CT 06365

*Specialty:* P

**Institution ID:** 08-8017

### Stamford

#### Stamford Hospital

Shelburne Rd and W Broad St  
PO Box 9317  
Stamford, CT 06904-9317

*Med Sch Affil:* M-03509

*Specialty:* P

**Institution ID:** 08-0456

### Waterbury

#### St Mary's Hospital

56 Franklin St  
Waterbury, CT 06706  
*Med Sch Affil:* M-00802, M-00801

*Specialty:* IM, PD, RHU

**Institution ID:** 08-0458

#### Waterbury Hospital Health Center

64 Robbins St  
Waterbury, CT 06721

*Med Sch Affil:* M-00801, L-03201

*Specialty:* GE, IM, OBG, PUD, RHU, U

**Institution ID:** 08-0131

### West Haven

#### Veterans Affairs Medical Center (West Haven)

950 Campbell Ave  
West Haven, CT 06516-2700

*Med Sch Affil:* M-00801

*Specialty:* AN, CD, D, DR, END, GS, ID, IM, IMG, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PS, PTH, PUD, RHU, RO, U, VIR

**Institution ID:** 08-0199

## Delaware

### Wilmington

#### Alfred I DuPont Institute of the Nemours Foundation

1600 Rockland Rd  
PO Box 269  
Wilmington, DE 19899-0269

*Med Sch Affil:* M-04102, G-04113

*Specialty:* CHN, ORS, PD, U

**Institution ID:** 09-0340

#### The Medical Center of Delaware

501 W 14th St  
PO Box 1668  
Wilmington, DE 19899

*Med Sch Affil:* M-04102, G-04113

*Specialty:* CHN, N, NPM, OPH, P, PD, TS

**Institution ID:** 09-0247

#### Veterans Affairs Medical Center (Wilmington)

1601 Kirkwood Hwy  
Wilmington, DE 19805-9997

*Med Sch Affil:* M-04102, G-02301

*Specialty:* N, OTO, U

**Institution ID:** 09-0462

## District of Columbia

### Washington

#### Armed Forces Institute of Pathology

6825 16th St NW  
Washington, DC 20306-6000  
*Med Sch Affil:* L-04107, L-02312, L-01643, L-01001,  
G-02012, G-01003  
*Specialty:* DR  
*Institution ID:* 10-0392

#### Children's National Medical Center

111 Michigan Ave NW  
Washington, DC 20010  
*Med Sch Affil:* M-01001, L-02312, L-01002, G-01003  
*Specialty:* CCP, CHN, GS, N, NPM, NS, OP, OPH, ORS, P,  
PD, PDC, PDR, PHO, PN, PS, PTH, RHU, RNR, RO, TS, U  
*Institution ID:* 10-0441

#### District of Columbia General Hospital

19th St and Massachusetts Ave SE  
Washington, DC 20003  
*Med Sch Affil:* M-01003, M-01002  
*Specialty:* AI, CD, END, GE, GS, HEM, IM, N, NEP, OBG,  
ON, OPH, ORS, PD, PUD, RHU, U  
*Institution ID:* 10-0183

#### George Washington University Hospital

901 23rd St NW  
Washington, DC 20037  
*Med Sch Affil:* M-01001, L-02312, G-01002  
*Specialty:* AN, CCA, CCM, CD, CHN, D, DMP, DR, EM,  
END, FP, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NPM,  
NS, OBG, OM, ON, OPH, ORS, P, PCP, PH, PS, PTH, PUD,  
RHU, RNR, RO, TS, U  
*Institution ID:* 10-0249

#### Georgetown University Hospital

1st Fl Gorman  
3800 Reservoir Rd NW  
Washington, DC 20007  
*Med Sch Affil:* M-01002, L-02312, G-02301, G-01001  
*Specialty:* IM, PDE  
*Institution ID:* 10-0470

#### Greater Southeast Community Hospital

1310 Southern Ave SE  
Washington, DC 20032  
*Med Sch Affil:* L-02312, G-01003  
*Specialty:* GS, IM  
*Institution ID:* 10-0704

#### Howard University Hospital

2041 Georgia Ave NW  
Washington, DC 20060  
*Med Sch Affil:* M-01003, L-02312, G-01002  
*Specialty:* PS  
*Institution ID:* 10-0475

#### Providence Hospital

1150 Varnum St NE  
Washington, DC 20017  
*Med Sch Affil:* L-02312, L-01001, G-01003, G-01002  
*Specialty:* FPG, ORS  
*Institution ID:* 10-0412

#### Sibley Memorial Hospital

5255 Loughboro Rd NW  
Washington, DC 20016-2698  
*Med Sch Affil:* M-01002  
*Specialty:* ORS, U  
*Institution ID:* 10-0479

#### Veterans Affairs Medical Center (Washington, DC)

50 Irving St NW  
Washington, DC 20422-0001  
*Med Sch Affil:* M-01003, M-01002, M-01001, L-02312  
*Specialty:* CCM, CD, D, END, GE, GS, HEM, HO, ID, IM,  
IMG, N, NEP, ON, OPH, ORS, OTO, P, PS, PTH, PUD, RHU,  
TS, U  
*Institution ID:* 10-0291

#### Walter Reed Army Medical Center

Bldg 2 Rm 2j33  
6825 16th St NW  
Washington, DC 20307-5001  
*Med Sch Affil:* M-02312, M-01002, L-01003, L-01001  
*Specialty:* ALI, DMP, RO  
*Institution ID:* 10-0242

#### Washington Hospital Center

110 Irving St NW  
Washington, DC 20010-2975  
*Med Sch Affil:* L-02312, L-01001, G-01003, G-01002  
*Specialty:* CCM, GS, N, NS, ORS, OTO, PM, PS, TS  
*Institution ID:* 10-0377

#### Washington School of Psychiatry

1610 New Hampshire NW  
Washington, DC 20009  
*Specialty:* P  
*Institution ID:* 10-0715

## Florida

### Bay Pines

#### Veterans Affairs Medical Center (Bay Pines)

Dept of Veterans Affairs  
Medical Center (516/11B)  
10000 Bay Pines Blvd  
Bay Pines, FL 33504  
*Med Sch Affil:* G-01104  
*Specialty:* AI, CCA, GS, HO, NEP, PS, PUD, U  
*Institution ID:* 11-0302

### Coral Gables

#### Doctor's Hospital

5000 University Dr  
PO Box 14-1739Y  
Coral Gables, FL 33114  
*Specialty:* ORS, OSM  
*Institution ID:* 11-7024

### Fort Lauderdale

#### Cleveland Clinic Florida

3000 W Cypress Creek Rd  
Fort Lauderdale, FL 33309-1743  
*Specialty:* CRS  
*Institution ID:* 11-8092

### Gainesville

#### Alachua General Hospital

801 SW Second Ave  
Gainesville, FL 32601-2666  
*Med Sch Affil:* M-01103  
*Specialty:* FP  
*Institution ID:* 11-0523

#### Shands Hospital at the University of Florida

P O Box 100326  
Gainesville, FL 32610  
*Med Sch Affil:* M-01103  
*Specialty:* AN, APM, CCA, CCP, CD, CHP, D, DR, END, FP,  
GE, GS, HEM, HMP, HSO, ID, IM, IMG, MPD, N, NEP, NM,  
NP, NPM, NR, NS, OAR, OBG, OMO, ON, OPH, ORS, OSM,  
OSS, OTO, P, PCC, PCP, PD, PDC, PDE, PDR, PG,  
PHO, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 11-0461

#### Veterans Affairs Medical Center (Gainesville)

1601 SW Archer Rd  
Gainesville, FL 32608-1197  
*Med Sch Affil:* M-01103  
*Specialty:* AN, APM, CCA, CD, D, DR, END, GE, GS, HEM,  
ID, IM, IMG, N, NEP, NM, NP, NR, NS, ON, OPH, ORS,  
OTO, P, PCC, PCP, PS, PTH, RHU, RNR, TS, U, VIR, VS  
*Institution ID:* 11-0525

### Hollywood

#### Memorial Hospital

3501 Johnson St  
Hollywood, FL 33021  
*Specialty:* GS  
*Institution ID:* 11-0276

### Jacksonville

#### Baptist Medical Center (UFHSC/J)

800 Prudential Dr  
Jacksonville, FL 32207-8203  
*Med Sch Affil:* G-01103  
*Specialty:* CCP, FP, ID, ON, PD  
*Institution ID:* 11-0119

#### Mayo Clinic (Jacksonville)

4500 San Pablo Rd  
Jacksonville, FL 32224  
*Med Sch Affil:* M-02608  
*Specialty:* APM, OTO  
*Institution ID:* 11-8093

#### Nemours Children's Clinic (UFHSC/J)

807 Nira St  
Jacksonville, FL 32207  
*Med Sch Affil:* L-01103  
*Specialty:* ORS, PD, PHO  
*Institution ID:* 11-0478

#### St Luke's Hospital

4201 Belfort Rd  
Jacksonville, FL 32216  
*Med Sch Affil:* M-02608  
*Specialty:* AN, APM, FP, IM, TY  
*Institution ID:* 11-0215

#### University Medical Center (UFHSC/J)

655 W Eighth St  
Jacksonville, FL 32209-6507  
*Med Sch Affil:* M-01103, L-02312  
*Specialty:* OPH, OTO  
*Institution ID:* 11-0486

### Lake City

#### Veterans Affairs Medical Center (Lake City)

801 S Marion St  
Lake City, FL 32025-5898  
*Med Sch Affil:* L-01103  
*Specialty:* GS  
*Institution ID:* 11-0507

### Miami

#### Bascom Palmer Eye Institute-Anne Bates Leach Eye Hospital

PO Box 016880  
Miami, FL 33101-6880  
*Med Sch Affil:* M-01102  
*Specialty:* OPH  
*Institution ID:* 11-0701

#### Cedars Medical Center

1400 NW 12th Ave  
Miami, FL 33136  
*Med Sch Affil:* L-01102  
*Specialty:* PS  
*Institution ID:* 11-0707

**Miami Children's Hospital**

3100 S W 62 Ave  
Miami, FL 33155-3098  
*Med Sch Affil:* L-01102  
*Specialty:* AN, OP  
*Institution ID:* 11-0311

**Miami Jewish Home and Hospital for the Aged**

5200 NE Second Ave  
Miami, FL 33137  
*Specialty:* IMG  
*Institution ID:* 11-3096

**University of Miami Hospital and Clinics**

1475 NW 12th Ave  
Miami, FL 33136-1002  
*Med Sch Affil:* M-01102  
*Specialty:* CHP  
*Institution ID:* 11-0721

**University of Miami-Jackson Memorial Medical Center**

1611 NW 12th Ave  
Miami, FL 33136  
*Med Sch Affil:* M-01102, L-02312  
*Specialty:* GS, VIR  
*Institution ID:* 11-0314

**Veterans Affairs Medical Center (Miami)**

1201 NW 16th St  
Miami, FL 33125-1693  
*Med Sch Affil:* M-01102  
*Specialty:* AN, CCM, CD, D, END, GE, GS, HO, HSO, ID, IM, IMG, MPD, N, NEP, NS, OPH, ORS, OTO, P, PCC, PM, PS, PTH, RHU, TS, U  
*Institution ID:* 11-0515

**Miami Beach****Mount Sinai Medical Center of Greater Miami**

4300 Alton Rd  
Miami Beach, FL 33140  
*Med Sch Affil:* L-01102  
*Specialty:* AN, CCM, D, EM, GE, ID, IMG, NS, PCC, TS  
*Institution ID:* 11-0101

**Orlando****Florida Hospital**

601 E Rollins St  
Orlando, FL 32803-1273  
*Med Sch Affil:* L-01104, L-00512  
*Specialty:* CRS, PS  
*Institution ID:* 11-0513

**Orlando Regional Medical Center**

Medical Education Admin MP #7  
1414 Kuhl Ave  
Orlando, FL 32806-2093  
*Med Sch Affil:* L-01103  
*Specialty:* PD  
*Institution ID:* 11-0258

**St Petersburg****All Children's Hospital**

801 Sixth St S  
PO Box 31020  
St Petersburg, FL 33731-8920  
*Med Sch Affil:* M-01104  
*Specialty:* AI, ALI, NS, PDE, PS  
*Institution ID:* 11-0182

**Bayfront Medical Center**

701 6th St S  
St Petersburg, FL 33701-4891  
*Med Sch Affil:* G-01104  
*Specialty:* PTH  
*Institution ID:* 11-0440

**Tampa****H Lee Moffitt Cancer Center**

12902 Magnolia Dr  
Tampa, FL 33612-9497  
*Med Sch Affil:* M-01104  
*Specialty:* AN, APM, DR, HO, ID, NS, OBG, OTO, PS, PTH, U  
*Institution ID:* 11-8003

**James A Haley Veterans Hospital**

13000 Bruce B Downs Blvd  
Tampa, FL 33612-4798  
*Med Sch Affil:* M-01104  
*Specialty:* AI, ALI, APM, CCM, CD, D, DMP, DR, END, GE, GS, HO, ID, IM, IMG, N, NEP, NS, OPH, OTO, P, PS, PTH, PUD, RHU, RNR, U  
*Institution ID:* 11-0521

**Shriners Hospital for Crippled Children (Tampa)**

12502 N Pine Dr  
Tampa, FL 33612-9499  
*Med Sch Affil:* L-01104, G-03519, G-02101  
*Specialty:* HSO, ORS  
*Institution ID:* 11-8002

**Tampa General Healthcare**

PO Box 1289  
Tampa, FL 33601-1289  
*Med Sch Affil:* M-01104  
*Specialty:* ALI, AN, CCA, CCM, CD, CHP, D, DR, END, GE, GS, HO, ID, IM, IMG, N, NEP, NS, OBG, OM, OPH, OTO, P, PD, PS, PTH, PUD, RHU, RNR, U, VS  
*Institution ID:* 11-0728

**TGH University Psychiatry Center**

3515 E Fletcher Ave  
Tampa, FL 33613  
*Med Sch Affil:* M-01104  
*Specialty:* CHP, P  
*Institution ID:* 11-8016

**University of South Florida College of Public Health**

13201 Bruce B Downs Blvd  
Tampa, FL 33612  
*Specialty:* OM  
*Institution ID:* 11-8097

**Vencor Hospital**

4555 S Manhattan Ave  
Tampa, FL 33611  
*Specialty:* PUD  
*Institution ID:* 11-8098

**Umatilla****Florida Elks Children's Hospital**

633 Umatilla Blvd  
PO Box 49  
Umatilla, FL 32784  
*Specialty:* ORS  
*Institution ID:* 11-8011

**Georgia****Atlanta****Crawford Long Hospital of Emory University**

550 Peachtree St NE  
Atlanta, GA 30365-2225  
*Med Sch Affil:* M-01205  
*Specialty:* APM, CD, EM, GS, IM, NM, NS, OBG, ORS, PS, RO, TS  
*Institution ID:* 12-0173

**Emory University Hospital**

1364 Clifton Rd NE  
Atlanta, GA 30322  
*Med Sch Affil:* M-01205  
*Specialty:* AI, AN, APM, CD, D, DMP, DR, END, GE, GS, HMP, HO, ID, IM, N, NEP, NM, NE, NR, NS, OBG, OPH, ORS, OTO, P, PCC, PCP, PM, PS, PTH, RHU, TS, TY, U, VIR, VS  
*Institution ID:* 12-0139

**Emory University School of Public Health**

1599 Clifton Rd NE  
Atlanta, GA 30329  
*Specialty:* MPH  
*Institution ID:* 12-9501

**Fulton County Health Department**

99 Butler St SE  
Atlanta, GA 30335  
*Specialty:* P  
*Institution ID:* 12-8021

**Fulton County Medical Examiner's Office**

50 Coca Cola Pl SE  
Atlanta, GA 30303  
*Med Sch Affil:* L-01205  
*Specialty:* FOP  
*Institution ID:* 12-0496

**Georgia Mental Health Institute**

1256 Briarcliff Rd NE  
Atlanta, GA 30306-2694  
*Med Sch Affil:* L-01205  
*Specialty:* CHP  
*Institution ID:* 12-0488

**Grady Memorial Hospital**

80 Butler St SE  
Atlanta, GA 30335  
*Med Sch Affil:* M-01221, M-01205, L-02312  
*Specialty:* AI, AN, CD, CHN, CHP, D, DMP, DR, EM, END, FOP, GE, GS, HO, ID, IM, MPH, N, NEP, NM, NE, NPM, NR, NS, OBG, OPH, ORS, OTO, P, PCC, PCR, PD, PDC, PDE, PHO, PM, PS, PTH, RHU, RNR, RO, TS, TY, U, VIR  
*Institution ID:* 12-0483

**HCA West Paces Ferry Hospital**

3200 Howell Mill Rd  
Atlanta, GA 30327  
*Specialty:* P  
*Institution ID:* 12-8020

**Henrietta Eggleston Hospital for Children**

1405 Clifton Rd NE  
Atlanta, GA 30322-1101  
*Med Sch Affil:* M-01205  
*Specialty:* AI, AN, CCP, CHN, CHP, GS, N, NS, ORS, OTO, PCP, PD, PDC, PDE, PDR, PHO, TS, TY, VS  
*Institution ID:* 12-0481

**Piedmont Hospital**

1968 Peachtree Rd NW  
Atlanta, GA 30309  
*Med Sch Affil:* G-01205  
*Specialty:* GS  
*Institution ID:* 12-0317

**Scottish Rite Children's Medical Center**

1001 Johnson Ferry Rd NE  
Atlanta, GA 30342-1600  
*Med Sch Affil:* G-01205  
*Specialty:* ORS, PS  
*Institution ID:* 12-0111

**Southwest Hospital and Medical Center**

501 Fairburn Rd SW  
Atlanta, GA 30331-2099  
*Med Sch Affil:* M-01221  
*Specialty:* FP  
*Institution ID:* 12-0500

**Wesley Woods Geriatric Hospital**

1821 Clifton Rd NE  
Atlanta, GA 30329  
Med Sch Affil: G-01205  
Specialty: IMG  
Institution ID: 12-7032

**Augusta****Georgia Radiation Therapy Center at Augusta**

1120 15th St  
Augusta, GA 30912-6700  
Specialty: RO  
Institution ID: 12-8001

**Georgia Regional Hospital at Augusta**

3405 Old Savannah Rd  
Augusta, GA 30906  
Specialty: CHP  
Institution ID: 12-8013

**University Hospital**

1350 Walton Way  
Augusta, GA 30601-2629  
Med Sch Affil: M-01201  
Specialty: CHN, EM, GS, IM, N, OBG, PD, U  
Institution ID: 12-0428

**Veterans Affairs Medical Center (Augusta)**

1 Freedom Way  
Augusta, GA 30904-6285  
Med Sch Affil: M-01201  
Specialty: AN, CD, CHN, D, DR, END, GE, GS, HO, ID, IM, N, NEP, NS, OPH, ORS, OTO, P, PCC, PS, PTH, RNR, TS, TY, U  
Institution ID: 12-0272

**Columbus****Hughston Sports Medicine Hospital**

100 First Ct  
PO Box 2319  
Columbus, GA 31908-2319  
Med Sch Affil: G-02101  
Specialty: ORS, OSM  
Institution ID: 12-8016

**The Medical Center Inc**

710 Center St  
Columbus, GA 31902  
Med Sch Affil: L-01222, L-01201  
Specialty: GS  
Institution ID: 12-0209

**Decatur****Georgia Regional Hospital at Atlanta**

3073 Panthersville Rd  
Decatur, GA 30037-0407  
Med Sch Affil: G-01221  
Specialty: P  
Institution ID: 12-8017

**Veterans Affairs Medical Center (Atlanta)**

1670 Clairmont Rd  
Decatur, GA 30033  
Med Sch Affil: M-01205  
Specialty: CD, D, DMP, END, GE, GS, IM, IMG, MPH, NP, OPH, ORS, OTO, P, PCC, PM, PS, PTH, RHU, RO, TS, U  
Institution ID: 12-0293

**Dublin****Veterans Affairs Medical Center (Dublin)**

1826 Veterans Blvd  
Dublin, GA 31021  
Specialty: GS  
Institution ID: 12-8025

**Fort Gordon****Dwight David Eisenhower Army Medical Center**

Graduate Medical Education  
Fort Gordon, GA 30905-5650  
Med Sch Affil: M-01201, L-02312  
Specialty: CHP, D  
Institution ID: 12-0492

**Macon****Central Georgia Mental Health Center**

653 Second St  
Macon, GA 31201  
Specialty: P  
Institution ID: 12-8026

**Medical Center of Central Georgia**

777 Hemlock  
PO Box 6000  
Macon, GA 31208-6000  
Specialty: P  
Institution ID: 12-0266

**Marietta****Georgia Dept of Human Resources-Division of Public Health**

1650 County Farm Rd  
Marietta, GA 30060-4009  
Specialty: MPH  
Institution ID: 12-8015

**Milledgeville****Central State Hospital**

Milledgeville, GA 31062  
Specialty: P  
Institution ID: 12-0346

**Smyrna****Brawner Psychiatric Institute**

3180 Atlanta St SE  
Smyrna, GA 30080  
Specialty: P  
Institution ID: 12-8019

**The Ridgeview Institute**

3995 S Cobb Dr  
Smyrna, GA 30080  
Med Sch Affil: M-01221, L-01205  
Specialty: P  
Institution ID: 12-8018

**Hawaii****Ewa Beach****Kahi Mohala Hospital**

91-2301 Ft Weaver Rd  
Ewa Beach, HI 96706  
Specialty: CHP  
Institution ID: 14-8012

**Honolulu****Kaiser Foundation Hospital (Moanalua)**

3288 Moanalua Rd  
Honolulu, HI 96819-1499  
Med Sch Affil: M-01401, G-00502  
Specialty: GS, IM, IMG, PTH, TY  
Institution ID: 14-0431

**Kapiolani Medical Center for Women and Children**

1319 Punahou St  
Honolulu, HI 96826-1032  
Med Sch Affil: M-01401  
Specialty: CHP, GS, NPM, OBG, PD, TY  
Institution ID: 14-0371

**Kuakini Medical Center**

347 N Kuakini St  
Honolulu, HI 96817-9980  
Med Sch Affil: M-01401  
Specialty: GS, IM, IMG, PTH, TY  
Institution ID: 14-0425

**Leahi Hospital**

3675 Kilanea Ave  
Honolulu, HI 96816  
Med Sch Affil: L-01401  
Specialty: CHP  
Institution ID: 14-0430

**Queen's Medical Center**

1301 Punchbowl St  
Honolulu, HI 96813-1234  
Med Sch Affil: M-01401  
Specialty: CCS, GS, IM, OBG, ORS, P, PTH, TY  
Institution ID: 14-0429

**Shriners Hospital for Crippled Children (Honolulu)**

1310 Punahou St  
Honolulu, HI 96826-1089  
Med Sch Affil: G-01401  
Specialty: OP, ORS  
Institution ID: 14-0300

**St Francis Medical Center**

2230 Liliha St  
Honolulu, HI 96817  
Med Sch Affil: M-01401  
Specialty: GS, IM, PTH, TY  
Institution ID: 14-0210

**Straub Clinic and Hospital**

888 S King St  
Honolulu, HI 96813  
Med Sch Affil: L-01401  
Specialty: GS, TY  
Institution ID: 14-0440

**Kaneohe****Hawaii State Hospital**

45-710 Keaahala Rd  
Kaneohe, HI 96744  
Med Sch Affil: M-01401  
Specialty: P  
Institution ID: 14-0268

**Tripler AMC****Tripler Army Medical Center**

Tripler Army Medical Center  
Attn: Graduate Medical Education  
Tripler AMC, HI 96859-5000  
Med Sch Affil: M-02312, M-01401  
Specialty: NPM, ORS  
Institution ID: 14-0426

**Idaho****Boise****St Alphonsus Regional Medical Center**

1055 N Curtis Rd  
Boise, ID 83706  
Med Sch Affil: G-05404  
Specialty: FP  
Institution ID: 15-0713

**St Luke's Regional Medical Center**

190 E Bannock St  
Boise, ID 83712  
*Med Sch Affil:* M-05404  
*Specialty:* FP, IMG  
*Institution ID:* 15-0711

**Veterans Affairs Medical Center (Boise)**

500 W Fort St  
Boise, ID 83702-4598  
*Med Sch Affil:* G-05404  
*Specialty:* IM  
*Institution ID:* 15-0712

**Pocatello****Bannock Regional Medical Center**

651 Memorial Dr  
Pocatello, ID 83201  
*Specialty:* FP  
*Institution ID:* 15-8002

**Pocatello Regional Medical Center**

777 Hospital Way  
Pocatello, ID 83201  
*Specialty:* FP  
*Institution ID:* 15-8003

**Illinois****Belleville****Memorial Hospital**

4500 Memorial Dr  
Belleville, IL 62223-5399  
*Med Sch Affil:* G-01645  
*Specialty:* FP  
*Institution ID:* 16-0786

**Berwyn****MacNeal Memorial Hospital**

3249 S Oak Park Ave  
Berwyn, IL 60402  
*Med Sch Affil:* M-01643, G-01611  
*Specialty:* CD, GS, IM, OBG  
*Institution ID:* 16-0453

**Chicago****Cabrini Hospital**

811 S Lytle  
Chicago, IL 60607  
*Specialty:* OBG, PD  
*Institution ID:* 16-0497

**Children's Memorial Medical Center**

2300 Children's Plaza  
Chicago, IL 60614  
*Med Sch Affil:* M-01606, G-01643, G-01611  
*Specialty:* AI, AN, CCP, CHN, CHF, D, NPM, NS, OP, OPH, ORS, PD, PDC, PDE, PDR, PDS, PHO, PN, PS, PTH, RNR, TS, U  
*Institution ID:* 16-0264

**Columbus Hospital**

2520 N Lakeview Ave  
Chicago, IL 60614-1895  
*Med Sch Affil:* M-01606, L-01643, G-01611  
*Specialty:* IM  
*Institution ID:* 16-0334

**Cook County Hospital**

1835 W Harrison St  
Chicago, IL 60612-9985  
*Med Sch Affil:* M-01642, M-01611, M-01601, G-01643, G-01606  
*Specialty:* CCM, CCP, END, NEP, NS, ORS, OTO, PS, TS, U  
*Institution ID:* 16-0164

**Grant Hospital of Chicago**

550 W Webster Ave  
Chicago, IL 60614-3708  
*Med Sch Affil:* G-01601  
*Specialty:* AI  
*Institution ID:* 16-0250

**HCA Chicago Lakeshore Hospital**

4840 N Marine Dr  
Chicago, IL 60640  
*Specialty:* CHP  
*Institution ID:* 16-8028

**Illinois Masonic Medical Center**

836 W Wellington Ave  
Chicago, IL 60657-5193  
*Med Sch Affil:* M-01611, M-01601, L-01642, G-01643  
*Specialty:* EM, FP, GS, NPM, PTH  
*Institution ID:* 16-0411

**Louis A Weiss Memorial Hospital**

4646 N Marine Dr  
Chicago, IL 60640  
*Med Sch Affil:* M-01602  
*Specialty:* OTO, TS, U  
*Institution ID:* 16-0123

**Max Samter Institute of Allergy and Clinical Immunology**

550 W Webster Ave  
Chicago, IL 60614  
*Specialty:* AI  
*Institution ID:* 16-8027

**McGaw Medical Center of Northwestern University**

303 E Chicago Ave  
Ward 9-332 W135  
Chicago, IL 60610-3008  
*Specialty:* OTO  
*Institution ID:* 16-0782

**Mercy Hospital and Medical Center**

Stevenson Expwy at King Dr  
Chicago, IL 60616-2477  
*Med Sch Affil:* M-01643, M-01611, L-01602, G-01606  
*Specialty:* DR, EM, GS, MPD, PTH, RHU  
*Institution ID:* 16-0329

**Michael Reese Hospital and Medical Center**

2929 S Ellis Ave  
Chicago, IL 60616-3390  
*Med Sch Affil:* M-01611, G-01602  
*Specialty:* AN, APM, CD, DMP, DR, END, GE, GS, HMP, HO, ID, IM, MPD, NM, NR, NS, OBG, OPH, ORS, OTO, PCC, PD, PDE, PM, PS, PTH, RHU, RO, U  
*Institution ID:* 16-0112

**Mount Sinai Hospital Medical Center of Chicago**

California Ave at 15th St  
Chicago, IL 60608-1797  
*Med Sch Affil:* M-01642, G-01602  
*Specialty:* CCM, CD, GE, GS, HO, ID, IM, IMG, P, PTH, PUD  
*Institution ID:* 16-0339

**Northwestern Memorial Hospital**

Wesley Pavilion Rm 290  
250 E Superior  
Chicago, IL 60611  
*Med Sch Affil:* M-01606  
*Specialty:* AI, ALI, AN, APM, CCA, CD, CHN, CHF, D, DR, EM, END, GE, GS, HEM, HO, ID, IM, IMG, MM, N, NEP, NM, NPM, NR, NS, ON, OPH, ORS, P, PCC, PCP, PM, PS, PTH, RHU, RNR, RO, SPS, TS, U, VIR, VS  
*Institution ID:* 16-0286

**Ravenswood Hospital Medical Center**

4550 N Winchester Ave  
Chicago, IL 60640-5205  
*Med Sch Affil:* M-01611  
*Specialty:* FP, ORS  
*Institution ID:* 16-0115

**Rehabilitation Institute of Chicago**

345 E Superior St  
Chicago, IL 60611  
*Med Sch Affil:* M-01606  
*Specialty:* PM  
*Institution ID:* 16-0491

**Resurrection Medical Center**

7435 W Talcott Ave  
Chicago, IL 60631  
*Med Sch Affil:* M-01643, L-01642  
*Specialty:* GS, OBG  
*Institution ID:* 16-0121

**Rush-Presbyterian-St Luke's Medical Center**

1653 W Congress Pkwy  
Chicago, IL 60612-3833  
*Med Sch Affil:* M-01601  
*Specialty:* CCP, FP  
*Institution ID:* 16-0278

**Schwab Rehabilitation Center and Care Network**

1401 S California Blvd  
Chicago, IL 60608-1612  
*Specialty:* PM  
*Institution ID:* 16-0480

**Shriners Hospital for Crippled Children (Chicago)**

2211 N Oak Park Ave  
Chicago, IL 60635-3392  
*Med Sch Affil:* L-01606, L-01602, G-01643, G-01611, G-01601  
*Specialty:* ORS, OSS, PS  
*Institution ID:* 16-0312

**Thorek Hospital and Medical Center**

850 W Irving Park Rd  
Chicago, IL 60613-3011  
*Specialty:* GE  
*Institution ID:* 16-0169

**University of Chicago Hospitals**

5841 S Maryland Ave  
Chicago, IL 60637-1470  
*Med Sch Affil:* M-01602, G-01611  
*Specialty:* ID  
*Institution ID:* 16-0465

**University of Illinois Hosp-Illinois Eye and Ear Infirmary**

1855 W Taylor St  
Chicago, IL 60612  
*Med Sch Affil:* M-01611, L-01643  
*Specialty:* OTO  
*Institution ID:* 16-0337

**University of Illinois Hospital and Clinics**

1740 W Taylor St  
MC 693  
Chicago, IL 60612  
*Med Sch Affil:* M-01611  
*Specialty:* AN, CD, D, DR, EM, END, FP, GE, GS, HO, ID, IM, IMG, MEM, MPD, MPM, N, NEP, NPM, NS, OBG, OM, OPH, ORS, P, PCC, PD, PDE, PM, PS, PTH, RHU, TS, U  
*Institution ID:* 16-0447

**University of Illinois School of Public Health**

2121 W Taylor Rm 116  
Chicago, IL 60612-7260  
*Specialty:* OM, PH  
*Institution ID:* 16-0769

**Veterans Affairs Lakeside Medical Center (Chicago)**

333 E Huron St  
Chicago, IL 60611  
*Med Sch Affil:* M-01606  
*Specialty:* AN, CCA, CD, D, DR, END, GE, GS, HO, ID, IM, IMG, N, NEP, NS, OPH, ORS, OTO, P, PCC, PCP, PTH, RHU, TS, U, VIR, VS  
*Institution ID:* 16-0243

**Veterans Affairs Westside Medical Center (Chicago)**

Education Service (141)  
3A 127 ACB  
820 S Damen Ave  
Chicago, IL 60612  
*Med Sch Affil:* M-01611  
*Specialty:* CD, D, DR, END, GE, GS, HO, ID, IM, IMG, MPD, MPM, N, NEP, ORS, OTO, P, PCC, PM, PTH, RHU, TS, U  
*Institution ID:* 16-0220

**Wyler Children's Hospital at the University of Chicago**

5841 S Maryland Ave  
Chicago, IL 60637  
*Med Sch Affil:* M-01602  
*Specialty:* MPD, PD  
*Institution ID:* 16-0763

**Danville****Veterans Affairs Medical Center (Danville)**

1900 E Main St  
Danville, IL 61832  
*Med Sch Affil:* M-01611  
*Specialty:* IM  
*Institution ID:* 16-0766

**Decatur****St Mary's Hospital**

1800 E Lake Shore Dr  
Decatur, IL 62521  
*Med Sch Affil:* M-01645  
*Specialty:* FP  
*Institution ID:* 16-0767

**Evanston****Evanston Hospital**

2650 Ridge Ave  
Evanston, IL 60201-1781  
*Med Sch Affil:* M-01606  
*Specialty:* AN, DR, GE, GS, N, NPM, NS, OBG, OPH, ORS, PD, PS, RO, TS  
*Institution ID:* 16-0145

**St Francis Hospital of Evanston**

355 Ridge Ave  
Evanston, IL 60202-3399  
*Med Sch Affil:* M-01611, G-01643  
*Specialty:* GS, ID  
*Institution ID:* 16-0168

**Granite City****St Elizabeth Medical Center**

2100 Madison Ave  
Granite City, IL 62040  
*Med Sch Affil:* L-02834  
*Specialty:* CHP  
*Institution ID:* 16-7112

**Hines****Edward J Hines Jr Veterans Affairs Hospital**

Fifth Ave and Roosevelt Rd  
PO Box 5000  
Hines, IL 60141  
*Med Sch Affil:* M-01643, L-01642, G-01611  
*Specialty:* AN, CD, CHN, D, END, GE, GS, HEM, HMP, ID, IM, IMG, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PCC, PCP, PM, PS, PTH, RHU, RO, TS, U, VS  
*Institution ID:* 16-0259

**LaGrange****LaGrange Memorial Health System**

5101 Willow Springs Rd  
LaGrange, IL 60525-9998  
*Med Sch Affil:* L-01602, L-01601  
*Specialty:* TS  
*Institution ID:* 16-0175

**Maywood****Loyola University of Chicago Stritch School of Medicine**

2160 S First Ave  
Maywood, IL 60153-5500  
*Med Sch Affil:* M-01643  
*Specialty:* TY  
*Institution ID:* 16-8001

**North Chicago****Veterans Affairs Medical Center (North Chicago)**

3001 Green Bay Rd  
North Chicago, IL 60064  
*Med Sch Affil:* M-01642  
*Specialty:* CCM, CD, END, GE, GS, HO, ID, IM, IMG, N, P, PUD  
*Institution ID:* 16-0460

**Oak Forest****Oak Forest Hospital of Cook County**

15900 S Cicero Ave  
Oak Forest, IL 60452  
*Med Sch Affil:* G-01602, G-01601  
*Specialty:* OPH, PM  
*Institution ID:* 16-0732

**Oak Lawn****EHS Christ Hospital and Medical Center**

4440 W 95th St  
Oak Lawn, IL 60453-4213  
*Med Sch Affil:* M-01611, L-01642, L-01601  
*Specialty:* FP, GS, N, OBG, TS  
*Institution ID:* 16-0303

**Park Ridge****Lutheran General Hospital**

1775 Dempster St  
Park Ridge, IL 60068-1174  
*Med Sch Affil:* M-01602, G-01643, G-01606  
*Specialty:* EM, GS, ORS, PDS, PS, SPS, U  
*Institution ID:* 16-0484

**Peoria****Methodist Medical Center of Illinois**

221 NE Glen Oak Ave  
Peoria, IL 61636  
*Med Sch Affil:* M-01611  
*Specialty:* FP, N, NS  
*Institution ID:* 16-0390

**St Francis Medical Center**

530 NE Glen Oak Ave  
Peoria, IL 61637  
*Med Sch Affil:* M-01611  
*Specialty:* DR, EM, GS, IM, N, NS, OBG, PD  
*Institution ID:* 16-0398

**Rockford****St Anthony Medical Center**

5666 E State St  
Rockford, IL 61108-2472  
*Med Sch Affil:* M-01611  
*Specialty:* FP  
*Institution ID:* 16-0102

**Swedish American Hospital**

1400 Charles St  
Rockford, IL 61104-2298  
*Med Sch Affil:* M-01611  
*Specialty:* FP  
*Institution ID:* 16-0446

**Skokie****Rush North Shore Medical Center**

9600 Gross Point Rd  
Skokie, IL 60076  
*Med Sch Affil:* M-01601  
*Specialty:* OBG  
*Institution ID:* 16-0753

**Springfield****Memorial Medical Center**

800 N Rutledge St  
Springfield, IL 62781-0001  
*Med Sch Affil:* M-01645  
*Specialty:* DR, END, FP, GE, GS, ID, IM, MP, MPD, N, OBG, OPH, ORS, OSS, OTO, P, PS, PUD, SPS, U, VS  
*Institution ID:* 16-0509

**St John's Hospital**

800 E Carpenter St  
Springfield, IL 62769  
*Med Sch Affil:* M-01645  
*Specialty:* DR, END, FP, GE, GS, ID, IM, MP, MPD, N, OBG, OPH, ORS, OSS, OTO, P, PD, PS, PUD, SPS, U, VS  
*Institution ID:* 16-0503

**Urbana****Carle Foundation Hospital**

611 W Park St  
Urbana, IL 61801-2595  
*Med Sch Affil:* M-01611  
*Specialty:* IM  
*Institution ID:* 16-0146

**Covenant Medical Center**

1400 W Park St  
Urbana, IL 61801  
*Med Sch Affil:* M-01611  
*Specialty:* IM  
*Institution ID:* 16-0768

**Wheaton****Marianjoy Rehabilitation Hospital and Clinics**

26 W 171 Roosevelt Rd  
PO Box 795  
Wheaton, IL 60189-0795  
*Med Sch Affil:* G-01643, G-01601  
*Specialty:* PM  
*Institution ID:* 16-8025

**Indiana****Fort Wayne****Fort Wayne State Development Center**

4900 St Joe Rd  
Fort Wayne, IN 46835  
*Specialty:* ORS  
*Institution ID:* 17-8008

**Lutheran Hospital of Indiana**

7950 W Jefferson Blvd  
Fort Wayne, IN 46804  
*Med Sch Affil:* L-01720  
*Specialty:* FP, TY  
*Institution ID:* 17-0228

**Parkview Memorial Hospital**

2200 Randallia Dr  
Fort Wayne, IN 46805  
*Med Sch Affil:* L-01720  
*Specialty:* FP, ORS, TY  
*Institution ID:* 17-0447

**St Joseph's Medical Center**

700 Broadway  
Fort Wayne, IN 46802  
*Med Sch Affil:* L-01720  
*Specialty:* FP, ORS, TY  
*Institution ID:* 17-0422

**Gary****The Methodist Hospitals**

600 Grant St  
Gary, IN 46402-1523  
*Med Sch Affil:* L-01720  
*Specialty:* FP  
*Institution ID:* 17-0236

**Hammond****St Margaret Hospital and Health Center**

5454 Hohman Ave  
Hammond, IN 46320  
*Specialty:* FP  
*Institution ID:* 17-0449

**Indianapolis****Central Indiana Regional Blood Center**

3450 N Meridian St  
Indianapolis, IN 46208  
*Specialty:* BBK  
*Institution ID:* 17-8008

**Community Hospitals of Indianapolis**

1500 N Ritter Ave  
Indianapolis, IN 46219-0805  
*Med Sch Affil:* M-01720  
*Specialty:* PM, TY  
*Institution ID:* 17-0710

**Gallahue Mental Health Center of  
Community Hospital**

1500 Ritter St  
Indianapolis, IN 46219  
*Specialty:* CHP  
*Institution ID:* 17-8002

**Indiana University Medical Center**

I U School of Medicine  
Fesler Hall Rm 207  
1120 South Dr  
Indianapolis, IN 46202-5114  
*Med Sch Affil:* M-01720  
*Specialty:* HSO  
*Institution ID:* 17-0444

**Larue D Carter Memorial Hospital**

1315 West Tenth St  
Indianapolis, IN 46202-2885  
*Med Sch Affil:* M-01720  
*Specialty:* CHP, P  
*Institution ID:* 17-0189

**Methodist Hospital of Indiana**

I-65 at 21st St  
PO Box 1367  
Indianapolis, IN 46206-1367  
*Med Sch Affil:* M-01720  
*Specialty:* NS, OPH, ORS, U  
*Institution ID:* 17-0217

**Richard L Roudebush Veterans Affairs  
Medical Center**

1120 South Dr FH 207  
Indianapolis, IN 46202-5114  
*Med Sch Affil:* M-01720  
*Specialty:* AN, D, DMP, DR, GS, IM, IMG, MM, MPD, N,  
NM, NS, OPH, ORS, OTO, P, PCP, PM, PS, PTH, RO, TS,  
TY, U  
*Institution ID:* 17-0414

**Riley Hospital for Children**

I U School of Medicine  
Fesler Hall Rm 207  
1120 South Dr  
Indianapolis, IN 46202-5114  
*Specialty:* HMP, PDR  
*Institution ID:* 17-8005

**St Vincent Hospital and Health Care  
Center**

2001 W 86th St  
P O Box 40970  
Indianapolis, IN 46240  
*Med Sch Affil:* M-01720  
*Specialty:* ORS  
*Institution ID:* 17-0421

**William N Wishard Memorial Hospital**

1120 South Dr FH207  
Indianapolis, IN 46202-5114  
*Med Sch Affil:* M-01720  
*Specialty:* AN, BBK, CHP, D, DMP, DR, FP, GS, IM, IMG,  
MM, MPD, N, NM, NPM, NS, OBG, OPH, ORS, OTO, P,  
PCC, PCP, PD, PDS, PM, PS, PTH, RNR, RO, TY, U  
*Institution ID:* 17-0141

**Jeffersonville****Lifespring Mental Health Services**

207 W 13th St  
Jeffersonville, IN 47130  
*Specialty:* P  
*Institution ID:* 17-8004

**Iowa****Cedar Rapids****Mercy Medical Center**

701 10th St SE  
Cedar Rapids, IA 52403-0003  
*Specialty:* FP  
*Institution ID:* 18-0452

**Des Moines****Broadlawns Medical Center**

1801 Hickman Rd  
Des Moines, IA 50314-1597  
*Med Sch Affil:* L-01803  
*Specialty:* GS  
*Institution ID:* 18-0240

**Iowa Methodist Medical Center**

1200 Pleasant St  
Des Moines, IA 50309-9976  
*Med Sch Affil:* L-01803  
*Specialty:* TY  
*Institution ID:* 18-0130

**Mercy Hospital Medical Center**

400 University Ave  
Des Moines, IA 50314-3190  
*Specialty:* GS  
*Institution ID:* 18-0356

**Veterans Affairs Medical Center (Des  
Moines)**

3600 30th St  
Des Moines, IA 50310-5774  
*Med Sch Affil:* L-01803  
*Specialty:* IM, TY  
*Institution ID:* 18-0228

**Iowa City****Mercy Hospital**

500 Market St  
Iowa City, IA 52245  
*Med Sch Affil:* G-01803  
*Specialty:* FP, FPG  
*Institution ID:* 18-0416

**Veterans Affairs Medical Center (Iowa  
City)**

Hwy #6 W  
Iowa City, IA 52246  
*Med Sch Affil:* M-01803  
*Specialty:* AN, DR, GS, HSO, IM, MP, N, NM, NP, NR, NS,  
ORS, OTO, P, PCP, PTH, RNR, U  
*Institution ID:* 18-0319

**Sioux City****Marian Health Center**

801 5th St  
PO Box 3168  
Sioux City, IA 51101  
*Med Sch Affil:* L-01803  
*Specialty:* FP  
*Institution ID:* 18-0709

**Waterloo****Allen Memorial Hospital**

1825 Logan Ave  
Waterloo, IA 50703-1999  
*Med Sch Affil:* L-01803  
*Specialty:* FP  
*Institution ID:* 18-0713

**Covenant Medical Center**

3421 W Ninth St  
Waterloo, IA 50702  
*Specialty:* FP  
*Institution ID:* 18-0714

**Kansas****Kansas City****Bethany Medical Center**

51 N 12th St  
Kansas City, KS 66102  
*Med Sch Affil:* L-01802  
*Specialty:* IM, PM  
*Institution ID:* 19-0418

**University of Kansas Medical Center**

3901 Rainbow Blvd  
Kansas City, KS 66160-7100  
*Med Sch Affil:* M-01902  
*Specialty:* AI, AN, CD, CHN, CHP, D, DR, END, FP, GE, GS, HEM, HSP, ID, IM, IMG, MP, MPD, N, NEP, NM, NR, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PM, PS, PTH, RHU, RO, TS, U, VS  
*Institution ID:* 19-0488

**Leavenworth****Dwight D Eisenhower Veterans Affairs Medical Center**

4101 S 4th St Trafficway  
Leavenworth, KS 66048-5055  
*Med Sch Affil:* L-01902  
*Specialty:* GS, PM  
*Institution ID:* 19-0406

**Salina****Asbury-Salina Regional Medical Center**

400 S Santa Fe Ave  
Salina, KS 67401  
*Med Sch Affil:* G-01902  
*Specialty:* FP  
*Institution ID:* 19-0518

**St John's Regional Health Center**

139 N Penn St  
PO Box 5201  
Salina, KS 67402  
*Specialty:* FP  
*Institution ID:* 19-0519

**Topeka****C F Menninger Memorial Hospital**

5800 SW Sixth Ave  
PO Box 829  
Topeka, KS 66601-0829  
*Specialty:* CHP, P  
*Institution ID:* 19-0504

**Colmery-O'Neil Veterans Affairs Medical Center**

2200 Gage Blvd  
Topeka, KS 66622  
*Med Sch Affil:* G-01902  
*Specialty:* P  
*Institution ID:* 19-0498

**St Francis Hospital and Medical Center**

1700 W 7th St  
Topeka, KS 66606-1690  
*Specialty:* FP  
*Institution ID:* 19-0513

**Stormont-Vail Regional Medical Center**

1500 SW 10th St  
Topeka, KS 66604-1353  
*Med Sch Affil:* G-01902  
*Specialty:* FP, IM  
*Institution ID:* 19-0510

**Topeka State Hospital**

Center Bldg  
2700 W 6th St  
Topeka, KS 66606-1888  
*Specialty:* P  
*Institution ID:* 19-0138

**Wichita****Charter Wichita Behavioral System**

8901 E Orme  
Wichita, KS 67207  
*Specialty:* P  
*Institution ID:* 19-8001

**St Francis Regional Medical Center**

929 N St Francis Ave  
Wichita, KS 67214-3882  
*Med Sch Affil:* M-01902  
*Specialty:* AN, FP, GS, IM, ORS, P  
*Institution ID:* 19-0192

**St Joseph Medical Center**

3600 E Harry St  
Wichita, KS 67218-9936  
*Med Sch Affil:* M-01902  
*Specialty:* AN, FP, P  
*Institution ID:* 19-0306

**Veterans Affairs Medical Center (Wichita)**

5500 E Kellogg  
Wichita, KS 67218  
*Med Sch Affil:* L-01902  
*Specialty:* IM, ORS, P  
*Institution ID:* 19-0196

**Wesley Medical Center**

550 N Hillside  
Wichita, KS 67214-4976  
*Med Sch Affil:* M-01902  
*Specialty:* AN, DR, FP, GS, IM, OBG, ORS, PD  
*Institution ID:* 19-0500

**Kentucky****Lexington****Cardinal Hill Hospital**

2050 Versailles Rd  
Lexington, KY 40504  
*Med Sch Affil:* G-02012  
*Specialty:* PM  
*Institution ID:* 20-0525

**Central Baptist Hospital**

1740 Nicholasville Rd  
Lexington, KY 40503  
*Med Sch Affil:* G-02012  
*Specialty:* FP, OBG  
*Institution ID:* 20-0248

**Charter Ridge Hospital**

3050 Rio Dosa Dr  
Lexington, KY 40509  
*Med Sch Affil:* G-02012  
*Specialty:* CHP, CPP  
*Institution ID:* 20-8006

**Shriners Hospital for Crippled Children (Lexington)**

1900 Richmond Rd  
Lexington, KY 40502-1298  
*Med Sch Affil:* G-02012  
*Specialty:* ORS  
*Institution ID:* 20-0284

**St Joseph Hospital**

1 St Joseph Dr  
Lexington, KY 40504-3754  
*Med Sch Affil:* L-02012  
*Specialty:* U  
*Institution ID:* 20-0261

**University Hospital-Albert B Chandler Medical Center**

800 Rose St N-106  
Lexington, KY 40536-0084  
*Med Sch Affil:* M-02012  
*Specialty:* FP  
*Institution ID:* 20-0505

**University of Kentucky College of Medicine**

800 Rose St N-106  
Lexington, KY 40536-0084  
*Med Sch Affil:* M-02012  
*Specialty:* GPM, OM  
*Institution ID:* 20-0513

**Veterans Affairs Medical Center (Lexington)**

2250 Leestown Rd  
Lexington, KY 40511-1093  
*Med Sch Affil:* M-02012  
*Specialty:* AI, CCM, CD, END, GE, GS, HEM, ID, IM, MPD, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PCP, PM, PS, PTH, PUD, RHU, TS, U, VS  
*Institution ID:* 20-0352

**Louisville****Amelia Brown Frazier Rehabilitation Center**

220 Abraham Flexner Way  
Louisville, KY 40202  
*Med Sch Affil:* G-02002  
*Specialty:* PM  
*Institution ID:* 20-0515

**Child Psychiatric Services (Bingham Child Guidance Clinic)**

Univ of Louisville School Medicine  
200 E Chestnut St  
Louisville, KY 40202-1822  
*Med Sch Affil:* L-02002  
*Specialty:* CHP, P  
*Institution ID:* 20-0500

**James Graham Brown Medical Center**

529 S Jackson St  
Louisville, KY 40202  
*Specialty:* HMP, HO  
*Institution ID:* 20-8005

**Jewish Hospital**

217 E Chestnut St  
Louisville, KY 40202  
*Med Sch Affil:* G-02002  
*Specialty:* HSS, NEP, ORS, PS, TS, U  
*Institution ID:* 20-0196

**Kosair Children's Hospital (Alliant Health System)**

315 E Broadway  
PO Box 35070  
Louisville, KY 40232-5070  
*Med Sch Affil:* M-02002  
*Specialty:* AN, BBK, CHP, EM, GS, MPD, NEP, NPM, NS, OBG, OPH, ORS, OTO, PD, PS, PTH, TS, U  
*Institution ID:* 20-0345

**Louisville Hand Surgery Center**

1001 Doctor's Office Bldg  
250 E Liberty St  
Louisville, KY 40202  
*Specialty:* PS  
*Institution ID:* 20-8003

**Methodist Evangelical Hospital**

315 E Broadway  
Louisville, KY 40202  
*Specialty:* ORS  
*Institution ID:* 20-8007

**Norton Hospital (Alliant Health System)**

PO Box 35070  
200 E Chestnut St  
Louisville, KY 40232-5070  
*Med Sch Affil:* M-02002  
*Specialty:* BBK, EM, GS, N, NEP, NS, OBG, ORS, OTO, P, PTH, U  
*Institution ID:* 20-0235



**Office of Chief Medical Examiner**

810 Barret Ave  
Louisville, KY 40204  
*Specialty:* FOP  
**Institution ID: 20-8008**

**University of Louisville Hospital**

530 S Jackson St  
Louisville, KY 40202-3611  
*Med Sch Affil:* M-02002  
*Specialty:* AN, CD, D, DR, EM, END, FOP, FP, GE, GS, HMP, HO, ID, IM, MPD, N, NEP, NPM, NS, OBG, OPH, ORS, OTO, P, PS, PTH, PUD, RHU, RO, TS, U  
**Institution ID: 20-0283**

**University of Louisville School of Medicine**

House Staff Office  
Abell Administration Ctr Rm 518  
Louisville, KY 40292  
*Med Sch Affil:* M-02002  
*Specialty:* BBK  
**Institution ID: 20-0507**

**Veterans Affairs Medical Center (Louisville)**

800 Zorn Ave  
Louisville, KY 40206-1499  
*Med Sch Affil:* M-02002  
*Specialty:* AN, CD, D, DR, END, GE, GS, HO, ID, IM, MPD, N, NEP, OPH, ORS, OTO, P, PS, PTH, PUD, RHU, TS, U  
**Institution ID: 20-0179**

**Madisonville****Regional Medical Center of Hopkins County**

900 Hospital Dr  
Madisonville, KY 42431-1694  
*Med Sch Affil:* L-02012, L-02002  
*Specialty:* FP  
**Institution ID: 20-0520**

**Louisiana****Alexandria****Veterans Affairs Medical Center (Alexandria)**

Shreveport Hwy  
Alexandria, LA 71301  
*Med Sch Affil:* G-02101  
*Specialty:* ORS  
**Institution ID: 21-0100**

**Baton Rouge****Baton Rouge General Medical Center**

3600 Florida St  
PO Box 2511  
Baton Rouge, LA 70821-2511  
*Med Sch Affil:* M-02105  
*Specialty:* EM  
**Institution ID: 21-7005**

**Earl K Long Medical Center**

5825 Airline Hwy  
Baton Rouge, LA 70805-2498  
*Med Sch Affil:* M-02105  
*Specialty:* GS, OBG, ORS  
**Institution ID: 21-0491**

**Gretna****Meadowcrest Hospital**

2500 Belle Chase Hwy  
Gretna, LA 70056  
*Specialty:* U  
**Institution ID: 21-8023**

**Houma****Leonard J Chabert Medical Center**

1978 Industrial Blvd  
Houma, LA 70363  
*Specialty:* FP, GS, IM, OBG, OPH, ORS  
**Institution ID: 21-0735**

**Lafayette****University Medical Center (Lafayette)**

2390 W Congress  
PO Box 4016-C  
Lafayette, LA 70502-4016  
*Med Sch Affil:* M-02105  
*Specialty:* GS, OBG, ORS, OTO  
**Institution ID: 21-0380**

**Lake Charles****Lake Charles Memorial Hospital**

1701 Oak Park Blvd  
Drawer M  
Lake Charles, LA 70601  
*Specialty:* OSM  
**Institution ID: 21-8019**

**Metairie****Doctors Hospital of Jefferson**

4320 Houma Blvd  
Metairie, LA 70006  
*Specialty:* HSP  
**Institution ID: 21-8022**

**East Jefferson General Hospital**

4200 Houma Blvd  
Metairie, LA 70011  
*Med Sch Affil:* L-02101  
*Specialty:* HSP  
**Institution ID: 21-8021**

**Monroe****E A Conway Medical Center**

PO Box 1881  
4864 Jackson St  
Monroe, LA 71210-1881  
*Med Sch Affil:* G-02106  
*Specialty:* GS, OBG, TY  
**Institution ID: 21-0344**

**New Orleans****Alton Ochsner Medical Foundation**

Graduate Medical Education  
1516 Jefferson Hwy  
New Orleans, LA 70121  
*Med Sch Affil:* M-02105, G-02101  
*Specialty:* D, N, NS, OTO, PD, PDC, PM, PS  
**Institution ID: 21-0381**

**Blood Center for Southeast Louisiana**

312 S Galvez St  
New Orleans, LA 70119  
*Specialty:* BBK  
**Institution ID: 21-9026**

**Childrens Hospital**

200 Henry Clay Ave  
New Orleans, LA 70118  
*Med Sch Affil:* M-02105, G-02101  
*Specialty:* AI, CHN, DR, MPD, NPM, NS, OP, ORS, PD, PHO, TY, U  
**Institution ID: 21-0731**

**Eye Ear Nose and Throat Hospital**

2626 Napoleon Ave  
New Orleans, LA 70115  
*Med Sch Affil:* G-02105, G-02101  
*Specialty:* OPH, OTO  
**Institution ID: 21-0110**

**Louisiana Rehabilitation Institute**

1532 Tulane Ave  
New Orleans, LA 70140  
*Specialty:* PM  
**Institution ID: 21-0734**

**Louisiana State University Eye Center**

2020 Gravier St Ste B  
New Orleans, LA 70112  
*Med Sch Affil:* M-02105  
*Specialty:* OPH  
**Institution ID: 21-8015**

**Louisiana State University Medical Center**

1542 Tulane Ave  
New Orleans, LA 70112-2822  
*Med Sch Affil:* M-02105  
*Specialty:* NEP  
**Institution ID: 21-0495**

**Louisiana State University School of Medicine**

1542 Tulane Ave  
New Orleans, LA 70112-2822  
*Med Sch Affil:* M-02105  
*Specialty:* TS  
**Institution ID: 21-9502**

**Medical Center of Louisiana at New Orleans**

1532 Tulane Ave  
New Orleans, LA 70140-1015  
*Med Sch Affil:* M-02105  
*Specialty:* CHN, MPD, NPM, TS, U  
**Institution ID: 21-0727**

**Medical Center of Louisiana at New Orleans-LSU Division**

1542 Tulane Ave  
New Orleans, LA 70112-2822  
*Med Sch Affil:* M-02105  
*Specialty:* AI, AN, CD, CHN, CHP, D, DR, EM, END, GE, GS, HEM, HSP, ID, IM, MEM, MPD, MPM, N, NEP, NS, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PCP, PD, PM, PS, PTH, RHU, TY, VS  
**Institution ID: 21-0231**

**Medical Center of Louisiana at New Orleans-Tulane Division**

1532 Tulane Ave  
New Orleans, LA 70140-1015  
*Med Sch Affil:* M-02101  
*Specialty:* AI, CD, D, DMP, END, GE, GS, HO, ID, IM, MN, MP, N, NEP, NS, OBG, OPH, ORS, OTO, P, PD, PN, PS, PTH, PUD, TY, U  
**Institution ID: 21-0726**

**Medical Center of Louisiana University Hospital Campus**

2021 Perdido St  
PO Box 61262  
New Orleans, LA 70161-1262  
*Med Sch Affil:* M-02105  
*Specialty:* CD, END, GE, HEM, ID, IM, MEM, N, NEP, ON, ORS, PCC, PS, RHU, VS  
**Institution ID: 21-0223**

**Southern Baptist Hospital**

2700 Napoleon Ave  
New Orleans, LA 70115  
*Med Sch Affil:* M-02105  
*Specialty:* GE, HSP, PCC  
*Institution ID:* 21-0409

**Touro Infirmary**

1401 Foucher St  
New Orleans, LA 70115-3593  
*Med Sch Affil:* M-02101, G-02105  
*Specialty:* GS, P, PM, PS  
*Institution ID:* 21-0193

**Tulane University Hospital and Clinics**

1415 Tulane Ave  
New Orleans, LA 70112-2699  
*Med Sch Affil:* M-02101  
*Specialty:* AI, AN, CCM, CD, CHN, CHP, D, DR, END, GE, GS, HO, IM, MN, MP, N, NPM, NS, OBG, OPH, ORS, OSM, OTO, P, PD, PDC, PDP, PHO, PN, PS, PUD, TS, TY, U  
*Institution ID:* 21-0485

**Veterans Affairs Medical Center-LSU Service (New Orleans)**

1601 Perdido St  
New Orleans, LA 70146  
*Med Sch Affil:* M-02105  
*Specialty:* AN, D, DR, GS, OTO, PS, PTH, TS, VS  
*Institution ID:* 21-0234

**Veterans Affairs Medical Center-Tulane Service (New Orleans)**

1601 Perdido St  
New Orleans, LA 70146  
*Med Sch Affil:* M-02101, L-02312  
*Specialty:* AI, CCM, CD, GE, HO, ID, IM, MN, MP, MPD, N, NEP, NS, OPH, ORS, P, PUD, TY, U  
*Institution ID:* 21-0733

**Pineville****Huey P Long Regional Medical Center**

PO Box 5352  
Pineville, LA 71361-5352  
*Med Sch Affil:* M-02101, L-02105  
*Specialty:* GS, OBG, ORS  
*Institution ID:* 21-0430

**Shreveport****Charter Forest Hospital**

9320 Linwood Ave  
PO Box 18130  
Shreveport, LA 71138-1130  
*Specialty:* P  
*Institution ID:* 21-8024

**Louisiana State University Medical Center-Shreveport**

1501 Kings Hwy  
PO Box 33932  
Shreveport, LA 71130-3932  
*Med Sch Affil:* M-02106  
*Specialty:* P  
*Institution ID:* 21-0722

**Overton Brooks Veterans Affairs Medical Center**

510 E Stoner Ave  
Shreveport, LA 71101-4295  
*Med Sch Affil:* M-02106  
*Specialty:* CCM, CD, D, GE, GS, ID, IM, NEP, OPH, ORS, OTO, P, PCC, PTH, RHU, TY, U  
*Institution ID:* 21-0497

**Schumpert Medical Center**

915 Margaret Pl  
PO Box 21976  
Shreveport, LA 71120-1976  
*Med Sch Affil:* L-02106  
*Specialty:* CRS, FP, U  
*Institution ID:* 21-0460

**Shriners Hospital for Crippled Children (Shreveport)**

3100 Sanford Ave  
Shreveport, LA 71103-4289  
*Med Sch Affil:* L-02106  
*Specialty:* ORS  
*Institution ID:* 21-0410

**Willis-Knighton Medical Center**

2600 Greenwood Rd  
Box 32600  
Shreveport, LA 71103  
*Med Sch Affil:* L-02106  
*Specialty:* GS  
*Institution ID:* 21-0459

**Maine****Portland****Mercy Hospital**

144 State St  
Portland, ME 04101  
*Specialty:* FP, GS  
*Institution ID:* 22-0385

**South Portland****Jackson Brook Institute**

175 Running Hill Rd  
South Portland, ME 04106  
*Specialty:* CHP  
*Institution ID:* 22-8001

**Togus****Veterans Affairs Medical Center (Togus)**

VAM&ROC  
Togus, ME 04330  
*Specialty:* U  
*Institution ID:* 22-0200

**Waterville****Mid-Maine Medical Center**

149 North St  
Waterville, ME 04901  
*Med Sch Affil:* G-03201  
*Specialty:* FP  
*Institution ID:* 22-0260

**Maryland****Baltimore****American Red Cross Blood Services**

4700 Mount Hope Dr  
Baltimore, MD 21215-3200  
*Specialty:* BBK  
*Institution ID:* 23-8014

**Children's Hospital and Center for Reconstructive Surgery**

3825 Greenspring Ave  
Baltimore, MD 21211  
*Med Sch Affil:* G-02307, G-02301  
*Specialty:* ORS, OSM, PS  
*Institution ID:* 23-0285

**Franklin Square Hospital Center**

9000 Franklin Square Dr  
Baltimore, MD 21237-3998  
*Med Sch Affil:* L-02312, L-02307, L-02301  
*Specialty:* P  
*Institution ID:* 23-0122

**Good Samaritan Hospital of Maryland**

5601 Loch Raven Blvd  
Baltimore, MD 21239-2995  
*Med Sch Affil:* G-02307  
*Specialty:* ORS, PM  
*Institution ID:* 23-0522

**Greater Baltimore Medical Center**

6701 N Charles St  
Baltimore, MD 21204-6808  
*Med Sch Affil:* L-02301, G-02307  
*Specialty:* OTO  
*Institution ID:* 23-0507

**James Lawrence Kernan Hospital**

2200 N Forest Park Ave  
Baltimore, MD 21207  
*Med Sch Affil:* L-02301  
*Specialty:* ORS  
*Institution ID:* 23-0238

**Johns Hopkins Bayview Medical Center**

4940 Eastern Ave  
Baltimore, MD 21224  
*Med Sch Affil:* M-02307, L-02312, L-02301  
*Specialty:* AI, AN, D, DMP, EM, GE, GS, IM, IMG, N, NEP, NPM, NS, OBG, ORS, OTO, P, PCC, PS, U  
*Institution ID:* 23-0118

**Johns Hopkins Hospital**

600 N Wolfe St  
Baltimore, MD 21205-2195  
*Med Sch Affil:* M-02307, G-02301  
*Specialty:* AI, AN, APM, BBK, CCA, CCM, CCP, CCS, CD, CHN, CHP, D, DMP, DR, EM, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NP, NPM, NR, NS, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PD, PDC, PDE, PDP, PDR, PDS, PG, PHO, PIP, PM, PN, PS, PTH, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 23-0191

**Johns Hopkins University School of Hygiene/Public Health**

615 N Wolfe St  
Baltimore, MD 21205-2179  
*Med Sch Affil:* L-02307  
*Specialty:* OM, PH  
*Institution ID:* 23-0503

**Maryland General Hospital**

827 Linden Ave  
Baltimore, MD 21201-4681  
*Med Sch Affil:* L-02301  
*Specialty:* OTO  
*Institution ID:* 23-0147

**Mercy Medical Center**

301 St Paul Pl  
Baltimore, MD 21201-2165  
*Med Sch Affil:* M-02301  
*Specialty:* EM, EMP, GS, IM, MEM, NPM, OBG, PD  
*Institution ID:* 23-0195

**Sheppard and Enoch Pratt Hospital**

6501 N Charles St  
PO Box 6815  
Baltimore, MD 21285-6815  
*Med Sch Affil:* G-02301  
*Specialty:* CHP  
*Institution ID:* 23-0397

**Sinai Hospital of Baltimore**

2401 W Belvedere Ave  
Baltimore, MD 21215-5271  
*Med Sch Affil:* M-02307, L-02301  
*Specialty:* GS, PM, U  
*Institution ID:* 23-0160

**St Agnes Hospital of the City of Baltimore**

900 S Caton Ave  
Baltimore, MD 21229-5299  
*Med Sch Affil:* L-02301, G-02307  
*Specialty:* ORS, U  
*Institution ID:* 23-0320

**Union Memorial Hospital**

201 E University Pkwy  
Baltimore, MD 21218-2895  
*Med Sch Affil:* M-02307, L-02301  
*Specialty:* FP, PS  
*Institution ID:* 23-0287

**University of Maryland Medical System**

22 S Greene St  
Baltimore, MD 21201-1559  
*Med Sch Affil:* M-02301, G-02307  
*Specialty:* CCM, PDS, PS  
*Institution ID:* 23-0247

**University of Maryland School of Medicine**

655 W Baltimore St  
Baltimore, MD 21201-1559  
*Med Sch Affil:* M-02301, L-02312  
*Specialty:* OBG  
*Institution ID:* 23-0513

**Veterans Affairs Medical Center (Baltimore)**

10 N Greene St  
Baltimore, MD 21201-1524  
*Med Sch Affil:* M-02301, G-02307  
*Specialty:* CCM, CD, D, END, ID, IM, IMG, N, NS, P, PTH, PUD, RHU, RNR, U, VIR  
*Institution ID:* 23-0265

**Walter P Carter Center**

630 W Fayette St  
Baltimore, MD 21201-1585  
*Med Sch Affil:* M-02301  
*Specialty:* P  
*Institution ID:* 23-0713

**Bethesda****National Cancer Institute**

Bldg 10 Rm 12N-214  
9000 Rockville Pike  
Bethesda, MD 20892  
*Med Sch Affil:* L-02312  
*Specialty:* PCP  
*Institution ID:* 23-8012

**National Naval Medical Center (Bethesda)**

8901 Wisconsin Ave  
Bethesda, MD 20814-5011  
*Med Sch Affil:* M-02312, L-01002, L-01001, G-01003  
*Specialty:* ON, PCP, RO, TY  
*Institution ID:* 23-0275

**NIH Warren Grant Magnuson Clinical Center**

Bldg 10 Rm 1C129  
National Institutes of Health  
10 Center Drive MSC 1158  
Bethesda, MD 20892-1158  
*Med Sch Affil:* L-02312, L-01001, G-01002  
*Specialty:* ALL, APM, CCM, NS, PHO, RNR  
*Institution ID:* 23-0204

**Suburban Hospital**

8600 Old Georgetown Rd  
Bethesda, MD 20814-1497  
*Med Sch Affil:* G-02312, G-01002, G-01001  
*Specialty:* PS  
*Institution ID:* 23-0386

**USUHS F Edward Herbert School of Medicine**

4301 Jones Bridge Road  
Bethesda, MD 20814-4799  
*Med Sch Affil:* M-02312  
*Specialty:* NEP, PDE  
*Institution ID:* 23-0714

**Catonsville****Spring Grove Hospital Center**

Wade Ave  
Catonsville, MD 21228  
*Med Sch Affil:* L-02301  
*Specialty:* P  
*Institution ID:* 23-0289

**Silver Spring****Holy Cross Hospital of Silver Spring**

1500 Forest Glen Rd  
Silver Spring, MD 20910-9987  
*Med Sch Affil:* M-01001, L-02312  
*Specialty:* FP, GS, OBG  
*Institution ID:* 23-0710

**Massachusetts****Amherst****School of Public Health and Health Sciences**

102 Arnold House  
School of Public Health & Hlth Sci  
Univ of Massachusetts  
Amherst, MA 01003-0430  
*Specialty:* OM  
*Institution ID:* 24-8067

**Bedford****Edith Nourse Rogers Memorial Veterans Hospital**

200 Springs Rd  
Bedford, MA 01730  
*Med Sch Affil:* L-02405  
*Specialty:* GPM, IMG, P, PM  
*Institution ID:* 24-0443

**Belmont****McLean Hospital**

115 Mill St  
Belmont, MA 02178  
*Med Sch Affil:* M-02401, L-02312  
*Specialty:* CHP  
*Institution ID:* 24-0230

**Boston****Beth Israel Hospital**

330 Brookline Ave  
Boston, MA 02215-5191  
*Med Sch Affil:* M-02401  
*Specialty:* CCM, CHN, D, DMP, HSO, ID, N, NM, NPM, ORS, OTO, P, PS, RNR, RO, U  
*Institution ID:* 24-0436

**Boston City Hospital**

818 Harrison Ave  
Admin 403  
Boston, MA 02118  
*Med Sch Affil:* M-02405, L-02407, L-02312  
*Specialty:* AN, CCM, CCS, CD, D, END, GE, GS, HO, ID, IM, NEP, NPM, OPH, ORS, OTO, P, PUD, RHU, TS, TY, U  
*Institution ID:* 24-0434

**Boston Department of Health and Hospitals**

818 Harrison Ave  
Admin 403  
Boston, MA 02118  
*Specialty:* GPM  
*Institution ID:* 24-8071

**Boston University Medical Center-University Hospital**

88 E Newton St  
Boston, MA 02118-2393  
*Med Sch Affil:* M-02405, L-02312  
*Specialty:* CCM, CD, DR, END, GE, HO, ID, IM, IMG, NEP, OTO, PCP, PS, PTH, PUD, RHU, TY  
*Institution ID:* 24-0186

**Boston University School of Medicine**

80 E Concord St  
Boston, MA 02118-2394  
*Med Sch Affil:* M-02405  
*Specialty:* GPM  
*Institution ID:* 24-8026

**Boston University School of Public Health**

80 E Concord St  
Boston, MA 02118  
*Specialty:* GPM, OM  
*Institution ID:* 24-8068

**Brigham and Women's Hospital**

75 Francis St  
Boston, MA 02115  
*Med Sch Affil:* M-02401, L-02312, G-02101  
*Specialty:* APM, D, DMP, N, NEP, NPM, NS, OPH, ORS, PCP, RO, SP  
*Institution ID:* 24-0438

**Carney Hospital**

2100 Dorchester Ave  
Boston, MA 02124-5666  
*Med Sch Affil:* M-02405, L-02407  
*Specialty:* GS, P  
*Institution ID:* 24-0239

**Children's Hospital**

300 Longwood Ave  
Boston, MA 02115  
*Med Sch Affil:* M-02401, L-03515, G-03201, G-02416  
*Specialty:* AN, APM, CCA, D, DMP, DR, HSO, HSP, NM, NP, NR, NS, OMO, ON, ORS, P, PS, RNR, RO, TS, U  
*Institution ID:* 24-0152

**Dana-Farber Cancer Institute**

44 Binney St  
Boston, MA 02115  
*Specialty:* NM, ON, PHO, RO, VIR  
*Institution ID:* 24-0726

**Erich Lindemann Mental Health Center**

25 Staniford St Govt Center  
Boston, MA 02114  
*Specialty:* P  
*Institution ID:* 24-0757

**Faulkner Hospital**

1153 Centre St  
Boston, MA 02130  
*Med Sch Affil:* M-02407, L-02401  
*Specialty:* GE, GS, IM  
*Institution ID:* 24-0472

**Harvard Community Health Plan**

Teaching Center  
Two Fenway Plaza  
Boston, MA 02215  
*Med Sch Affil:* M-02401  
*Specialty:* P  
*Institution ID:* 24-0510

**Jewish Memorial Hospital**

59 Townsend St  
 Boston, MA 02119  
*Med Sch Affil:* G-02405  
*Specialty:* IMG  
*Institution ID:* 24-0753

**Joint Center for Radiation Therapy**

50 Binney St  
 Boston, MA 02115  
*Specialty:* RO  
*Institution ID:* 24-0523

**Joslin Diabetes Center**

One Joslin Place  
 Boston, MA 02215  
*Specialty:* END  
*Institution ID:* 24-8034

**Judge Baker Guidance Center**

295 Longwood Ave  
 Boston, MA 02115  
*Med Sch Affil:* M-02401  
*Specialty:* CHP  
*Institution ID:* 24-0212

**Lemuel Shattuck Hospital**

Attr: Donneleen Bearde  
 Medical Services  
 170 Morton St  
 Boston, MA 02130  
*Med Sch Affil:* M-02407  
*Specialty:* GE, P  
*Institution ID:* 24-0401

**Mallory Institute of Pathology Foundation**

784 Massachusetts Ave  
 Boston, MA 02118  
*Specialty:* DMP  
*Institution ID:* 24-8030

**Massachusetts General Hospital**

Fruit St  
 Boston, MA 02114  
*Med Sch Affil:* M-02401, L-02312  
*Specialty:* OBG, PG  
*Institution ID:* 24-0394

**Massachusetts Mental Health Center**

74 Fenwood Rd  
 Boston, MA 02115  
*Med Sch Affil:* M-02401  
*Specialty:* CHP, P  
*Institution ID:* 24-0255

**New England Baptist Hospital**

125 Parker Hill Ave  
 Boston, MA 02120-2850  
*Med Sch Affil:* L-02407  
*Specialty:* HSO, ORS  
*Institution ID:* 24-0522

**New England Deaconess Hospital**

One Deaconess Road  
 Boston, MA 02215-5399  
*Med Sch Affil:* M-02401, L-02312  
*Specialty:* CCM, D, DMP, P, U  
*Institution ID:* 24-0262

**New England Medical Center Hospitals**

750 Washington St  
 Boston, MA 02111-9915  
*Med Sch Affil:* M-02407  
*Specialty:* D, MPM, OTO, PS  
*Institution ID:* 24-0378

**Solomon Carter Fuller Mental Health Center**

85 E Newton St  
 Boston, MA 02118  
*Med Sch Affil:* M-02405  
*Specialty:* P  
*Institution ID:* 24-0755

**St Elizabeth's Medical Center of Boston**

736 Cambridge St  
 Boston, MA 02135-1111  
*Med Sch Affil:* M-02407  
*Specialty:* N, OBG, TS, U  
*Institution ID:* 24-0211

**Veterans Affairs Medical Center (Boston)**

150 S Huntington Ave  
 Boston, MA 02130-4898  
*Med Sch Affil:* M-02407, M-02405  
*Specialty:* CCM, D, DR, GE, GS, HO, ID, IM, N, OPH, ORS, OTO, P, PM, PTH, PUD, RHU, RO, U  
*Institution ID:* 24-0257

**Braintree****Braintree Hospital**

250 Pond St  
 Braintree, MA 02184  
*Specialty:* PM  
*Institution ID:* 24-8070

**Brockton****Brockton Hospital**

680 Centre St  
 Brockton, MA 02402-3395  
*Med Sch Affil:* M-02405  
*Specialty:* GS  
*Institution ID:* 24-0225

**Brockton-West Roxbury Veterans Affairs Medical Center**

940 Belmont St  
 Brockton, MA 02401-5596  
*Med Sch Affil:* M-02401  
*Specialty:* CCM, CD, GS, HSO, IM, IMG, MPD, NM, ORS, PS, PTH, U  
*Institution ID:* 24-0172

**Cardinal Cushing General Hospital**

235 N Pearl St  
 Brockton, MA 02401  
*Med Sch Affil:* L-02407  
*Specialty:* GS  
*Institution ID:* 24-8014

**Burlington****Lahey Clinic**

41 Mall Rd  
 Burlington, MA 01805  
*Med Sch Affil:* L-02407, L-02401, G-02405  
*Specialty:* D, N, ORS, OTO, PCC, PTH, TS  
*Institution ID:* 24-0163

**Cambridge****Cambridge Hospital**

1493 Cambridge St  
 Cambridge, MA 02139  
*Med Sch Affil:* M-02401, L-02407  
*Specialty:* HSP, PS  
*Institution ID:* 24-0367

**Mount Auburn Hospital**

330 Mount Auburn St  
 Cambridge, MA 02238  
*Med Sch Affil:* M-02401  
*Specialty:* GS, HSP, TS, VS  
*Institution ID:* 24-0375

**Framingham****MetroWest Medical Center**

Framingham Union Campus  
 115 Lincoln St  
 Framingham, MA 01701  
*Med Sch Affil:* L-02416, L-02405  
*Specialty:* P  
*Institution ID:* 24-0162

**Lawrence****Lawrence General Hospital**

One General St  
 Lawrence, MA 01841  
*Specialty:* FP  
*Institution ID:* 24-0330

**Malden****Malden Hospital**

100 Hospital Rd  
 Malden, MA 02148-3591  
*Med Sch Affil:* M-02405  
*Specialty:* OBG  
*Institution ID:* 24-0188

**Newton Lower Falls****Newton-Wellesley Hospital**

2014 Washington St  
 Newton Lower Falls, MA 02162  
*Med Sch Affil:* M-02407  
*Specialty:* GS, HSO, ORS, PS  
*Institution ID:* 24-0448

**Somerville****Somerville Hospital**

230 Highland Ave  
 Somerville, MA 02143  
*Specialty:* CHP  
*Institution ID:* 24-8074

**Springfield****Baystate Medical Center**

759 Chestnut St  
 Springfield, MA 01199-9999  
*Med Sch Affil:* M-02407, L-02312, G-02405  
*Specialty:* ORS  
*Institution ID:* 24-0309

**Shriners Hospital for Crippled Children (Springfield)**

516 Carew St  
 Springfield, MA 01104-2396  
*Med Sch Affil:* G-02405  
*Specialty:* ORS  
*Institution ID:* 24-0388

**Stoneham****New England Memorial Hospital**

5 Woodland Rd  
 PO Box 9102  
 Stoneham, MA 02180-9102  
*Specialty:* CHP  
*Institution ID:* 24-0740

**Stoughton****New England Sinai Hospital and Rehabilitation Center**

150 York St  
 Stoughton, MA 02072  
*Specialty:* PM  
*Institution ID:* 24-8035

**Wellesley****Charles River Hospital**

203 Grove St  
Wellesley, MA 02181  
*Specialty:* CHP  
*Institution ID:* 24-0749

**Worcester****Medical Center of Central Massachusetts**

119 Belmont St  
Worcester, MA 01605-2982  
*Med Sch Affil:* M-02416  
*Specialty:* EM, FP, GS, IMG, NPM, OBG, ORS, PTH, U  
*Institution ID:* 24-0113

**St Vincent Hospital**

25 Winthrop St  
Worcester, MA 01604-4593  
*Med Sch Affil:* M-02416  
*Specialty:* EM, FP, GE, GS, N, NS, ORS, TS, U  
*Institution ID:* 24-0361

**University of Massachusetts Medical Center**

55 Lake Ave N  
Worcester, MA 01655  
*Med Sch Affil:* M-02416, G-03201, G-02312  
*Specialty:* CD, NS  
*Institution ID:* 24-0724

**University of Massachusetts Medical School**

55 Lake Ave N  
Worcester, MA 01655  
*Med Sch Affil:* M-02416, L-02312  
*Specialty:* GPM, OM  
*Institution ID:* 24-9501

**Worcester City Hospital**

26 Queen St  
Worcester, MA 01610  
*Specialty:* CCA  
*Institution ID:* 24-0140

**Michigan****Allen Park****Veterans Affairs Medical Center (Allen Park)**

Southfield & Outer Dr  
Allen Park, MI 48101-3199  
*Med Sch Affil:* M-02507  
*Specialty:* AI, CD, D, END, GE, GS, ID, IM, IMG, MPD, NEP, ON, ORS, OTO, PS, PUD, RHU, U  
*Institution ID:* 25-0108

**Ann Arbor****St Joseph Mercy Hospital (Catherine McAuley Health System)**

PO Box 995  
RHB Ste R2112  
Ann Arbor, MI 48106  
*Med Sch Affil:* M-02501  
*Specialty:* EM, MPD, ORS, PS, SPS  
*Institution ID:* 25-0487

**University of Michigan Hospitals**

Office of Clinical Affairs  
C201 Med Inn Box 0826  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0826  
*Med Sch Affil:* M-02501  
*Specialty:* OBG  
*Institution ID:* 25-0256

**Veterans Affairs Medical Center (Ann Arbor)**

2215 Fuller Rd  
Ann Arbor, MI 48105  
*Med Sch Affil:* M-02501  
*Specialty:* CD, D, DR, END, GE, GS, HEM, ID, IM, IMG, MPD, N, NEP, NM, ON, OPH, ORS, OTO, P, PCC, PS, PTH, RNR, SPS, TS, U, VIR, VS  
*Institution ID:* 25-0498

**Chelsea****Chelsea Community Hospital**

775 S Main St  
Chelsea, MI 48118  
*Med Sch Affil:* L-02501  
*Specialty:* FP  
*Institution ID:* 25-0567

**Detroit****American Red Cross Blood Serv-Southeastern Michigan Region**

100 Mack Ave  
PO Box 33351  
Detroit, MI 48232-5351  
*Specialty:* BBK  
*Institution ID:* 25-0550

**Children's Hospital of Michigan**

3901 Beaubien Blvd  
Detroit, MI 48201-2196  
*Med Sch Affil:* M-02507  
*Specialty:* AI, CCP, CHN, D, EM, NPM, NS, OMO, OPH, ORS, OTO, PD, PDC, PDS, PG, PHO, PS, PTH, RNR, TS, TY, U, UP  
*Institution ID:* 25-0456

**Detroit Psychiatric Institute**

1151 Taylor St  
Detroit, MI 48202  
*Med Sch Affil:* M-02507  
*Specialty:* P  
*Institution ID:* 25-0521

**Detroit Receiving Hospital and University Health Center**

4201 St Antoine Blvd  
Detroit, MI 48201  
*Med Sch Affil:* M-02507  
*Specialty:* AI, CCM, CD, D, DR, EM, EMP, END, GE, GS, ID, IM, MEM, MPD, MPM, N, NEP, NR, NS, OAR, OM, ON, ORS, OTO, PS, PTH, PUD, RHU, TS, TY  
*Institution ID:* 25-0131

**Grace Hospital**

6071 W Outer Dr  
Detroit, MI 48235  
*Med Sch Affil:* M-02507  
*Specialty:* DR, EM, FP, GS, IM, MPD, OBG, PS, RO, TY  
*Institution ID:* 25-0291

**Harper Hospital**

3990 John R St  
Detroit, MI 48201  
*Med Sch Affil:* M-02507  
*Specialty:* CCM, CD, CHN, D, DR, END, GE, GS, HSP, ID, IM, MEM, N, NEP, NR, NS, OMO, ON, OTO, P, PCP, PS, PTH, PUD, RHU, RNR, RO, TS, TY, U, UP, VS  
*Institution ID:* 25-0151

**Hutzel Hospital**

4707 St Antoine Blvd  
Detroit, MI 48034  
*Med Sch Affil:* M-02507  
*Specialty:* MPD, NPM, OAR, OBG, OMO, OPH, ORS, OSM, PCP, PTH, RHU, TY  
*Institution ID:* 25-0105

**Lafayette Clinic**

951 E Lafayette  
Detroit, MI 48207  
*Specialty:* P  
*Institution ID:* 25-0475

**Rehabilitation Institute**

261 Mack Blvd  
Detroit, MI 48201  
*Med Sch Affil:* M-02507  
*Specialty:* MPM, PM, PMP  
*Institution ID:* 25-0210

**Samaritan Health Center**

5555 Conner Ave  
Detroit, MI 48213  
*Specialty:* GS  
*Institution ID:* 25-0165

**Sinai Hospital**

6767 W Outer Dr  
Detroit, MI 48235-2899  
*Med Sch Affil:* M-02507  
*Specialty:* ORS  
*Institution ID:* 25-0114

**East Lansing****Michigan State University Clinical Center**

Human Health Programs  
D132 Fee Hall  
East Lansing, MI 48824-1316  
*Med Sch Affil:* M-02512  
*Specialty:* IM, MPD, ON, ORS, P  
*Institution ID:* 25-0532

**Michigan State University College of Human Medicine**

Sarra Baraily  
Dean's Office  
A-110 E Fee Hall MSU  
East Lansing, MI 48824-1316  
*Med Sch Affil:* M-02512  
*Specialty:* DR  
*Institution ID:* 25-9502

**Ferndale****Kingswood Hospital**

10300 W Eight Mile Rd  
Ferndale, MI 48220  
*Specialty:* P  
*Institution ID:* 25-8398

**Flint****Genesys Regional Medical Center-St Joseph Campus**

302 Kensington Ave  
Flint, MI 48508-2000  
*Med Sch Affil:* M-02512  
*Specialty:* DR  
*Institution ID:* 25-0480

**Hurley Medical Center**

One Hurley Plaza  
Flint, MI 48503-5993  
*Med Sch Affil:* M-02512, G-02501  
*Specialty:* DR, ORS  
*Institution ID:* 25-0304

**McLaren Regional Medical Center**

401 S Ballenger Hwy  
Flint, MI 48532-3685  
*Med Sch Affil:* M-02512  
*Specialty:* DR, GS  
*Institution ID:* 25-0412

**Grand Rapids****Blodgett Memorial Medical Center**

1840 Wealthy SE  
Grand Rapids, MI 49506-2968  
*Med Sch Affil:* M-02512  
*Specialty:* DR, PS, PTH, SPS  
*Institution ID:* 25-0395

**Butterworth Hospital**

100 Michigan  
Grand Rapids, MI 49503  
*Med Sch Affil:* M-02512  
*Specialty:* DR, FP, HSO, ORS, PS, PTH, SPS  
*Institution ID:* 25-0341

**Pine Rest Christian Hospital**

300 68th St SE  
Grand Rapids, MI 49501-0165  
*Med Sch Affil:* M-02512  
*Specialty:* P  
*Institution ID:* 25-0544

**St Mary's Health Services**

200 Jefferson SE  
Grand Rapids, MI 49503  
*Med Sch Affil:* M-02512  
*Specialty:* DR, GS, IM, OBG, ORS, F, PS, PTH, SPS  
*Institution ID:* 25-0473

**Grosse Pointe Farms****Cottage Hospital of Grosse Pointe**

159 Kercheval Ave  
Grosse Pointe Farms, MI 48236-3692  
*Specialty:* FP, P  
*Institution ID:* 25-0493

**Kalamazoo****Borgess Medical Center**

1521 Gull Rd  
Kalamazoo, MI 49001-1640  
*Med Sch Affil:* M-02512, L-02501  
*Specialty:* EM, FP, GS, IM, ORS, TY  
*Institution ID:* 25-0490

**Bronson Methodist Hospital**

One Healthcare Plaza  
Kalamazoo, MI 49007  
*Med Sch Affil:* M-02512  
*Specialty:* EM, FP, GS, IM, MPD, ORS, PD, TY  
*Institution ID:* 25-0458

**Lansing****Michigan Capital Medical Center**

401 W Greenlawn  
Lansing, MI 48910-2819  
*Med Sch Affil:* M-02512  
*Specialty:* EM, GE, GS, IM, PUD  
*Institution ID:* 25-0183

**Michigan Capital Medical  
Center-Pennsylvania Campus**

401 W Greenlawn  
Lansing, MI 48910  
*Specialty:* P  
*Institution ID:* 25-8004

**Sparrow Hospital**

PO Box 30480  
Lansing, MI 48909-7980  
*Med Sch Affil:* M-02512  
*Specialty:* GS, IM, MPD, NPM, PD  
*Institution ID:* 25-0290

**St Lawrence Hospital and HealthCare  
Services**

1210 W Saginaw St  
Lansing, MI 48915-1999  
*Med Sch Affil:* M-02512  
*Specialty:* GS, HEM, IM, MPD  
*Institution ID:* 25-0182

**St Lawrence Hospital and HealthCare  
Services**

1210 W Saginaw  
Lansing, MI 48915-1999  
*Specialty:* P  
*Institution ID:* 25-0534

**Milford****Huron Valley Hospital**

1601 E Commerce Rd  
Milford, MI 48382-1271  
*Specialty:* FP  
*Institution ID:* 25-8003

**Northville****Hawthorn Center Hospital**

18471 Haggerty Rd  
Northville, MI 48167  
*Med Sch Affil:* G-02507  
*Specialty:* P  
*Institution ID:* 25-0247

**Pontiac****St Joseph Mercy Community HealthCare  
System**

900 Woodward  
Pontiac, MI 48341-2985  
*Med Sch Affil:* M-02507  
*Specialty:* PD  
*Institution ID:* 25-0478

**Saginaw****Saginaw General Hospital**

1447 N Harrison St  
Saginaw, MI 48602  
*Med Sch Affil:* M-02512  
*Specialty:* FP, GS, IM, OBG  
*Institution ID:* 25-0200

**St Luke's Hospital**

700 Cooper Ave  
Saginaw, MI 48602  
*Med Sch Affil:* M-02512  
*Specialty:* FP, GS, IM  
*Institution ID:* 25-0314

**St Mary's Medical Center**

830 S Jefferson St  
Saginaw, MI 48601  
*Med Sch Affil:* M-02512  
*Specialty:* FP, GS, IM  
*Institution ID:* 25-0276

**Southfield****Providence Hospital**

16001 W 9 Mile Rd  
PO Box 2043  
Southfield, MI 48037  
*Med Sch Affil:* M-02507, G-02501  
*Specialty:* ORS, P, RO  
*Institution ID:* 25-0197

**Troy****William Beaumont Hospital-Troy**

44201 Dequindre Rd  
Troy, MI 48098  
*Specialty:* EM, GS, PM, RO, TY  
*Institution ID:* 25-0551

**Minnesota****Duluth****St Mary's Medical Center**

407 E Third St  
Duluth, MN 55805  
*Med Sch Affil:* M-02607  
*Specialty:* FP  
*Institution ID:* 26-0346

**Fergus Falls****Lakeland Mental Health Center**

126 E Alcott Ave  
Fergus Falls, MN 56537  
*Specialty:* P  
*Institution ID:* 26-8023

**Maplewood****HealthEast St John's Northeast Hospital**

1575 Beam Ave  
Maplewood, MN 55109-1127  
*Med Sch Affil:* G-02604  
*Specialty:* FP  
*Institution ID:* 26-0130

**Minneapolis****Abbott-Northwestern Hospital**

800 E 28th Street  
Minneapolis, MN 55407-3799  
*Med Sch Affil:* L-02604, G-01643  
*Specialty:* CRS, ORS, OSM, PTH  
*Institution ID:* 26-0343

**Children's Health Care-Minneapolis**

2525 Chicago Ave S  
Minneapolis, MN 55404-8976  
*Med Sch Affil:* L-02604  
*Specialty:* MPD, PD, PDR  
*Institution ID:* 26-0740

**Fairview Riverside Medical Center**

2450 Riverside Ave  
Minneapolis, MN 55454-1400  
*Med Sch Affil:* G-02604  
*Specialty:* FP, FPG, OSM  
*Institution ID:* 26-0491

**Hennepin County Medical Center**

701 Park Ave S  
Minneapolis, MN 55415-1623  
*Med Sch Affil:* M-02604  
*Specialty:* AN, CCM, CD, CHN, D, DR, MPD, N, NS, OBG,  
OPH, ORS, OTO, P, PD, RNR, TR, VIR  
*Institution ID:* 26-0402

**Memorial Blood Centers of Minnesota**

2304 Park Ave S  
Minneapolis, MN 55404  
*Med Sch Affil:* G-02604  
*Specialty:* BBK  
*Institution ID:* 26-0735

**Methodist Hospital**

6500 Excelsior Blvd  
PO Box 650  
Minneapolis, MN 55440-0650  
*Med Sch Affil:* G-02604  
*Specialty:* CCM, FP, HSO, PS  
*Institution ID:* 26-0135

**Shriners Hospital for Crippled Children (Twin Cities Unit)**

2025 E River Rd  
Minneapolis, MN 55414-3696  
*Med Sch Affil:* G-02604  
*Specialty:* ORS  
*Institution ID:* 26-0481

**Twin Cities Scoliosis Spine Center**

2737 Chicago Ave S  
Lower Level 200  
Minneapolis, MN 55407-3707  
*Specialty:* OSS  
*Institution ID:* 26-8028

**University of Minnesota Hospital and Clinic**

Harvard St at E River Rd  
Minneapolis, MN 55455-0392  
*Med Sch Affil:* M-02604  
*Specialty:* AI, AN, BBK, CCM, CCP, CCS, CD, CHN, CHP, CRS, D, DR, END, FPG, GE, GS, HMP, HO, HSO, ID, IM, N, NEP, NM, NPM, NS, OBG, OPH, ORS, OSS, OTO, P, PCH, PD, PDC, PDE, PDP, PDR, PG, PHO, PM, PMP, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 26-0254

**University of Minnesota School of Public Health**

Box 197 Mayo Bldg Rm A-304  
420 Delaware St SE  
Minneapolis, MN 55455-0381  
*Specialty:* GPM, OM  
*Institution ID:* 26-0495

**Veterans Affairs Medical Center (Minneapolis)**

One Veterans Dr  
Minneapolis, MN 55417-9701  
*Med Sch Affil:* M-02604  
*Specialty:* BBK, CCM, CCS, CD, CRS, D, DR, END, FPG, GE, GS, HSO, IM, IMG, MPD, N, NM, NS, OPH, ORS, OTO, P, PM, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 26-0119

**Robbinsdale****North Memorial Medical Center**

3300 Oakdale Ave N  
Robbinsdale, MN 55422-2900  
*Med Sch Affil:* G-02604  
*Specialty:* FP, GS, PS  
*Institution ID:* 26-0498

**Rochester****Mayo Clinic (Rochester)**

200 First St SW  
Rochester, MN 55905  
*Specialty:* AI, APM, BBK, CCA, CCM, CD, CHN, CHP, CRS, D, DMP, DR, END, FP, GE, GPM, GS, HMP, HO, HSO, ID, IM, IMG, N, NEP, NP, NR, NS, OAR, OBG, OMO, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PG, PHO, PM, PMP, PS, PTH, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 26-0737

**Rochester Methodist Hospital**

201 W Center St  
Rochester, MN 55902  
*Med Sch Affil:* M-02608  
*Specialty:* AI, AN, APM, BBK, CCM, CD, CHN, CHP, CRS, D, DMP, END, FP, GE, GS, HO, HSO, ID, IM, IMG, N, NEP, OAR, OBG, OMO, OPH, ORS, OTO, PCC, PD, PM, PMP, PS, PTH, RHU, RNR, TS, U, VS  
*Institution ID:* 26-0483

**St Mary's Hospital of Rochester**

1216 SW Second St  
Rochester, MN 55902  
*Med Sch Affil:* M-02608  
*Specialty:* AI, AN, APM, BBK, CCM, CCS, CD, CHN, CHP, CRS, D, DMP, END, FP, GE, GS, HO, HSO, ID, IM, IMG, N, NEP, NS, OBG, OMO, OPH, ORS, OTO, P, PCC, PD, PDC, PDE, PG, PHO, PM, PMP, PS, PTH, RHU, RNR, TS, U, UP, VS  
*Institution ID:* 26-0317

**St Paul****Children's Health Care-St Paul**

345 N Smith Ave  
St Paul, MN 55102-9974  
*Med Sch Affil:* L-02604  
*Specialty:* FP, MPD, NPM, PD  
*Institution ID:* 26-0497

**Gillette Children's Hospital**

200 E University Ave  
St Paul, MN 55101  
*Med Sch Affil:* G-02604  
*Specialty:* ORS  
*Institution ID:* 26-0492

**Healtheast St Joseph's Hospital**

69 W Exchange St  
St Paul, MN 55102-9902  
*Med Sch Affil:* G-02604  
*Specialty:* FP  
*Institution ID:* 26-0357

**North Central Blood Services Region**

100 S Robert St  
St Paul, MN 55107-1489  
*Med Sch Affil:* G-02604  
*Specialty:* BBK  
*Institution ID:* 26-0736

**St Paul-Ramsey Medical Center**

640 Jackson St  
St Paul, MN 55101  
*Med Sch Affil:* M-02604  
*Specialty:* CCM, CCS, CD, CHN, D, DR, FPG, GS, IM, IMG, MPD, N, OPH, OTO, P, PD, PS, RHU, TS, U  
*Institution ID:* 26-0184

**United Hospital**

333 N Smith Ave  
St Paul, MN 55102  
*Med Sch Affil:* L-02604  
*Specialty:* CRS, OBG  
*Institution ID:* 26-0311

**Mississippi****Biloxi****Veterans Affairs Medical Center (Biloxi)**

400 Veterans Ave  
Biloxi, MS 39531-2410  
*Med Sch Affil:* L-00106, G-02101  
*Specialty:* GS, OTO  
*Institution ID:* 27-0425

**Jackson****University Hospital**

2500 N State St  
Jackson, MS 39216-4505  
*Med Sch Affil:* M-02701  
*Specialty:* AN, CD, CHN, CHP, DR, EM, FP, GE, GS, HEM, HSO, ID, IM, N, NEP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PD, PHO, PTH, PUD, TS, U  
*Institution ID:* 27-0427

**University of Mississippi School of Medicine**

Jackson, MS 39216  
*Med Sch Affil:* M-02701  
*Specialty:* FP  
*Institution ID:* 27-9501

**Veterans Affairs Medical Center (Jackson)**

1500 E Woodrow Wilson Dr  
Jackson, MS 39216-5199  
*Med Sch Affil:* M-02701  
*Specialty:* CD, CHN, GE, GS, HEM, ID, IM, N, NS, OPH, ORS, OTO, P, PCH, PTH, PUD, TS, U  
*Institution ID:* 27-0430

**Whitfield****Mississippi State Hospital**

PO Box 157-A  
Whitfield, MS 39193-0157  
*Med Sch Affil:* G-02701  
*Specialty:* P  
*Institution ID:* 27-0268

**Missouri****Columbia****AMI Columbia Regional Hospital**

404 Keene St  
Columbia, MO 65201  
*Specialty:* ORS  
*Institution ID:* 28-8018

**Boone Hospital Center**

1600 E Broadway  
Columbia, MO 65201  
*Med Sch Affil:* L-02803  
*Specialty:* NS  
*Institution ID:* 28-7035

**Charter Hospital of Columbia**

200 Portland St  
Columbia, MO 65201  
*Specialty:* CHP  
*Institution ID:* 28-8017

**Harry S Truman Memorial Veterans Hospital**

800 Hospital Dr  
Columbia, MO 65201-5297  
*Med Sch Affil:* M-02803  
*Specialty:* CD, D, DR, END, FPG, GE, GS, HEM, ID, IM, N, NM, NR, NS, ON, OPH, ORS, OTO, P, PM, PS, PTH, RHU, TS, U  
*Institution ID:* 28-0178

**Mid-Missouri Mental Health Center**

3 Hospital Dr  
Columbia, MO 65201  
*Med Sch Affil:* M-02803  
*Specialty:* CHP, P  
*Institution ID:* 28-8013

**University and Children's Hospital**

One Hospital Dr DC018  
Columbia, MO 65212  
*Med Sch Affil:* M-02803  
*Specialty:* AN, CCS, CD, CHP, D, DR, END, FP, FPG, GE, GS, HEM, ID, IM, N, NEP, NM, NPM, NR, NS, OBG, ON, ORS, OTO, P, PCC, PD, PM, PS, PTH, RHU, TS, U, VS  
**Institution ID: 28-0176**

**University of Missouri-Columbia School of Medicine**

MA204 Medical Sciences Bldg  
One Hospital Dr  
Columbia, MO 65212  
*Specialty:* CD  
**Institution ID: 28-0709**

**Jefferson City****Missouri Department of Health**

1738 E Elm  
PO Box 570  
Jefferson City, MO 65102-0570  
*Specialty:* PH  
**Institution ID: 28-8016**

**Riverside Hospital and Counseling Center**

1314 W Edgewood Dr  
Jefferson City, MO 65109  
*Specialty:* GHP  
**Institution ID: 28-8172**

**Kansas City****Baptist Medical Center**

6601 Rockhill Rd  
Kansas City, MO 64131-1197  
*Med Sch Affil:* M-02846  
*Specialty:* OSM  
**Institution ID: 28-0451**

**Children's Mercy Hospital**

2401 Gillham Rd  
Kansas City, MO 64108-9898  
*Med Sch Affil:* M-02846, G-03006  
*Specialty:* AI, CHN, NPM, NS, OPH, ORS, PD, PDE, PDR, PDS, PHO, PN, PS, PTH  
**Institution ID: 28-0426**

**Menorah Medical Center**

4949 Rockhill Rd  
Kansas City, MO 64110  
*Med Sch Affil:* M-02846  
*Specialty:* NEP, PS  
**Institution ID: 28-0355**

**St Luke's Hospital**

4400 Wornall Rd  
Kansas City, MO 64111-9960  
*Med Sch Affil:* M-02846  
*Specialty:* AN, CD, DR, ID, IM, MPD, ORS, OSM, PCC, PS, PTH  
**Institution ID: 28-0337**

**Trinity Lutheran Hospital**

3030 Baltimore  
Kansas City, MO 64108  
*Med Sch Affil:* M-02846  
*Specialty:* HO  
**Institution ID: 28-0180**

**Truman Medical Center-East**

7900 Lee's Summit Rd  
Kansas City, MO 64139  
*Med Sch Affil:* M-02846  
*Specialty:* FP, FPG, MPD  
**Institution ID: 28-8012**

**Truman Medical Center-West**

2301 Holmes St  
Kansas City, MO 64108-2640  
*Med Sch Affil:* M-02846  
*Specialty:* AN, CD, DR, EM, END, FP, GE, GS, HO, ID, IM, NEP, NPM, OBG, OPH, ORS, OSM, PCC, PS, PTH  
**Institution ID: 28-0263**

**Veterans Affairs Medical Center (Kansas City)**

4801 Linwood Blvd  
Kansas City, MO 64128-2295  
*Med Sch Affil:* M-01902  
*Specialty:* GS, IM, MP, N, NEP, NS, OPH, ORS, OTO; P, PM, PTH, TS, U  
**Institution ID: 28-0218**

**Western Missouri Mental Health Center**

600 E 22nd St  
Kansas City, MO 64108-2620  
*Med Sch Affil:* M-02846  
*Specialty:* P  
**Institution ID: 28-0433**

**Springfield****Cox Medical Center South**

Lester E Cox Medical Centers South  
3801 S National  
Springfield, MO 65807-3801  
*Specialty:* FP  
**Institution ID: 28-8169**

**St Louis****Anheuser-Busch Eye Institute**

3655 Vista Ave  
St Louis, MO 63110  
*Med Sch Affil:* G-02834  
*Specialty:* OPH  
**Institution ID: 28-7025**

**Barnes Hospital**

One Barnes Hospital Plaza  
St Louis, MO 63110  
*Med Sch Affil:* M-02802  
*Specialty:* AI, HSP, IMG, VIR  
**Institution ID: 28-0210**

**Cardinal Glennon Children's Hospital**

1465 S Grand Blvd  
St Louis, MO 63104  
*Med Sch Affil:* M-02834  
*Specialty:* AI, AN, CHN, CHE, DR, GS, MM, MPD, NP, NPM, NS, ORS, OTO, PD, PDP, PDR, PDS, PG, PS, PTH, RHU, RNR, TS, U  
**Institution ID: 28-0444**

**Deaconess Hospital**

6150 Oakland Ave  
St Louis, MO 63139-3297  
*Med Sch Affil:* M-02834  
*Specialty:* OBG, OTO  
**Institution ID: 28-0245**

**Jewish Hospital of St Louis**

216 S Kings Hwy Blvd  
St Louis, MO 63110  
*Med Sch Affil:* M-02802  
*Specialty:* DR, END, GS, OBG, OTO, P, PCC, PTH, RO, TS  
**Institution ID: 28-0146**

**Malcolm Bliss Mental Health Center**

5400 Arsenal St  
St Louis, MO 63139  
*Med Sch Affil:* M-02802  
*Specialty:* P  
**Institution ID: 28-0214**

**Mallinckrodt Institute of Radiology**

510 S Kingshighway  
St Louis, MO 63110  
*Med Sch Affil:* G-02802  
*Specialty:* DR, NR, PDR, RNR, RO, VIR  
**Institution ID: 28-0211**

**Shriners Hospital for Crippled Children (St Louis)**

2001 S Lindbergh Blvd  
St Louis, MO 63131-3597  
*Specialty:* ORS, OSS  
**Institution ID: 28-0164**

**St John's Mercy Medical Center**

615 S New Ballas Rd  
St Louis, MO 63141-8221  
*Med Sch Affil:* M-02834, G-02803  
*Specialty:* CCM, CCS, CRS, GS, OTO, PCC, RNR, U, VS  
**Institution ID: 28-0231**

**St Louis Children's Hospital**

One Children's Pl  
St Louis, MO 63110-1077  
*Med Sch Affil:* M-02802  
*Specialty:* AI, APM, CCP, CHN, DR, NS, OP, ORS, OSS, OTO, PDP, PG, PS, RO, SPS, TS, VIR  
**Institution ID: 28-0145**

**St Louis Regional Medical Center**

5535 Delmar Blvd  
St Louis, MO 63112-0112  
*Med Sch Affil:* M-02802, L-02803  
*Specialty:* CD, GS, IM, N, OBG, ORS, OTO, PS, SPS  
**Institution ID: 28-0250**

**St Louis University Hospital**

3635 Vista Ave at Grand Blvd  
PO Box 15250  
St Louis, MO 63110-0250  
*Med Sch Affil:* M-02834  
*Specialty:* AI, ALI, AN, CCM, CCS, CD, CHN, CRS, D, DR, END, GE, GS, HO, ID, IM, IMG, MPD, N, NEP, NM, NP, NS, ORS, OTO, P, PCC, PCP, PS, PTH, RHU, RNR, TS, U, VS  
**Institution ID: 28-0167**

**St Luke's Hospital**

232 S Woods Mill Rd  
St Louis, MO 63017  
*Med Sch Affil:* M-02803, L-02802  
*Specialty:* OBG  
**Institution ID: 28-0203**

**St Mary's Health Center**

6420 Clayton Rd  
St Louis, MO 63117  
*Med Sch Affil:* M-02834  
*Specialty:* GE, GS, MPD, OBG, ORS, PS, PTH, U  
**Institution ID: 28-0442**

**Veterans Affairs Medical Center (St Louis)**

00 Jefferson Barracks  
St Louis, MO 63125-4199  
*Med Sch Affil:* M-02834, M-02802  
*Specialty:* AN, CD, DR, GE, GS, ID, IM, IMG, MM, MPD, N, NEP, NM, NP, OPH, ORS, OTO, P, PS, PTH, TS, U  
**Institution ID: 28-0354**

**Washington University School of Medicine**

660 S Euclid Ave  
St Louis, MO 63110-1093  
*Med Sch Affil:* M-02802  
*Specialty:* DR  
**Institution ID: 28-0440**



**Nebraska****Grand Island****St Francis Medical Center**

2620 W Faidley Ave  
PO Box 9804  
Grand Island, NE 68802  
*Med Sch Affil:* G-03005  
*Specialty:* FP  
**Institution ID: 30-7009**

**Kearney****Good Samaritan Hospital**

31st St and Central Ave  
PO Box 1990  
Kearney, NE 68848  
*Med Sch Affil:* G-03005  
*Specialty:* FP  
**Institution ID: 30-7004**

**Lincoln****Bryan Memorial Hospital**

1600 S 48th St  
Lincoln, NE 68506  
*Med Sch Affil:* L-03005  
*Specialty:* FP  
**Institution ID: 30-0329**

**Lincoln General Hospital**

2300 S 16th St  
Lincoln, NE 68502-3780  
*Med Sch Affil:* L-03005  
*Specialty:* FP  
**Institution ID: 30-0332**

**St Elizabeth Community Health Center**

555 S 70th St  
Lincoln, NE 68510  
*Med Sch Affil:* L-03005  
*Specialty:* FP  
**Institution ID: 30-0278**

**Veterans Affairs Medical Center (Lincoln)**

600 S 70th St  
Lincoln, NE 68510-2010  
*Med Sch Affil:* L-03005, G-03006  
*Specialty:* GS, ORS  
**Institution ID: 30-0115**

**Offutt AFB****Ehrling Bergquist Hospital**

2501 Capehart Rd  
Offutt AFB, NE 68113  
*Med Sch Affil:* M-03005, G-03006  
*Specialty:* AI, FP  
**Institution ID: 30-0708**

**Omaha****AMI St Joseph Center for Mental Health**

819 Dorcas  
Omaha, NE 68108-1137  
*Med Sch Affil:* M-03006  
*Specialty:* CHP, P  
**Institution ID: 30-0712**

**AMI St Joseph Hospital at Creighton Univ Medical Center**

601 N 30th St  
Omaha, NE 68131  
*Med Sch Affil:* M-03006, M-03005  
*Specialty:* AI, CD, CRS, DR, FP, GS, ID, IM, N, OBG, ORS, PD, PTH, PUD  
**Institution ID: 30-0709**

**Archbishop Bergan Mercy Medical Center**

7500 Mercy Rd  
Omaha, NE 68124  
*Med Sch Affil:* M-03006  
*Specialty:* OBG  
**Institution ID: 30-0452**

**Bishop Clarkson Memorial Hospital**

44th St at Dewey Ave  
Omaha, NE 68105-1018  
*Med Sch Affil:* L-03005  
*Specialty:* PTH  
**Institution ID: 30-0453**

**Boys Town National Research Hospital**

555 N 30th St  
Omaha, NE 68131  
*Specialty:* MPD, OTO  
**Institution ID: 30-8003**

**Childrens Memorial Hospital**

8301 Dodge St  
Omaha, NE 68114-4114  
*Med Sch Affil:* M-03006, M-03005  
*Specialty:* MPD, NS, PD, PG, PHO  
**Institution ID: 30-0390**

**Creighton/Nebraska University Health Foundation**

California at 24th St  
Omaha, NE 68178  
*Med Sch Affil:* M-03006  
*Specialty:* END  
**Institution ID: 30-9502**

**Methodist Hospital**

8303 Dodge St  
Omaha, NE 68114  
*Med Sch Affil:* M-03005  
*Specialty:* FP, NS, U  
**Institution ID: 30-0294**

**University of Nebraska Medical Center**

600 S 42nd St  
Omaha, NE 68198-4285  
*Med Sch Affil:* M-03005  
*Specialty:* ID, P  
**Institution ID: 30-0710**

**Veterans Affairs Medical Center (Omaha)**

4101 Woolworth Ave  
Omaha, NE 68105-3012  
*Med Sch Affil:* M-03006, M-03005  
*Specialty:* CD, DR, GE, GS, HO, ID, IM, MPD, NM, OPH, ORS, OTO, P, PTH, PUD, U  
**Institution ID: 30-0447**

**Nevada****Las Vegas****University Medical Center of Southern Nevada**

1800 W Charleston Blvd  
Las Vegas, NV 89102-2386  
*Med Sch Affil:* M-03101  
*Specialty:* P  
**Institution ID: 31-0100**

**Womens Hospital**

2025 E Sahara Ave  
Las Vegas, NV 89109  
*Specialty:* OBG  
**Institution ID: 31-0112**

**Reno****Ioannis A Lougaris Veterans Affairs Medical Center**

1000 Locust St  
Reno, NV 89520  
*Med Sch Affil:* M-03101  
*Specialty:* FP, GS, IM, P  
**Institution ID: 31-0110**

**Washoe Medical Center**

Washoe Medical Center  
77 Pringle Way  
Reno, NV 89520-0109  
*Med Sch Affil:* M-03101  
*Specialty:* FP, IM  
**Institution ID: 31-7004**

**West Hills Hospital**

1240 E Ninth St  
Reno, NV 89512  
*Specialty:* P  
**Institution ID: 31-8013**

**Sparks****Nevada Health Institute**

480 Galletti Way  
Sparks, NV 89431  
*Med Sch Affil:* G-03101  
*Specialty:* P  
**Institution ID: 31-7002**

**New Hampshire****Concord****Concord Hospital**

250 Pleasant St  
Concord, NH 03301  
*Specialty:* FP  
**Institution ID: 32-8002**

**New Hampshire Hospital**

105 Pleasant St  
Concord, NH 03301  
*Specialty:* P  
**Institution ID: 32-0338**

**Lebanon****Dartmouth-Hitchcock Medical Center**

Lebanon, NH 03756  
*Med Sch Affil:* M-03201  
*Specialty:* APM, OTO  
**Institution ID: 32-0312**

**Manchester****Veterans Affairs Medical Center (Manchester)**

718 Smyth Rd  
Manchester, NH 03104-4098  
*Med Sch Affil:* L-03201, G-02401  
*Specialty:* GS  
**Institution ID: 32-0472**

**New Jersey****Atlantic City****Atlantic City Medical Center**

1925 Pacific Ave  
Atlantic City, NJ 08401  
*Med Sch Affil:* G-04109  
*Specialty:* ORS, P  
**Institution ID: 33-0168**

**Browns Mills****Deborah Heart and Lung Center**

200 Trenton Rd  
Browns Mills, NJ 08015-1799  
*Med Sch Affil:* L-04101, G-03306, G-03305  
*Specialty:* CCM, CD, TS  
*Institution ID:* 33-0513

**Camden****Cooper Hospital-University Medical Center**

One Cooper Plaza  
Camden, NJ 08103-1489  
*Med Sch Affil:* M-03306, L-04109, L-04107, G-04101  
*Specialty:* NS, U  
*Institution ID:* 33-0465

**Our Lady of Lourdes Medical Center**

1600 Haddon Ave  
Camden, NJ 08103-1111  
*Med Sch Affil:* G-04101  
*Specialty:* PM  
*Institution ID:* 33-0166

**West Jersey Health System**

1000 Atlantic Ave  
Camden, NJ 08104  
*Med Sch Affil:* G-04102  
*Specialty:* OBG  
*Institution ID:* 33-0719

**East Orange****Dept of Veterans Affairs Medical Center (East Orange)**

S Center St and Tremont Ave  
East Orange, NJ 07019-1085  
*Med Sch Affil:* M-03305  
*Specialty:* AI, CD, CHN, D, END, GE, GS, HEM, ID, IM, MPD, N, NEP, ON, OPH, ORS, OTO, P, PM, PTH, RHU, TS, U, VS  
*Institution ID:* 33-0187

**Edison****JFK Medical Center**

65 James St  
Attn: Medical Staff Office  
Edison, NJ 08818-3059  
*Med Sch Affil:* G-03306  
*Specialty:* CRS  
*Institution ID:* 33-0714

**Elizabeth****Elizabeth General Medical Center**

925 E Jersey St  
Elizabeth, NJ 07201  
*Med Sch Affil:* G-03305  
*Specialty:* CCM, MPD, PD  
*Institution ID:* 33-0454

**St Elizabeth Hospital**

225 Williamson St  
Elizabeth, NJ 07207-0696  
*Specialty:* IM  
*Institution ID:* 33-0417

**Englewood****Englewood Hospital**

350 Engle St  
Englewood, NJ 07631  
*Med Sch Affil:* L-04101, L-03547  
*Specialty:* CCM, CD, MPD, OBG, PCC  
*Institution ID:* 33-0259

**Hackensack****Hackensack Medical Center**

30 Prospect Ave  
Hackensack, NJ 07601  
*Med Sch Affil:* M-03305  
*Specialty:* GS, OBG, ORS, P, PS, U  
*Institution ID:* 33-0219

**Jersey City****Jersey City Medical Center**

50 Baldwin Ave  
Jersey City, NJ 07304-3199  
*Med Sch Affil:* G-03305  
*Specialty:* OPH, ORS  
*Institution ID:* 33-0189

**Livingston****St Barnabas Medical Center**

94 Old Short Hills Rd  
Livingston, NJ 07039-5672  
*Med Sch Affil:* M-03305  
*Specialty:* NEP, OTO, P, PTH  
*Institution ID:* 33-0416

**Lyons****Veterans Affairs Medical Center (Lyons)**

Valley Rd  
Lyons, NJ 07939-9988  
*Med Sch Affil:* M-03306, G-03305  
*Specialty:* FPG, GE, P  
*Institution ID:* 33-0132

**Morristown****Morristown Memorial Hospital**

100 Madison Ave  
PO Box 1956  
Morristown, NJ 07962-1956  
*Med Sch Affil:* M-03501, L-03306  
*Specialty:* OBG, OM  
*Institution ID:* 33-0236

**Neptune****Jersey Shore Medical Center**

1945 Corlies Ave  
Hwy 33  
Neptune, NJ 07754-0397  
*Med Sch Affil:* M-03306  
*Specialty:* GS  
*Institution ID:* 33-0220

**New Brunswick****Robert Wood Johnson University Hospital**

One Robert Wood Johnson Pl  
PO Box 2601  
New Brunswick, NJ 08903-2601  
*Med Sch Affil:* M-03306  
*Specialty:* AN, APM, CCM, CD, CHP, DR, END, GS, HMP, HO, ID, IM, N, P, PCC, PD, PIP, PTH, RHU, TS, U, VS  
*Institution ID:* 33-0141

**St Peter's Medical Center**

254 Easton Ave  
New Brunswick, NJ 08901-0591  
*Med Sch Affil:* M-03306  
*Specialty:* DR, END, FP, FPG, GS, HO, ID, NEP, NPM, OBG, ORS, PCC, PD, PIP, PTH, TS  
*Institution ID:* 33-0107

**Newark****Children's Hospital of New Jersey**

15th S 9th St  
Newark, NJ 07107-2147  
*Specialty:* AI, CCP, CHN, DR, MPD, PD, PMP, PS, TS  
*Institution ID:* 33-0716

**Newark Beth Israel Medical Center**

201 Lyons Ave  
Newark, NJ 07112  
*Med Sch Affil:* M-03305  
*Specialty:* CCM, CD, GS, HEM, IM, IMG, MPD, NEP, ON, PCC, PD, PTH  
*Institution ID:* 33-0424

**Newark Eye and Ear Infirmary (United Hospitals Med Ctr)**

15 S 9th St  
Newark, NJ 07107  
*Specialty:* OPH, OTO  
*Institution ID:* 33-0421

**Orthopedic Center (United Hospitals Medical Center)**

89 Park Ave  
Newark, NJ 07104  
*Specialty:* ORS  
*Institution ID:* 33-0127

**St James Hospital of Newark (Cathedral Health Services Inc)**

155 Jefferson St  
Newark, NJ 07105-1791  
*Specialty:* OBG  
*Institution ID:* 33-7053

**St Michael's Medical Center (Cathedral Health Services Inc)**

University Heights  
268 Dr Martin Luther King Jr Blvd  
Newark, NJ 07102  
*Med Sch Affil:* L-04202, G-03305  
*Specialty:* CCM, HEM, ID, IM, MPD, ON, RHU, TS, VS  
*Institution ID:* 33-0418

**UMDNJ-Community Mental Health Center of Newark**

215 S Orange Ave  
Newark, NJ 07103-2770  
*Med Sch Affil:* M-03305  
*Specialty:* CHP  
*Institution ID:* 33-8015

**UMDNJ-University Hospital**

Graduate Medical Education Office  
185 S Orange Ave Rm C-596  
Newark, NJ 07103-2714  
*Med Sch Affil:* M-03305  
*Specialty:* AI, AN, APM, CCM, CD, CHN, CHP, D, DMP, DR, END, GE, GS, HEM, ID, IM, IMG, MPD, N, NEP, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PM, PS, PTH, RHU, TS, U, VS  
*Institution ID:* 33-0274

**Orange****Hospital Center at Orange**

188 South Essex Ave  
Orange, NJ 07051-0001  
*Med Sch Affil:* G-03305  
*Specialty:* ORS  
*Institution ID:* 33-0128

**Paterson****St Joseph's Hospital and Medical Center**

703 Main St  
Paterson, NJ 07503-2691  
*Med Sch Affil:* L-03306, L-03305  
*Specialty:* CD, GE, GS, HEM, ID, IM, ON, PUD, RHU  
*Institution ID:* 33-0319

**Perth Amboy****Raritan Bay Medical Center-Perth Amboy Division**

530 New Brunswick Ave  
Perth Amboy, NJ 08861-3685  
*Med Sch Affil:* L-03306  
*Specialty:* ORS  
*Institution ID:* 33-0144

**Piscataway****UMDNJ-Community Mental Health Center at Piscataway**

671 Hoes Ln  
Piscataway, NJ 08854  
*Med Sch Affil:* M-03306  
*Specialty:* CHP, P  
*Institution ID:* 33-0717

**UMDNJ-Robert Wood Johnson Medical School**

675 Hoes Ln  
Piscataway, NJ 08854-5635  
*Med Sch Affil:* M-03306, L-02312  
*Specialty:* GE  
*Institution ID:* 33-0522

**Plainfield****Muhlenberg Regional Medical Center**

Park Ave and Randolph Rd  
Plainfield, NJ 07061-3399  
*Med Sch Affil:* M-03306  
*Specialty:* CRS, OBG  
*Institution ID:* 33-0137

**Princeton****Medical Center at Princeton**

253 Witherspoon St  
Princeton, NJ 08540-3213  
*Med Sch Affil:* M-03306  
*Specialty:* GS, HO, IM, PCC, U  
*Institution ID:* 33-0452

**Summit****Overlook Hospital**

99 Beauvoir Ave  
PO Box 220  
Summit, NJ 07902-0220  
*Med Sch Affil:* M-03501, G-03305  
*Specialty:* GS, P  
*Institution ID:* 33-0240

**Teaneck****Holy Name Hospital**

718 Teaneck Rd  
Teaneck, NJ 07666  
*Specialty:* TY  
*Institution ID:* 33-0358

**Trenton****Greater Trenton Community Mental Health Center**

PO Box 1393  
Trenton, NJ 08607  
*Specialty:* P  
*Institution ID:* 33-8016

**West Orange****Kessler Institute for Rehabilitation**

1199 Pleasant Valley Way  
West Orange, NJ 07052-1499  
*Med Sch Affil:* M-03305  
*Specialty:* PM  
*Institution ID:* 33-0726

**Woodbury****Underwood-Memorial Hospital**

509 N Broad St  
Woodbury, NJ 08096  
*Med Sch Affil:* L-04102  
*Specialty:* GS  
*Institution ID:* 33-7079

**New Mexico****Albuquerque****Carrie Tingley Hospital**

1127 University Blvd NE  
Albuquerque, NM 87102-1715  
*Med Sch Affil:* G-03401  
*Specialty:* ORS  
*Institution ID:* 34-0500

**Lovelace Medical Center**

5400 Gibson Blvd SE  
Albuquerque, NM 87108  
*Med Sch Affil:* L-03401  
*Specialty:* CD, GE, GS, NS, OTO, PS, U  
*Institution ID:* 34-0196

**Office of the Medical Investigator**

University of New Mexico  
Health Sciences Center  
Albuquerque, NM 87131-5091  
*Med Sch Affil:* G-03401  
*Specialty:* FOP  
*Institution ID:* 34-0508

**Univ of New Mexico Children's Psychiatric Hospital**

1001 Yale Blvd NE  
Albuquerque, NM 87131  
*Med Sch Affil:* M-03401  
*Specialty:* CHP  
*Institution ID:* 34-8012

**University Hospital**

2211 Lomas Blvd NE  
Albuquerque, NM 87106-2745  
*Med Sch Affil:* M-03401  
*Specialty:* APM, BBK, CCM, CD, CHN, D, DR, EM, END, FP, GE, GS, HEM, HMP, HSO, ID, IM, IMG, N, NEP, NPM, NS, OBG, ON, ORS, OTO, P, PD, PDP, PS, PTH, PUD, RHU, RNR, TS, U  
*Institution ID:* 34-0498

**USAF Hospital (Kirtland)**

Kirtland AFB  
Albuquerque, NM 87117  
*Med Sch Affil:* L-02312, G-03401  
*Specialty:* OBG  
*Institution ID:* 34-0511

**Veterans Affairs Medical Center (Albuquerque)**

2100 Ridgecrest Dr SE  
Albuquerque, NM 87108  
*Med Sch Affil:* M-03401  
*Specialty:* AN, APM, CCM, CD, D, DR, END, GE, GS, ID, IM, IMG, N, NEP, ORS, OTO, P, PS, PTH, PUD, RHU, RNR, TS, U  
*Institution ID:* 34-0499

**New York****Albany****Capital District Psychiatric Center**

75 New Scotland Ave  
Albany, NY 12208-3474  
*Med Sch Affil:* M-03503  
*Specialty:* P  
*Institution ID:* 35-0815

**Child's Hospital**

25 Hackett Blvd  
Albany, NY 12208-5499  
*Med Sch Affil:* G-03503  
*Specialty:* OTO, PS  
*Institution ID:* 35-0515

**St Peter's Hospital**

315 S Manning Blvd  
Albany, NY 12208  
*Med Sch Affil:* M-03503  
*Specialty:* FP, GS, MPD, OBG, ORS, OTO, PM, PS  
*Institution ID:* 35-0103

**University of Albany School of Public Health**

Executive Park S  
Stuyvesant Plaza  
Albany, NY 12203-3727  
*Specialty:* MPH  
*Institution ID:* 35-8036

**Veterans Affairs Medical Center (Albany)**

113 Holland Ave  
Albany, NY 12208  
*Med Sch Affil:* M-03503  
*Specialty:* CD, DR, END, GS, HMP, IM, IMG, MPD, N, OPH, OTO, P, PCC, PM, PS, PTH, RHU, U  
*Institution ID:* 35-0151

**Bay Shore****Southside Hospital**

Montauk Hwy  
Bay Shore, NY 11706  
*Med Sch Affil:* L-03548  
*Specialty:* PM  
*Institution ID:* 35-0556

**Beacon****Fishkill Correctional Facility-NY State Dept of Correction**

PO Box 307  
Beacon, NY 12508  
*Specialty:* PS  
*Institution ID:* 35-0824

**Bronx****Albert Einstein College of Medicine of Yeshiva University**

Jack and Pearl Resnick Campus  
1300 Morris Park Ave  
Bronx, NY 10461  
*Med Sch Affil:* M-03546  
*Specialty:* CD  
*Institution ID:* 35-0745

**Bronx Children's Psychiatric Center**

1000 Waters Pl  
Bronx, NY 10461  
*Specialty:* CHP  
*Institution ID:* 35-8039

**Bronx Municipal Hospital Center**

Pelham Pkway S & Eastchester Rd  
Bronx, NY 10461

*Med Sch Affil:* M-03546

*Specialty:* AI, AN, CCM, CD, CHN, CHP, CPP, D, DR, EM, END, GE, GS, HEM, ID, IM, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PD, PDE, PM, PMP, PN, PS, PTH, PUD, RHU, TS, U  
*Institution ID:* 35-0179

**Bronx Psychiatric Center**

1500 Waters Pl  
Bronx, NY 10461

*Med Sch Affil:* M-03546

*Specialty:* P

*Institution ID:* 35-0542

**Lincoln Medical and Mental Health Center**

234 E 149th St  
Bronx, NY 10451

*Med Sch Affil:* M-03509

*Specialty:* AN, CCS, D, DR, GE, GS, HEM, ID, N, NEP, NPM, OPH, OTO, PCC, PG, PM, PTH, U

*Institution ID:* 35-0437

**Montefiore Medical Center-Henry and Lucy Moses Division**

111 E 210th St  
Bronx, NY 10467-0001

*Med Sch Affil:* M-03546

*Specialty:* AN, CCA, CCM, CCP, CD, CHN, CHP, D, END, FP, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NP, NS, ON, OPH, ORS, OTO, P, PCP, PD, PDE, PM, PS, PTH, PUD, RHU, RNR, RO, TS, U, VIR, VS

*Institution ID:* 35-0526

**Montefiore Medical Center-Weiler Hospital**

1825 Eastchester Rd  
Bronx, NY 10461-2373

*Med Sch Affil:* M-03546

*Specialty:* AI, AN, CD, CHN, D, DR, END, GS, IM, NM, NP, NPM, OBG, ON, OPH, ORS, OTO, PD, PDE, PM, PN, PS, PTH, RO, TS, U

*Institution ID:* 35-0543

**North Central Bronx Hospital**

3424 Kossuth Ave  
Bronx, NY 10467

*Med Sch Affil:* M-03546

*Specialty:* D, END, FP, GS, IM, NPM, OBG, OPH, ORS, PD, PDE, PM, PS, PTH, U

*Institution ID:* 35-0784

**Our Lady of Mercy Medical Center**

600 E 233rd St  
Bronx, NY 10466-2697

*Med Sch Affil:* M-03509

*Specialty:* EM, HEM, OPH, PD, U

*Institution ID:* 35-0401

**Veterans Affairs Medical Center (Bronx)**

130 W Kingsbridge Rd  
Bronx, NY 10468

*Med Sch Affil:* M-03547

*Specialty:* D, DR, END, HO, IM, NEP, NM, OPH, OTO, P, PCC, PM, PS, PTH, U

*Institution ID:* 35-0247

**Brooklyn****Brookdale Hospital Medical Center**

Linden Blvd at Brookdale Plaza  
Brooklyn, NY 11212-3188

*Med Sch Affil:* M-03508

*Specialty:* CD, GE, ORS, PDC, PDE

*Institution ID:* 35-0307

**Brooklyn Hospital Center**

121 Dekalb Ave  
Brooklyn, NY 11201

*Specialty:* OPH

*Institution ID:* 35-0202

**Catholic Medical Center (St Mary's Hospital)**

170 Buffalo Ave  
Brooklyn, NY 11213-2421

*Specialty:* GS, OBG, ORS

*Institution ID:* 35-0395

**Coney Island Hospital**

2601 Ocean Pkwy  
Brooklyn, NY 11235

*Med Sch Affil:* L-03508

*Specialty:* AN, END, GS, OBG, OPH, ORS, PD, U

*Institution ID:* 35-0469

**Kings County Hospital Center**

451 Clarkson Ave  
Brooklyn, NY 11203-2097

*Med Sch Affil:* M-03508

*Specialty:* AI, AN, APM, CCA, CCM, CD, CHN, CHP, D, DR, END, FP, GE, GS, HO, ID, IM, MP, MPD, N, NEP, NP, NPM, NS, OBG, OPH, ORS, OTO, P, PD, PDC, PDE, PDP, PDS, PHO, PM, PN, PS, PTH, PUD, RHU, TS, U

*Institution ID:* 35-0109

**Long Island College Hospital**

340 Henry St  
Brooklyn, NY 11201

*Med Sch Affil:* M-03508

*Specialty:* APM, CCA, GS, NPM, OPH, ORS, OTO, RO, U

*Institution ID:* 35-0439

**Lutheran Medical Center**

150 55th St  
Brooklyn, NY 11220-2574

*Med Sch Affil:* M-03508

*Specialty:* GS, PTH, RO

*Institution ID:* 35-0449

**Maimonides Medical Center**

4802 Tenth Ave  
Brooklyn, NY 11219-9988

*Med Sch Affil:* M-03508

*Specialty:* OPH, PS, TS

*Institution ID:* 35-0366

**New York Methodist Hospital**

506 Sixth St  
PO Box 159008

Brooklyn, NY 11215-9008

*Med Sch Affil:* M-03520, G-03508

*Specialty:* GE, PS, PTH

*Institution ID:* 35-0267

**SUNY HSC at Brooklyn College of Medicine**

450 Clarkson Ave Box 97  
Brooklyn, NY 11203

*Specialty:* U

*Institution ID:* 35-9502

**University Hospital-SUNY Health Science Center at Brooklyn**

445 Lenox Rd  
PO Box 23

Brooklyn, NY 11203-2098

*Med Sch Affil:* M-03508

*Specialty:* AI, AN, APM, CCA, CCM, CD, CHN, CHP, D, DR, END, FP, GE, GS, HO, ID, IM, N, NEP, NP, NPM, NS, OBG, OPH, ORS, OTO, P, PD, PDC, PDE, PDP, PDS, PHO, PM, PN, PS, PTH, PUD, RHU, RO, TS, U

*Institution ID:* 35-0541

**Veterans Affairs Medical Center (Brooklyn)**

Office of Education (141)  
Brooklyn VA Medical Center  
800 Poly Pl

Brooklyn, NY 11209

*Med Sch Affil:* M-03508

*Specialty:* CCM, CD, D, END, GE, GS, HO, ID, IM, MPD, NEP, OPH, ORS, OTO, PM, PS, PUD, RHU, TS, U

*Institution ID:* 35-0331

**Woodhull Medical and Mental Health Center**

760 Broadway Rm 3BC 360  
Brooklyn, NY 11206-5383

*Specialty:* CD, GE, HEM, ON, PD, PUD

*Institution ID:* 35-0825

**Wyckoff Heights Medical Center**

374 Stockholm St  
Brooklyn, NY 11237

*Med Sch Affil:* L-03546

*Specialty:* P, PTH

*Institution ID:* 35-0412

**Buffalo****Buffalo General Hospital**

100 High St  
Buffalo, NY 14203

*Med Sch Affil:* M-03506

*Specialty:* AI, AN, APM, CCA, CD, CRS, D, DR, EM, FP, GE, GPM, GS, HEM, IM, MN, MPD, MPM, N, NM, NP, NPR, NS, OBG, ORS, OTO, PCC, PM, PTH, RO, TS, U, VS

*Institution ID:* 35-0482

**Children's Hospital of Buffalo**

219 Bryant St  
Buffalo, NY 14222-2099

*Med Sch Affil:* M-03506

*Specialty:* AI, AN, CCA, CCP, CHN, CHP, N, NPM, NS, OBG, OP, OPH, ORS, PD, PDE, PDS, PHO, PN, TS, U

*Institution ID:* 35-0223

**Dent Neurological Institutes of Millard Fillmore Hospital**

3 Gates Circle  
Buffalo, NY 14209

*Specialty:* N

*Institution ID:* 35-8032

**Erie County Medical Center**

462 Grider St  
Buffalo, NY 14215

*Med Sch Affil:* M-03506

*Specialty:* AN, CCA, CD, CHN, D, DR, EM, END, FP, GE, GS, HEM, HSO, ID, IM, MPD, MPM, N, NEP, NP, NS, OBG, OPH, ORS, OTO, P, PCC, PM, PTH, RHU

*Institution ID:* 35-0413

**Mercy Hospital of Buffalo**

565 Abbott Rd  
Buffalo, NY 14220-1234

*Med Sch Affil:* L-03506

*Specialty:* IM, NM

*Institution ID:* 35-0126

**Millard Fillmore Hospitals**

3 Gates Circle  
Buffalo, NY 14209-1120

*Med Sch Affil:* M-03506

*Specialty:* AN, CD, DR, EM, FP, GS, HSO, IM, NS, OBG, TS, U, VS

*Institution ID:* 35-0330

**Roswell Park Cancer Institute**

Attn: Arthur Michalek PhD  
Educational Affairs Dept  
Elm and Carlton Sts

Buffalo, NY 14263-0001

*Med Sch Affil:* M-03506

*Specialty:* AN, APM, CCA, GE, NM, ON, PHO, PTH, RO, TS  
*Institution ID:* 35-0451

**Sisters of Charity Hospital**

2157 Main St  
Buffalo, NY 14214-9984  
*Med Sch Affil:* M-03506  
*Specialty:* IM, OBG, OTO  
*Institution ID:* 35-0157

**SUNY at Buffalo School of Medicine**

3435 Main St  
Buffalo, NY 14214  
*Med Sch Affil:* M-03506  
*Specialty:* CHP  
*Institution ID:* 35-8028

**Veterans Affairs Medical Center (Buffalo)**

3495 Bailey Ave  
Buffalo, NY 14215  
*Med Sch Affil:* M-03506  
*Specialty:* AN, CCA, CD, CHN, D, END, GE, GS, HEM, ID, IM, IMG, MPD, MPM, N, NEP, NM, NPR, ON, OPH, ORS, P, PCC, PM, PTH, RHU, RO, TS, U, VS  
*Institution ID:* 35-0466

**Canandaigua****Frederick Ferris Thompson Systems**

350 Parrish St  
Canandaigua, NY 14424  
*Specialty:* FP  
*Institution ID:* 35-7042

**Castle Point****Veterans Affairs Medical Center (Castle Point)**

Ronald F. Lipp (00)  
Castle Point, NY 12511-9999  
*Specialty:* GS  
*Institution ID:* 35-0561

**Cuba****Cuba Memorial Hospital**

140 W Main St  
Cuba, NY 14727-1398  
*Specialty:* FP  
*Institution ID:* 35-8040

**East Meadow****Nassau County Medical Center**

Attn: David Westring, MD  
Academic Affairs  
2201 Hempstead Trnplk  
East Meadow, NY 11554-5400  
*Med Sch Affil:* M-03548  
*Specialty:* END, ORS, PDE, RHU  
*Institution ID:* 35-0162

**Elmhurst****Catholic Medical Center (St John's Queens Hospital)**

90-02 Queens Blvd  
Elmhurst, NY 11373-4941  
*Specialty:* CD, GE, ID, IM, OBG, ORS, PUD  
*Institution ID:* 35-0172

**Elmhurst Hospital Center-Mount Sinai Services**

79-01 Broadway  
Elmhurst, NY 11373  
*Med Sch Affil:* M-03547  
*Specialty:* AN, CCA, CCM, D, DR, EM, END, GE, GS, HO, ID, IM, MPD, NEP, NPM, NS, OBG, OPH, ORS, OTO, PCC, PM, PS, PTH, U  
*Institution ID:* 35-0271

**Flushing****Flushing Hospital Medical Center**

45th Ave and Parsons Blvd  
Flushing, NY 11355  
*Med Sch Affil:* M-03546  
*Specialty:* PTH  
*Institution ID:* 35-0364

**New York Hospital Medical Center of Queens**

56-45 Main St  
Flushing, NY 11355-5095  
*Med Sch Affil:* G-03519  
*Specialty:* OBG  
*Institution ID:* 35-0349

**Forest Hills****LaGuardia Hospital**

102-01 66th Rd  
Forest Hills, NY 11375-2029  
*Med Sch Affil:* M-03520  
*Specialty:* GS, U  
*Institution ID:* 35-0568

**Glen Oaks****Hillside Hospital (Long Island Jewish Medical Center)**

75-59 263rd St  
Glen Oaks, NY 11004  
*Specialty:* P  
*Institution ID:* 35-0299

**Harrison****St Vincent's Hospital of New York-Westchester Branch**

275 North St  
Harrison, NY 10528  
*Med Sch Affil:* L-03509  
*Specialty:* P  
*Institution ID:* 35-0490

**Hauppauge****Suffolk County Department of Health Services**

225 Rabro Dr E  
Hauppauge, NY 11788  
*Med Sch Affil:* G-03548  
*Specialty:* MPH, NP  
*Institution ID:* 35-8021

**Hawthorne****Westchester County Department of Health**

19 Bradhurst Ave  
Hawthorne, NY 10532  
*Specialty:* GPM  
*Institution ID:* 35-8044

**Jamaica****Catholic Medical Center (Mary Immaculate Hospital)**

152-11 89th Ave  
Jamaica, NY 11432-9998  
*Specialty:* CD, FP, GE, GS, ID, IM, OBG, OPH, ORS, PUD  
*Institution ID:* 35-0472

**Jamaica Hospital**

8900 Van Wyck Expwy  
Jamaica, NY 11418-2897  
*Med Sch Affil:* L-03508, G-03520  
*Specialty:* GS, ORS, PM  
*Institution ID:* 35-0216

**Queens Hospital Center**

82-68 164th St  
Jamaica, NY 11432-1234  
*Med Sch Affil:* M-03547  
*Specialty:* CCM, CD, CHN, DR, END, GE, GS, OPH, OTO, PCC, PTH, RHU, RNR  
*Institution ID:* 35-0220

**Kingston****Benedictine Hospital**

105 Mary's Ave  
Kingston, NY 12401-5894  
*Med Sch Affil:* L-03509  
*Specialty:* FP  
*Institution ID:* 35-0350

**Manhasset****North Shore University Hospital**

300 Community Dr  
Manhasset, NY 11030-3876  
*Med Sch Affil:* M-03520, M-03519, L-02312  
*Specialty:* AI, ALI, GE, PS  
*Institution ID:* 35-0467

**Mineola****Nassau County Department of Health**

240 Old Country Rd  
Mineola, NY 11501-4250  
*Specialty:* MPH  
*Institution ID:* 35-8022

**Winthrop-University Hospital**

Winthrop-University Hospital  
259 First St  
Mineola, NY 11501-3957  
*Med Sch Affil:* M-03548  
*Specialty:* CD, GS, PS, U  
*Institution ID:* 35-0375

**Montrose****Franklin D Roosevelt Veterans Affairs Hospital**

PO Box 100  
Montrose, NY 10548  
*Med Sch Affil:* L-03509  
*Specialty:* RHU  
*Institution ID:* 35-0251

**Mount Vernon****Mount Vernon Hospital**

12 N 7th Ave  
Mount Vernon, NY 10550-2098  
*Med Sch Affil:* L-03509  
*Specialty:* GPM  
*Institution ID:* 35-0255

**New Hyde Park****Schneider Children's Hosp (Long Island Jewish Med Ctr)**

270-05-76th Ave  
New Hyde Park, NY 11040  
*Med Sch Affil:* M-03546  
*Specialty:* AI, CCP, CHN, CHP, DR, NPM, ORS, PD, PDC, PDE, PHO  
*Institution ID:* 35-8024

**New Rochelle****New Rochelle Hospital Medical Center**

16 Guion Pl  
New Rochelle, NY 10802-5500  
*Med Sch Affil:* M-03509  
*Specialty:* AN  
*Institution ID:* 35-0104

**New York****Bellevue Hospital Center**

27th St and 1st Ave  
New York, NY 10016  
*Med Sch Affil:* M-03519, L-02312

*Specialty:* AN, CCA, CD, CHN, CHP, D, DMP, DR, EM, END, GE, GS, HEM, HSP, ID, IM, IMG, N, NEP, NP, NPM, NR, NS, OBG, ON, OPH, ORS, OSM, OTO, P, PCC, PD, PDC, PDE, PDR, PHO, PM, PS, PTH, RHU, RNR, RO, TS, U, VS

*Institution ID:* 35-0235

**Beth Israel Medical Center**

Beth Israel Medical Center  
First Ave at 16th St  
New York, NY 10003

*Med Sch Affil:* M-03547, M-03546

*Specialty:* D, EM, OPH, ORS, PM, PS, RHU  
*Institution ID:* 35-0284

**Cabrini Medical Center**

227 E 19th St  
New York, NY 10003

*Med Sch Affil:* M-03509, G-03519

*Specialty:* END, OPH, U  
*Institution ID:* 35-0410

**Columbia University School of Public Health**

600 W 168th St  
New York, NY 10032

*Med Sch Affil:* L-03501

*Specialty:* MPH, PH  
*Institution ID:* 35-0766

**Cornell University Medical College**

1300 York Ave  
New York, NY 10021

*Med Sch Affil:* M-03520

*Specialty:* PTH

*Institution ID:* 35-0791

**Goldwater Memorial Hospital**

F D Roosevelt Island  
New York, NY 10044

*Med Sch Affil:* G-03519

*Specialty:* PM

*Institution ID:* 35-0122

**Harlem Hospital Center**

506 Lenox Ave  
New York, NY 10037-1003

*Med Sch Affil:* M-03501

*Specialty:* ORS, HO

*Institution ID:* 35-0195

**Hospital for Joint Diseases Orthopaedic Institute**

Hospital for Joint Diseases  
Bernard Aronson Plaza

301 East 17th Street  
New York, NY 10003

*Med Sch Affil:* M-03519

*Specialty:* DR, IMG, OSM, PM, RHU

*Institution ID:* 35-0289

**Hospital for Special Surgery**

535 E 70th St  
New York, NY 10021-1000

*Med Sch Affil:* M-03520

*Specialty:* DR, NS, OMO

*Institution ID:* 35-0459

**The Institute for Urban Family Health**

16 E 16th St  
New York, NY 10003

*Specialty:* FP

*Institution ID:* 35-9045

**Manhattan Eye Ear and Throat Hospital**

210 E 64th St  
New York, NY 10021

*Med Sch Affil:* L-03501, G-03519

*Specialty:* PS

*Institution ID:* 35-0367

**Manhattan Psychiatric Center**

600 E 125th St  
Ward's Island

New York, NY 10035

*Med Sch Affil:* L-03519

*Specialty:* P

*Institution ID:* 35-0239

**Memorial Sloan-Kettering Cancer Center**

1275 York Ave  
New York, NY 10021

*Med Sch Affil:* M-03520, L-03508, L-02312, G-03519

*Specialty:* AN, BBK, DMP, DR, GS, IM, N, NS, ON, OTO,

PM, PS, RNR, TS, U, VIR

*Institution ID:* 35-0125

**Metropolitan Hospital Center**

1901 First Ave  
New York, NY 10029

*Med Sch Affil:* M-03509

*Specialty:* AN, CCS, D, DR, GE, GS, HEM, ID, N, NPM,

OBG, OPH, PCC, PM, U

*Institution ID:* 35-0163

**Mount Sinai Medical Center**

1 Gustave L Levy Pl  
New York, NY 10029-6574

*Med Sch Affil:* M-03547

*Specialty:* AI, AN, APM, BBK, CCA, CCM, CD, CHN, CHP,

D, DR, EM, END, GE, GPM, GS, HO, ID, IM, IMG, MEM,

MPD, N, NEP, NM, NP, NPM, NS, OBG, OM, OPH, ORS,

OTO, P, PCC, PCP, PD, PDC, PDE, PDP, PDR, PG, PHO,

PM, PN, PS, PTH, PUD, RHU, RNR, RO, TS, U, VS

*Institution ID:* 35-0376

**New York Blood Center**

310 E 67th St  
New York, NY 10021

*Specialty:* BBK

*Institution ID:* 35-0807

**New York Hospital**

525 E 68th St F-164  
New York, NY 10021-1234

*Med Sch Affil:* M-03520

*Specialty:* BBK, CCA, CD, HSO, ORS, OTO, P, PD, PHO

*Institution ID:* 35-0262

**New York State Psychiatric Institute**

722 W 168th St  
New York, NY 10032

*Med Sch Affil:* M-03501

*Specialty:* CHP, P

*Institution ID:* 35-0353

**New York University Medical Center**

550 First Ave  
New York, NY 10016-1111

*Med Sch Affil:* M-03519, L-04109, L-02312

*Specialty:* BBK, NS

*Institution ID:* 35-0450

**North General Hospital**

1879 Madison Ave  
New York, NY 10035-0035

*Med Sch Affil:* L-03547

*Specialty:* OPH

*Institution ID:* 35-0808

**Presbyterian Hospital in the City of New York**

The Presbyterian Hospital  
Columbia-Presbyterian Medical Ctr

New York, NY 10032-3784

*Med Sch Affil:* M-03501

*Specialty:* BBK, DR, OPH

*Institution ID:* 35-0289

**Rockefeller University Hospital**

1230 York Ave  
New York, NY 10021

*Specialty:* DMP

*Institution ID:* 35-0725

**The Rogosin Institute**

505 E 70th St  
New York, NY 10021

*Specialty:* END

*Institution ID:* 35-8043

**Rusk Institute of Rehabilitation Medicine**

400 E 34th St R 615  
New York, NY 10016-1111

*Med Sch Affil:* M-03519

*Specialty:* PM

*Institution ID:* 35-0145

**St Luke's-Roosevelt Hospital Center**

1111 Amsterdam Ave  
New York, NY 10025

*Med Sch Affil:* M-03501

*Specialty:* BBK, CD, D, HSO

*Institution ID:* 35-8013

**St Luke's-Roosevelt Hospital Center-Roosevelt Division**

428 W 59th St  
New York, NY 10019

*Med Sch Affil:* M-03501

*Specialty:* AI, CHP, CRS, DR, EM, GS, HEM, HSO, IM,

IMG, NM, NR, OBG, ON, OPH, ORS, OTO, P, PD, PS, PTH,

U

*Institution ID:* 35-0211

**St Luke's-Roosevelt Hospital Center-St Luke's Division**

1111 Amsterdam Ave  
New York, NY 10025

*Med Sch Affil:* M-03501, L-02312

*Specialty:* AN, CD, CHP, DR, EM, END, GE, GS, HEM, ID,

IM, IMG, NEP, NM, NR, OBG, ON, OPH, ORS, OTO, P,

PCC, PD, PS, PTH, RHU, U

*Institution ID:* 35-0135

**St Vincent's Hospital and Medical Center of New York**

153 W 11th St  
New York, NY 10011-8397

*Med Sch Affil:* M-03509, L-03508, G-03519

*Specialty:* BBK, CD, NS, OTO

*Institution ID:* 35-0241

**Veterans Affairs Medical Center (Manhattan)**

423 E 23rd St  
New York, NY 10010

*Med Sch Affil:* M-03519

*Specialty:* AN, CD, CHN, D, DMP, DR, GE, GS, ID, IM,

MPD, N, NR, NS, OPH, ORS, OTO, P, PCC, PM, PS, PTH,

RNR, TS, U

*Institution ID:* 35-0392

**Northport****Veterans Affairs Medical Center (Northport)**

Middleville Rd  
Northport, NY 11768

*Med Sch Affil:* M-03548

*Specialty:* AI, APM, CCM, CD, D, DR, END, GE, GS, HO,

ID, IM, IMG, MN, N, NEP, NP, OPH, OTO, P, PUD, RHU, U,

VS

*Institution ID:* 35-0441

**Oceanside****South Nassau Communities Hospital**

2445 Oceanside Rd  
Oceanside, NY 11572  
*Med Sch Affil:* L-03548  
*Specialty:* NM  
*Institution ID:* 35-0277

**Olean****Olean General Hospital**

515 Main St  
Olean, NY 14760  
*Specialty:* FP  
*Institution ID:* 35-7243

**Orangeburg****Rockland Children's Psychiatric Center**

Convent Rd  
Orangeburg, NY 10962  
*Specialty:* CHP  
*Institution ID:* 35-8042

**Poughkeepsie****Vassar Brothers Hospital**

Reade Pl  
Poughkeepsie, NY 12601  
*Specialty:* FP  
*Institution ID:* 35-0340

**Rochester****Genesee Hospital**

224 Alexander St  
Rochester, NY 14607-4055  
*Med Sch Affil:* M-03545  
*Specialty:* CCA, CCM, CCS, GE, GS, IM, MPD, OBG, ORS, OTO, PS, U  
*Institution ID:* 35-0120

**Highland Hospital of Rochester**

1000 South Ave  
Rochester, NY 14620-9986  
*Med Sch Affil:* M-03545  
*Specialty:* IMG, OBG, ORS  
*Institution ID:* 35-0397

**Monroe Community Hospital**

435 E Henrietta Rd  
Rochester, NY 14620-4685  
*Med Sch Affil:* M-03545  
*Specialty:* APM, PM, RHU  
*Institution ID:* 35-0562

**Rochester General Hospital**

1425 Portland Ave  
Rochester, NY 14621-3095  
*Med Sch Affil:* M-03545  
*Specialty:* CCA, CCS, FP, GS, HEM, IM, IMG, MPD, ON, OPH, ORS, OTO, PD, PS, TS, U, VS  
*Institution ID:* 35-0388

**Rochester Psychiatric Center**

1600 South Ave  
Rochester, NY 14620  
*Med Sch Affil:* L-03545  
*Specialty:* CHP  
*Institution ID:* 35-0309

**St Mary's Hospital**

89 Genesee St  
Rochester, NY 14611-9981  
*Med Sch Affil:* M-03545  
*Specialty:* GE, OPH, PM  
*Institution ID:* 35-0372

**Strong Memorial Hospital of the University of Rochester**

601 Elmwood Ave  
Rochester, NY 14642  
*Med Sch Affil:* M-03545  
*Specialty:* FP  
*Institution ID:* 35-0493

**Rockville Centre****Mercy Medical Center**

1000 N Village Ave  
Rockville Centre, NY 11570  
*Specialty:* OBG  
*Institution ID:* 35-0212

**Schenectady****Ellis Hospital**

1101 Nott St  
Schenectady, NY 12308  
*Med Sch Affil:* M-03503  
*Specialty:* MPD, ORS  
*Institution ID:* 35-0474

**Sunnyview Hospital and Rehabilitation Center**

1270 Belmont Ave  
Schenectady, NY 12308-2198  
*Med Sch Affil:* G-03503  
*Specialty:* PM  
*Institution ID:* 35-0523

**Staten Island****Bayley Seton Hospital**

75 Vanderbilt Ave  
Staten Island, NY 10304-3850  
*Med Sch Affil:* M-03509  
*Specialty:* D, OPH, P  
*Institution ID:* 35-0813

**St Vincent's Medical Center of Richmond**

355 Bard Ave  
Staten Island, NY 10310-1699  
*Med Sch Affil:* M-03509, G-03508  
*Specialty:* GS, HEM, NEP  
*Institution ID:* 35-0458

**Staten Island University Hospital**

475 Seaview Ave  
Staten Island, NY 10305  
*Specialty:* GE  
*Institution ID:* 35-0156

**Stony Brook****University Hospital-SUNY at Stony Brook**

Health Science Center T4  
Stony Brook, NY 11794-8410  
*Med Sch Affil:* M-03548  
*Specialty:* NM  
*Institution ID:* 35-0560

**Syosset****Syosset Community Hospital**

221 Jericho Trnkp  
Syosset, NY 11791  
*Specialty:* OBG  
*Institution ID:* 35-8046

**Syracuse****American Red Cross Blood Services-Greater Upstate NY Region**

636 S Warren St  
Syracuse, NY 13202-3368  
*Med Sch Affil:* L-03515  
*Specialty:* BBK  
*Institution ID:* 35-8025

**Community-General Hospital of Greater Syracuse**

Broad Rd  
Syracuse, NY 13215  
*Med Sch Affil:* M-03515  
*Specialty:* GS, PTH  
*Institution ID:* 35-0567

**Crouse-Irving Memorial Hospital**

736 Irving Ave  
Syracuse, NY 13210  
*Med Sch Affil:* M-03515  
*Specialty:* AN, BBK, CCM, CD, GS, HSO, ID, IM, N, NPM, NS, OBG, OPH, ORS, OSS, OTO, PCC, PD, PDC, PDE, PHO, PTH, TS  
*Institution ID:* 35-0566

**Richard H Hutchings Psychiatric Center**

Box 27 University Station  
Syracuse, NY 13210  
*Med Sch Affil:* M-03515  
*Specialty:* P  
*Institution ID:* 35-0780

**St Camillus Health and Rehabilitation Center**

813 Fay Rd  
Syracuse, NY 13219-3098  
*Specialty:* PM  
*Institution ID:* 35-8037

**St Joseph's Hospital Health Center**

301 Prospect Ave  
Syracuse, NY 13203-1807  
*Med Sch Affil:* M-03515  
*Specialty:* EM  
*Institution ID:* 35-0445

**Veterans Affairs Medical Center (Syracuse)**

800 Irving Ave  
Syracuse, NY 13210  
*Med Sch Affil:* M-03515  
*Specialty:* AN, CD, DR, END, GE, GS, HEM, ID, IM, N, NEP, NS, ON, OPH, ORS, OTO, P, PCC, PM, PTH, RHU, RNR, U  
*Institution ID:* 35-0183

**Valhalla****Westchester County Medical Center**

Valhalla Campus  
Valhalla, NY 10595-1689  
*Med Sch Affil:* M-03509  
*Specialty:* AN, APM, BBK, CCM, CCS, CD, CHP, D, DR, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NPM, NS, OBG, ON, OPH, P, PCC, PCP, PD, PDP, PG, PM, PS, PTH, RHU, RNR, RO, U  
*Institution ID:* 35-0301

**West Haverstraw****Helen Hayes Hospital**

Rt 9W  
West Haverstraw, NY 10993-1195  
*Med Sch Affil:* G-03501  
*Specialty:* ORS  
*Institution ID:* 35-0408

**West Seneca****Western New York Children's  
Psychiatric Center**

1010 East and West Rd  
West Seneca, NY 14224  
*Specialty:* CHP  
**Institution ID: 35-8035**

**North Carolina****Ahoskie****Roanoke-Chowan Hospital**

500 S Academy St  
PO Box 1385  
Ahoskie, NC 27910  
*Specialty:* FP  
**Institution ID: 36-8013**

**Asheville****Memorial Mission Hospital**

509 Biltmore Ave  
Asheville, NC 28801  
*Med Sch Affil:* L-03601  
*Specialty:* FP, OBG  
**Institution ID: 36-0114**

**Veterans Affairs Medical Center  
(Asheville)**

1100 Tunnel Rd  
Asheville, NC 28805  
*Med Sch Affil:* L-03607  
*Specialty:* GS, ORS, TS, U  
**Institution ID: 36-0740**

**Butner****John Umstead Hospital**

1003 12th St  
Butner, NC 27509-1626  
*Med Sch Affil:* L-03607  
*Specialty:* CHP  
**Institution ID: 36-0507**

**Chapel Hill****Office of the Chief Medical Examiner**

Campus Box 7580  
Chapel Hill, NC 27599-7580  
*Specialty:* FOP  
**Institution ID: 36-0514**

**University of North Carolina School of  
Medicine**

Chapel Hill, NC 27599  
*Med Sch Affil:* M-03601  
*Specialty:* GPM  
**Institution ID: 36-0511**

**University of North Carolina School of  
Public Health**

CB No 7400  
168 Rosenau Hall  
Chapel Hill, NC 27599-7400  
*Specialty:* OM  
**Institution ID: 36-9502**

**Charlotte****Carolinas Medical Center**

1000 Blythe Blvd  
Charlotte, NC 28203  
*Med Sch Affil:* M-03601  
*Specialty:* PS  
**Institution ID: 36-0291**

**Charlotte Institute of Rehabilitation**

1100 Blythe Blvd  
Charlotte, NC 28203  
*Specialty:* PM  
**Institution ID: 36-8012**

**Durham****Durham Regional Hospital**

3643 N Roxboro St  
Durham, NC 27704-2763  
*Med Sch Affil:* M-03607, L-03601  
*Specialty:* FP, GS, NS, ORS  
**Institution ID: 36-0440**

**Veterans Affairs Medical Center  
(Durham)**

508 Fulton St  
Durham, NC 27705-7705  
*Med Sch Affil:* M-03607  
*Specialty:* APM, CCA, CCS, D, DMP, DR, GS, IM, IMG,  
MN, MP, MPD, N, NM, NS, OPH, ORS, OTO, P, PS, PTH,  
RO, TS, U  
**Institution ID: 36-0473**

**Goldsboro****Cherry Hospital**

Caller Box 8000  
Hwy 581  
Goldsboro, NC 27533  
*Med Sch Affil:* L-03608  
*Specialty:* CHP  
**Institution ID: 36-8001**

**Greenville****Pitt Cnty Mental Hlth-Mental Retardation  
and Sub Abuse Ctr**

2310 Stantonsburg Rd  
Greenville, NC 27834  
*Med Sch Affil:* L-03608  
*Specialty:* CHP, P  
**Institution ID: 36-0741**

**Pitt County Memorial Hospital**

PO Box 6028  
2100 Stantonsburg Rd  
Greenville, NC 27835-6028  
*Med Sch Affil:* M-03608  
*Specialty:* AI, CD, CHP, EM, END, FP, FPG, GE, GS, IM,  
MP, NFM, OBG, P, PCP, PD, PM, PTH  
**Institution ID: 36-0738**

**Raleigh****Dorothea Dix Hospital**

820 S Boylan Ave  
Raleigh, NC 27603-2176  
*Med Sch Affil:* M-03601  
*Specialty:* CHP, P  
**Institution ID: 36-0377**

**Wake Medical Center**

3000 New Bern Ave  
Raleigh, NC 27610  
*Med Sch Affil:* M-03601  
*Specialty:* EM, FP, GS, OBG, ORS, OTO, U  
**Institution ID: 36-0498**

**Williamston****Martin General Hospital**

310 S McCaskey Rd  
PO Box 1128  
Williamston, NC 27892  
*Specialty:* FP  
**Institution ID: 36-8014**

**Winston-Salem****Forsyth Memorial Hospital**

3333 Silas Creek Pkwy  
Winston-Salem, NC 27103  
*Med Sch Affil:* M-03605  
*Specialty:* CHP, EM, FP, GS, OBG, U  
**Institution ID: 36-0242**

**North Dakota****Bismarck****St Alexius Medical Center**

900 E Broadway  
Bismarck, ND 58501-0001  
*Med Sch Affil:* M-03701  
*Specialty:* FP  
**Institution ID: 37-0108**

**Fargo****Dakota Hospital**

1720 S University Dr  
PO Box 6014  
Fargo, ND 58108-6014  
*Med Sch Affil:* M-03701  
*Specialty:* FP, IM  
**Institution ID: 37-0390**

**Southeast Human Service Center**

15 Broadway  
Fargo, ND 58102  
*Med Sch Affil:* G-03701  
*Specialty:* P  
**Institution ID: 37-8011**

**St Luke's Hospitals**

720 Fourth St N  
Fargo, ND 58122  
*Med Sch Affil:* M-03701  
*Specialty:* IM, P  
**Institution ID: 37-0396**

**Veterans Affairs Medical and Regional  
Office Center (Fargo)**

2101 N Elm St  
Fargo, ND 58102  
*Med Sch Affil:* M-03701  
*Specialty:* GS  
**Institution ID: 37-0395**

**Minot****Trinity Medical Center**

PO Box 5020  
Minot, ND 58702-5020  
*Med Sch Affil:* M-03701  
*Specialty:* FP  
**Institution ID: 37-0409**

**Ohio****Akron****Akron City Hospital (Summa Health  
System)**

525 E Market St  
Akron, OH 44309-2090  
*Med Sch Affil:* M-03844, L-03840  
*Specialty:* U  
**Institution ID: 38-0215**



**Akron General Medical Center**

Attn: Jame Huffman  
400 Wabash Ave  
Akron, OH 44307  
*Med Sch Affil:* M-03844, L-03840  
*Specialty:* P, PS  
*Institution ID:* 38-0124

**Children's Hospital Medical Center of Akron**

One Perkins Sq  
Akron, OH 44308-1062  
*Med Sch Affil:* M-03844  
*Specialty:* MPD, OPH, ORS, P, PCP, PS, PTH, U  
*Institution ID:* 38-0371

**St Thomas Hospital (Summa Health System)**

444 N Main St  
Akron, OH 44310  
*Med Sch Affil:* M-03844  
*Specialty:* IM, MPD, P, TY  
*Institution ID:* 38-0167

**Brecksville****Veterans Affairs Medical Center (Cleveland)**

10000 Brecksville Rd  
Brecksville, OH 44141-3298  
*Med Sch Affil:* M-03806  
*Specialty:* AN, CD, D, END, GE, GS, ID, IM, IMG, N, NEP, NS, OMO, OPH, ORS, OTO, P, PM, PS, PUD, RHU, RNR, TS, U  
*Institution ID:* 38-0390

**Canton****Aultman Hospital**

2600 6th St SW  
Canton, OH 44710  
*Med Sch Affil:* M-03844  
*Specialty:* IM  
*Institution ID:* 38-0148

**Timken Mercy Medical Center**

1320 Timken Mercy Dr NW  
Canton, OH 44708-2641  
*Med Sch Affil:* M-03844  
*Specialty:* DR, IM  
*Institution ID:* 38-0426

**Cincinnati****Bethesda Hospital Inc**

619 Oak St  
Cincinnati, OH 45206-9975  
*Med Sch Affil:* L-03841, L-03840  
*Specialty:* HSO, ORS  
*Institution ID:* 38-0464

**Children's Hospital Medical Center**

3333 Burnet Ave  
Cincinnati, OH 45229-3039  
*Med Sch Affil:* M-03841  
*Specialty:* AN, APM, CHP, N, NM, ORS, OTO, PDR, RHU, U  
*Institution ID:* 38-0302

**Christ Hospital**

2139 Auburn Ave  
Cincinnati, OH 45219-2906  
*Med Sch Affil:* M-03841  
*Specialty:* DR, NS, OBG, U  
*Institution ID:* 38-0492

**Drake Center**

151 W Galbraith Rd  
Cincinnati, OH 45216  
*Med Sch Affil:* L-03841  
*Specialty:* FPG  
*Institution ID:* 38-0368

**Good Samaritan Hospital**

375 Dixmyth Ave  
Cincinnati, OH 45220-2489  
*Med Sch Affil:* M-03841  
*Specialty:* NS, ORS  
*Institution ID:* 38-0346

**Jewish Hospital of Cincinnati**

3200 Burnet Ave Rm 555  
Cincinnati, OH 45229  
*Med Sch Affil:* L-03841  
*Specialty:* NM  
*Institution ID:* 38-0428

**Providence Hospital**

2446 Kipling Ave  
Cincinnati, OH 45239  
*Specialty:* FP, GS  
*Institution ID:* 38-0525

**University of Cincinnati College of Medicine**

231 Bethesda Ave  
Mail Location #182  
Cincinnati, OH 45267-0182  
*Med Sch Affil:* M-03841  
*Specialty:* OSM  
*Institution ID:* 38-0521

**University of Cincinnati Hospital**

234 Goodman St  
Cincinnati, OH 45267-0700  
*Med Sch Affil:* M-03841, L-02012  
*Specialty:* AI, CHN, NPM  
*Institution ID:* 38-0405

**Veterans Affairs Medical Center (Cincinnati)**

3200 Vine St  
Cincinnati, OH 45220-2213  
*Med Sch Affil:* M-03841  
*Specialty:* AI, CD, DMP, DR, END, GE, GS, HEM, ID, IM, N, NEP, ON, OPH, ORS, OTO, P, PCC, PTH, RHU, RO, U  
*Institution ID:* 38-0329

**Cleveland****American Red Cross Northern Ohio Region**

3747 Euclid Ave  
Cleveland, OH 44115-2501  
*Specialty:* BBK  
*Institution ID:* 38-8064

**Cleveland Psychiatric Institute**

1708 Aiken Ave  
Cleveland, OH 44109  
*Specialty:* P  
*Institution ID:* 38-0391

**Cleveland Psychoanalytic Institute**

11328 Euclid Ave  
Cleveland, OH 44106  
*Specialty:* P  
*Institution ID:* 38-8057

**Health Cleveland (Fairview General Hospital)**

18101 Lorain Ave  
Cleveland, OH 44111-5656  
*Med Sch Affil:* L-03806  
*Specialty:* FP, GS  
*Institution ID:* 38-0209

**Health Cleveland (Lutheran Medical Center)**

2609 Franklin Blvd  
Cleveland, OH 44113-9856  
*Specialty:* IM  
*Institution ID:* 38-0268

**MetroHealth Medical Center**

2500 MetroHealth Dr  
Cleveland, OH 44109-1998  
*Med Sch Affil:* M-03806  
*Specialty:* CCP, END, GS, HEM, HSO, N, NEP, NS, OMO, ON, OPH, ORS, OTO, PS, TS, U, VS  
*Institution ID:* 38-0173

**Mount Sinai Medical Center of Cleveland**

Office of Medical Affairs  
One Mt Sinai Dr  
Cleveland, OH 44106-4198  
*Med Sch Affil:* M-03806  
*Specialty:* CD, FP, GS, PS  
*Institution ID:* 38-0169

**St Vincent Charity Hospital and Health Center**

2351 E 22nd St  
Cleveland, OH 44115  
*Med Sch Affil:* L-03806  
*Specialty:* IM, OPH, PS  
*Institution ID:* 38-0411

**University Hospitals of Cleveland**

11100 Euclid Ave  
Cleveland, OH 44106-2602  
*Med Sch Affil:* M-03806  
*Specialty:* HSO, ORS  
*Institution ID:* 38-0373

**Columbus****American Red Cross Central Ohio Region**

995 E Broad St  
Columbus, OH 43205  
*Specialty:* BBK  
*Institution ID:* 38-8063

**Arthur G James Cancer Hospital and Research Institute**

300 W 10th Ave  
Columbus, OH 43210  
*Med Sch Affil:* M-03840  
*Specialty:* CCA, HO, OBG  
*Institution ID:* 38-8020

**Children's Hospital**

700 Children's Dr  
Columbus, OH 43205-2596  
*Med Sch Affil:* M-03840  
*Specialty:* BBK, CCA, CCP, HSO, MPD, N, NPM, NS, ORS, OTO, PD, PDC, PDE, PDR, PDS, PHO, PN, PS, SP, SPS, TS, U  
*Institution ID:* 38-0491

**Grant Medical Center**

111 S Grant Ave  
Columbus, OH 43215  
*Med Sch Affil:* M-03840  
*Specialty:* GE, GS, OBG, PM  
*Institution ID:* 38-0317

**Mount Carmel East Hospital**

6001 Broad St  
Columbus, OH 43213  
*Specialty:* GS  
*Institution ID:* 38-0761

**Mount Carmel Medical Center**

Dept of Medical Education  
783 W State St  
Columbus, OH 43222-1560  
*Med Sch Affil:* M-03840  
*Specialty:* P, PM, PS, SPS  
*Institution ID:* 38-0245

**Ohio State University College of Medicine**

370 W 9th Ave  
Columbus, OH 43210-1228  
*Med Sch Affil:* M-03840  
*Specialty:* MPH  
*Institution ID:* 38-0176

**Ohio State University Medical Center**

410 W 10th Ave  
Columbus, OH 43210  
*Med Sch Affil:* M-03840  
*Specialty:* P  
*Institution ID:* 38-0123

**Park Medical Center**

1492 E Broad St  
Columbus, OH 43205  
*Specialty:* FP  
*Institution ID:* 38-0584

**Riverside Methodist Hospitals**

Medical Education Dept  
3535 Olentangy River Rd  
Columbus, OH 43214  
*Med Sch Affil:* M-03840  
*Specialty:* EM, HSO, N, NS, ORS, OSM, P, PM, PS, SPS, U  
*Institution ID:* 38-0383

**Veterans Affairs Outpatient Clinic**

456 Clinic Dr  
Columbus, OH 43210  
*Specialty:* GE  
*Institution ID:* 38-0764

**Dayton****Children's Medical Center**

One Children's Plaza  
Dayton, OH 45404-1815  
*Med Sch Affil:* M-03845  
*Specialty:* CHP, D, GS, ORS, PD, PS, TY  
*Institution ID:* 38-0536

**Good Samaritan Hospital and Health Center**

2222 Philadelphia Dr  
Dayton, OH 45406-1891  
*Med Sch Affil:* M-03845, L-03840  
*Specialty:* CD, CHP, EM, GS, HO, ID, IM, MPD, P  
*Institution ID:* 38-0315

**Miami Valley Hospital**

1 Wyoming St  
Dayton, OH 45409-2793  
*Med Sch Affil:* M-03845  
*Specialty:* GS, ID, IM, MPD, OBG, ORS, TY  
*Institution ID:* 38-0431

**St Elizabeth Medical Center**

601 Edwin C Moses Blvd  
Dayton, OH 45408-1498  
*Med Sch Affil:* M-03845  
*Specialty:* CHP, D, GS, PS  
*Institution ID:* 38-0303

**Veterans Affairs Medical Center (Dayton)**

4100 W Third St  
Dayton, OH 45428  
*Med Sch Affil:* M-03845, L-03840  
*Specialty:* CD, D, GE, GS, HO, ID, IM, MPD, ORS, P  
*Institution ID:* 38-0453

**Dayton (Kettering)****Kettering Medical Center**

3535 Southern Blvd  
Dayton (Kettering), OH 45429-1298  
*Med Sch Affil:* M-03845  
*Specialty:* EM, GS, P  
*Institution ID:* 38-0515

**Mayfield Heights****Meridia Hillcrest Hospital**

6780 Mayfield Rd  
Mayfield Heights, OH 44124  
*Specialty:* GS, IM  
*Institution ID:* 38-0483

**Sylvania****Flower Hospital**

5200 Harroun Rd  
Sylvania, OH 43560  
*Med Sch Affil:* L-03843  
*Specialty:* AN, PM  
*Institution ID:* 38-0362

**Toledo****Mercy Hospital of Toledo**

2200 Jefferson Ave  
Toledo, OH 43624-1181  
*Med Sch Affil:* M-03843  
*Specialty:* END, PTH  
*Institution ID:* 38-0210

**St Vincent Medical Center**

2213 Cherry St  
Toledo, OH 43608-2691  
*Med Sch Affil:* M-03843  
*Specialty:* DR, FP, GS, HSP, IM, MPD, OAR, OBG, ON, ORS, P, PM, PMP, PS, TY, U  
*Institution ID:* 38-0180

**Toledo Hospital**

2142 N Cove Blvd  
Toledo, OH 43606-3895  
*Med Sch Affil:* M-03843  
*Specialty:* AN, CD, EM, GS, HSP, IM, MPD, OBG, ORS, PD, PM, PMP, TY, U  
*Institution ID:* 38-0218

**Toledo Mental Health Center**

930 S Detroit Ave  
Caller No 10002  
Toledo, OH 43699  
*Med Sch Affil:* M-03843  
*Specialty:* P  
*Institution ID:* 38-0531

**Westerville****St Ann's Hospital of Columbus**

500 S Cleveland Ave  
Westerville, OH 43081-8998  
*Med Sch Affil:* L-03840  
*Specialty:* OBG  
*Institution ID:* 38-0321

**Worthington****Harding Hospital**

445 E Granville Rd  
Worthington, OH 43085-3195  
*Med Sch Affil:* M-03840  
*Specialty:* P  
*Institution ID:* 38-0111

**Wright-Patterson AFB****USAF Medical Center (Wright-Patterson)**

4881 Sugar Maple Dr  
Wright-Patterson AFB, OH 45433-5529  
*Med Sch Affil:* M-03845, M-02312  
*Specialty:* D, EM, GE, GS, MPD, OBG, P, PD  
*Institution ID:* 38-0336

**Youngstown****Northside Medical Center**

Western Reserve Care System  
345 Oak Hill Ave  
PO Box 990  
Youngstown, OH 44501-0990  
*Med Sch Affil:* M-03844  
*Specialty:* AN, DR, FP, GS, IM, MPD, PTH, TY  
*Institution ID:* 38-8056

**Southside Medical Center**

Western Reserve Care System  
345 Oak Hill Ave  
PO Box 990  
Youngstown, OH 44501-0990  
*Med Sch Affil:* M-03844  
*Specialty:* AN, FP, GS, IM, MPD, PTH, TY  
*Institution ID:* 38-0339

**Tod Children's Hospital**

Western Reserve Care System  
345 Oak Hill Ave  
PO Box 990  
Youngstown, OH 44501-0990  
*Med Sch Affil:* M-03844  
*Specialty:* GS, PD, TY  
*Institution ID:* 38-0754

**Oklahoma****Enid****St Mary's Hospital**

305 S Fifth St  
PO Box 232  
Enid, OK 73702  
*Med Sch Affil:* G-03901  
*Specialty:* FP  
*Institution ID:* 39-0489

**Muskogee****Veterans Affairs Medical Center (Muskogee)**

Honor Heights Dr  
Muskogee, OK 74401  
*Med Sch Affil:* M-03901  
*Specialty:* GS, IM, MPD  
*Institution ID:* 39-7021

**Oklahoma City****Baptist Medical Center of Oklahoma**

3300 NW Expwy  
Oklahoma City, OK 73112-4481  
*Med Sch Affil:* G-03901  
*Specialty:* EM, OTO, PTH, TY  
*Institution ID:* 39-0475

**Bone and Joint Hospital**

1111 N Dewey Ave  
Oklahoma City, OK 73103-2615  
*Med Sch Affil:* G-03901  
*Specialty:* ORS  
*Institution ID:* 39-0294

**Children's Hospital of Oklahoma**

PO Box 26307  
Oklahoma City, OK 73126  
*Med Sch Affil:* M-03901  
*Specialty:* AN, CHP, D, DMP, DR, EM, GS, MPD, N, NM, NPM, NS, OPH, ORS, OTO, P, PD, PDE, PDS, PG, PHO, PS, PTH, TS, TY, U, VIR  
*Institution ID:* 39-0130

**HCA Presbyterian Hospital**

700 NE 13th St  
Oklahoma City, OK 73104-5070  
*Med Sch Affil:* G-03901  
*Specialty:* EM, HSO, OSM, TY  
*Institution ID:* 39-0312

**McGee Eye Institute**

608 Stanton L Young Blvd  
Oklahoma City, OK 73104  
*Specialty:* OPH  
*Institution ID:* 39-8019

**St Anthony Hospital**

1000 N Lee  
PO Box 205  
Oklahoma City, OK 73101-0205  
*Med Sch Affil:* G-03901  
*Specialty:* EM, NP, TY  
*Institution ID:* 39-0115

**University Hospital and Clinics**

PO Box 26307  
Oklahoma City, OK 73126  
*Med Sch Affil:* M-03901  
*Specialty:* AN, CD, D, DMP, DR, EM, END, FP, GE, GS, HO, HSO, ID, IM, IMG, N, NEP, NM, NP, NS, OBG, OM, OPH, ORS, OTO, P, PCC, PS, PTH, RHU, RO, TS, TY, U, VIR  
*Institution ID:* 39-0121

**Veterans Affairs Medical Center (Oklahoma City)**

921 NE 13th St  
Oklahoma City, OK 73104  
*Med Sch Affil:* M-03901  
*Specialty:* AN, CD, D, DMP, DR, END, GE, GS, HO, ID, IM, IMG, N, NEP, NM, NP, NS, OPH, ORS, OTO, P, PCC, PS, PTH, RHU, TS, U, VIR  
*Institution ID:* 39-0471

**Tulsa****Children's Medical Center**

5300 E Skelly Dr  
PO Box 35648  
Tulsa, OK 74145  
*Med Sch Affil:* L-03901  
*Specialty:* P  
*Institution ID:* 39-0181

**Hillcrest Medical Center**

1120 S Utica Ave  
Tulsa, OK 74104  
*Med Sch Affil:* M-03901  
*Specialty:* FP, GS, IM, MPD, OBG  
*Institution ID:* 39-0117

**Laureate Psychiatric Clinic and Hospital**

6655 S Yale  
Tulsa, OK 74136  
*Med Sch Affil:* G-03901  
*Specialty:* P  
*Institution ID:* 39-8015

**MedWork Occupational Health Network (Tulsa)**

PO Box 14210  
Tulsa, OK 74159-1210  
*Specialty:* OM  
*Institution ID:* 39-8018

**Parkside Inc**

1620 E 12th St  
Tulsa, OK 74120-5499  
*Med Sch Affil:* G-03901  
*Specialty:* P  
*Institution ID:* 39-0499

**St Francis Hospital**

6161 S Yale Ave  
Tulsa, OK 74136  
*Med Sch Affil:* M-03901  
*Specialty:* FP, GS, IM, MPD, NPM, OBG, PD  
*Institution ID:* 39-0479

**St John Medical Center**

1923 S Utica Ave  
Tulsa, OK 74104  
*Med Sch Affil:* M-03901  
*Specialty:* FP, GS, IM, MPD, OBG  
*Institution ID:* 39-0447

**Oregon****Bend****St Charles Medical Center**

2500 NE Neff Rd  
Bend, OR 97701  
*Specialty:* FP  
*Institution ID:* 40-8005

**Portland****Emanuel Hospital and Health Center**

2801 N Gantenbein Ave  
Portland, OR 97227  
*Med Sch Affil:* M-04002  
*Specialty:* OBG, ORS  
*Institution ID:* 40-0229

**Good Samaritan Hospital and Medical Center**

1015 NW 22nd Ave  
Portland, OR 97210  
*Med Sch Affil:* M-04002  
*Specialty:* GS, IM, N, OBG, OPH, PTH  
*Institution ID:* 40-0102

**Kaiser Permanente-NW Region**

2701 NW Vaughn St Ste 300  
Portland, OR 97210-5398  
*Med Sch Affil:* G-04002  
*Specialty:* GS, U  
*Institution ID:* 40-0707

**Shriners Hospital for Crippled Children (Portland)**

3101 SW Sam Jackson Park Rd  
Portland, OR 97201-4698  
*Med Sch Affil:* L-04002  
*Specialty:* HSP, ORS  
*Institution ID:* 40-0325

**St Vincent Hospital and Medical Center**

9205 SW Barnes Rd Ste 20  
Portland, OR 97225-6661  
*Med Sch Affil:* M-04002  
*Specialty:* GS  
*Institution ID:* 40-0133

**Veterans Affairs Medical Center (Portland)**

3710 SW US Veterans Hospital Rd  
PO Box 1034  
Portland, OR 97207  
*Med Sch Affil:* M-04002  
*Specialty:* APM, CCM, CD, D, DR, END, GE, GS, HEM, HSP, ID, IM, IMG, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PCC, PS, PTH, RHU, TS, U  
*Institution ID:* 40-0171

**Pennsylvania****Abington****Abington Memorial Hospital**

1200 Old York Rd  
Abington, PA 19001-3788  
*Med Sch Affil:* M-04113, L-04109, L-04101  
*Specialty:* ORS, P, PM, PS, U  
*Institution ID:* 41-0455

**Allentown****Lehigh Valley Hospital**

Cedar Crest & I-78  
PO Box 689  
Allentown, PA 18105-1556  
*Med Sch Affil:* M-04114, M-04109, L-04113  
*Specialty:* CCA  
*Institution ID:* 41-0724

**Sacred Heart Hospital**

421 Chew St  
Allentown, PA 18102-3490  
*Med Sch Affil:* M-04113  
*Specialty:* PM  
*Institution ID:* 41-0179

**Bristol****Lower Bucks Hospital**

501 Bath Rd  
Bristol, PA 19007-3190  
*Med Sch Affil:* G-04113  
*Specialty:* OBG  
*Institution ID:* 41-0187

**Bryn Mawr****Bryn Mawr Hospital**

130 S Bryn Mawr Ave  
Bryn Mawr, PA 19010-3160  
*Med Sch Affil:* M-04102, L-04101, G-04107  
*Specialty:* ORS, PS, U  
*Institution ID:* 41-0274

**Elkins Park****Medical College Hospitals-Elkins Park Campus**

60 E Township Line Rd  
Elkins Park, PA 19027-2249  
*Specialty:* OPH  
*Institution ID:* 41-0726

**Erie****Hamot Medical Center**

201 State St  
Erie, PA 16550-0001  
*Med Sch Affil:* L-04114, L-04107, L-02312  
*Specialty:* CRS  
*Institution ID:* 41-0452

**Shriners Hospital for Crippled Children (Erie)**

1645 W 8th St  
Erie, PA 16505  
*Specialty:* ORS  
*Institution ID:* 41-0526

**Fort Washington****Northwestern Institute of Psychiatry**

450 Bethlehem Pike  
Fort Washington, PA 19034  
*Specialty:* P  
*Institution ID:* 41-8002

**Greensburg****Westmoreland Hospital**

532 W Pittsburgh St  
Greensburg, PA 15601  
*Specialty:* TS  
*Institution ID:* 41-0292

**Harrisburg****Harrisburg Hospital**

111 S Front St  
Harrisburg, PA 17101-2099  
*Med Sch Affil:* M-04114  
*Specialty:* GS, OBG, ORS, PS  
*Institution ID:* 41-0356

**Polyclinic Medical Center**

2601 N Third St  
Harrisburg, PA 17110  
*Med Sch Affil:* M-04114  
*Specialty:* DR, PD, PS  
*Institution ID:* 41-0463

**Lancaster****Lancaster General Hospital**

555 N Duke St  
PO Box 3555  
Lancaster, PA 17604-3555  
*Med Sch Affil:* M-04113, L-04114, L-04101  
*Specialty:* U  
*Institution ID:* 41-0107

**Lebanon****Veterans Affairs Medical Center  
(Lebanon)**

1700 S Lincoln Ave  
Lebanon, PA 17042-7597  
*Med Sch Affil:* M-04114  
*Specialty:* OPH, U  
*Institution ID:* 41-7070

**Monroeville (Pittsburgh)****Forbes Regional Hospital**

2570 Haymaker Rd  
Monroeville (Pittsburgh), PA 15146  
*Med Sch Affil:* M-04112  
*Specialty:* DR  
*Institution ID:* 41-0524

**Orefield****KidsPeace National Center for Kids in  
Crisis**

5300 KidsPeace Dr  
Orefield, PA 18069  
*Specialty:* CHP  
*Institution ID:* 41-8028

**Philadelphia****Albert Einstein Medical Center**

5501 Old York Rd  
Philadelphia, PA 19141-3098  
*Med Sch Affil:* M-04113  
*Specialty:* GE, N, PCC, PM  
*Institution ID:* 41-0450

**American Red Cross Blood  
Services-Penn-Jersey Region**

Musser Blood Center  
700 Spring Garden St  
Philadelphia, PA 19123-3594  
*Specialty:* BBK  
*Institution ID:* 41-8003

**Belmont Center for Comprehensive  
Treatment**

4200 Monument Ave  
Philadelphia, PA 19131  
*Med Sch Affil:* L-04113  
*Specialty:* CHP, P  
*Institution ID:* 41-0283

**Chestnut Hill Hospital**

8835 Germantown Ave  
Philadelphia, PA 19118-2767  
*Med Sch Affil:* M-04102  
*Specialty:* OBG  
*Institution ID:* 41-0358

**Children's Hospital of Philadelphia**

One Children's Center  
34th St and Civic Center Blvd  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101, L-04109, G-04107, G-04102  
*Specialty:* AN, APM, CCA, D, DR, HSO, N, NM, NS, ORS,  
OTO, PS, PTH, RNR, TS, U  
*Institution ID:* 41-0189

**Children's Seashore House**

3405 Civic Center Blvd  
Philadelphia, PA 19104  
*Med Sch Affil:* L-04101  
*Specialty:* PM  
*Institution ID:* 41-8025

**Episcopal Hospital**

100 E Lehigh Ave  
Philadelphia, PA 19125-1098  
*Med Sch Affil:* M-04107, L-04109  
*Specialty:* PUD  
*Institution ID:* 41-0424

**Fox Chase Cancer Center**

7701 Burholme Ave  
Philadelphia, PA 19111-2497  
*Med Sch Affil:* M-04113, L-04109, L-04107  
*Specialty:* CCA, GS, HEM, ON, TS, U  
*Institution ID:* 41-0529

**Frankford Hospital (Frankford Campus)**

Red Lion and Knights Rds  
Philadelphia, PA 19114  
*Specialty:* TY  
*Institution ID:* 41-8004

**Frankford Hospital (Torresdale Campus)**

Red Lion and Knights Rds  
Philadelphia, PA 19114  
*Med Sch Affil:* M-04107, G-04101  
*Specialty:* GS, OBG, OPH, TY  
*Institution ID:* 41-0166

**Friends Hospital**

4641 Roosevelt Blvd  
Philadelphia, PA 19124-2399  
*Med Sch Affil:* L-04102  
*Specialty:* P  
*Institution ID:* 41-7107

**Germantown Hospital and Medical  
Center**

One Penn Blvd  
Philadelphia, PA 19144-1498  
*Med Sch Affil:* L-04113, L-04107, L-04101  
*Specialty:* DR, IM  
*Institution ID:* 41-0496

**Graduate Hospital**

One Graduate Plaza  
1800 Lombard St  
Philadelphia, PA 19146-1487  
*Med Sch Affil:* M-04113, M-04101, L-04107, G-04109  
*Specialty:* D, N, NM, OTO  
*Institution ID:* 41-0144

**Hahnemann University Hospital**

New College Building MS 400  
Broad and Vine Sts MS300  
Philadelphia, PA 19102-1192  
*Med Sch Affil:* M-04109, G-04113  
*Specialty:* OTO  
*Institution ID:* 41-0484

**Hospital of the University of Pennsylvania**

3400 Spruce St  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101  
*Specialty:* AI, CHN, NPM  
*Institution ID:* 41-0106

**Jefferson Park Hospital**

Ford Rd and Fairmont Pk  
Philadelphia, PA 19131  
*Med Sch Affil:* L-04102  
*Specialty:* PCC  
*Institution ID:* 41-8016

**Medical College of Pennsylvania  
Hospital**

Medical College of PA Hospital  
3300 Henry Ave  
Philadelphia, PA 19129  
*Med Sch Affil:* M-04107, L-04707, G-04101  
*Specialty:* P  
*Institution ID:* 41-0415

**Mercy Catholic Medical  
Center-Fitzgerald Mercy Division**

54th St and Cedar Ave  
Philadelphia, PA 19143  
*Med Sch Affil:* G-04101  
*Specialty:* DR, GS, HSO, IM, PCC, TY  
*Institution ID:* 41-0414

**Mercy Catholic Medical  
Center-Misericordia Division**

54th St and Cedar Ave  
Philadelphia, PA 19143  
*Med Sch Affil:* G-04107  
*Specialty:* DR, EM, GS, IM, PCC  
*Institution ID:* 41-0499

**Methodist Hospital**

2301 S Broad St  
Philadelphia, PA 19148  
*Med Sch Affil:* M-04102  
*Specialty:* EM, GS, OBG, ORS  
*Institution ID:* 41-0306

**Moss Rehabilitation Hospital**

1200 W Tabor Rd  
Philadelphia, PA 19141-3099  
*Med Sch Affil:* L-04113  
*Specialty:* ORS, PM, RHU  
*Institution ID:* 41-0515

**Pennsylvania Hospital**

800 Spruce St  
Philadelphia, PA 19107  
*Med Sch Affil:* M-04102, M-04101, G-04113  
*Specialty:* D, ID, NPM, NS, OAR, ORS, OSM, OTO, P, U  
*Institution ID:* 41-0235

**Philadelphia Child Guidance Center**

34th St and Civic Center Blvd  
Philadelphia, PA 19104  
*Med Sch Affil:* L-04101  
*Specialty:* P  
*Institution ID:* 41-0127

**Presbyterian Medical Center of  
Philadelphia**

51 N 39th St  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101  
*Specialty:* GS, OPH  
*Institution ID:* 41-0323

**Scheie Eye Institute**

51 N 39th St  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101  
*Specialty:* OPH  
**Institution ID:** 41-0632

**Shriners Hospital for Crippled Children (Philadelphia)**

8400 Roosevelt Blvd  
Philadelphia, PA 19152-9999  
*Med Sch Affil:* G-04113, G-04109, G-04107  
*Specialty:* OP, ORS  
**Institution ID:** 41-0110

**St Agnes Medical Center**

1900 S Broad St  
Philadelphia, PA 19145-3089  
*Med Sch Affil:* L-04107  
*Specialty:* GS, PS  
**Institution ID:** 41-0223

**St Christopher's Hospital for Children**

Erie Ave at Front St  
Philadelphia, PA 19134-1095  
*Med Sch Affil:* M-04113, M-04107, G-04109, G-04102  
*Specialty:* CCA, CCP, NS, ORS, OTO, PS, TS, U  
**Institution ID:** 41-0380

**Temple University Hospital**

Broad and Ontario Sts  
Philadelphia, PA 19140-3615  
*Med Sch Affil:* M-04113  
*Specialty:* CHN, MPM, NPM, PTH  
**Institution ID:** 41-0413

**Thomas Jefferson University Hospital**

111 S 11th St  
Philadelphia, PA 19107-5096  
*Med Sch Affil:* M-04102, L-04107  
*Specialty:* DR  
**Institution ID:** 41-0224

**University of Pennsylvania School of Medicine**

36th and Hamilton Walk  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04101  
*Specialty:* OPH  
**Institution ID:** 41-9501

**Veterans Affairs Medical Center (Philadelphia)**

University and Woodland Aves  
Philadelphia, PA 19104  
*Med Sch Affil:* M-04107, M-04101  
*Specialty:* AN, APM, CCM, D, GS, ID, IM, IMG, N, NM, NS, OPH, ORS, OTO, P, PCC, PCP, PTH, RHU, RNR, RO, U, VIR  
**Institution ID:** 41-0285

**Wills Eye Hospital**

900 Walnut St  
Philadelphia, PA 19107-5598  
*Med Sch Affil:* M-04102  
*Specialty:* NS  
**Institution ID:** 41-0494

**Pittsburgh**

**Allegheny General Hospital**

320 E North Ave  
Pittsburgh, PA 15212-4772  
*Med Sch Affil:* M-04107  
*Specialty:* OPH, OTO, PS, U  
**Institution ID:** 41-0466

**Children's Hospital of Pittsburgh**

One Children's Pl  
3705 Fifth Ave at Desoto St  
Pittsburgh, PA 15213-2583  
*Med Sch Affil:* M-04112  
*Specialty:* AI, CCP, CHN, D, GS, HMP, HSO, NP, NS, ORS, OTO, PCH, PD, PDC, PDE, PDP, PDR, PDS, PHO, PN, PS, PTH, TS, TY, U  
**Institution ID:** 41-0161

**Harmarville Rehabilitation Center**

PO Box 11460  
Guys Run Rd  
Pittsburgh, PA 15238-0460  
*Specialty:* PM  
**Institution ID:** 41-0740

**Magee-Womens Hospital**

300 Halket St  
Pittsburgh, PA 15213-3180  
*Med Sch Affil:* M-04112  
*Specialty:* NP, NPM, OBG, PCP, PD, PTH, TY, U  
**Institution ID:** 41-0208

**Mercy Hospital of Pittsburgh**

1400 Locust St  
Pittsburgh, PA 15219-5166  
*Med Sch Affil:* M-04112, L-04102  
*Specialty:* EM, ORS, PM  
**Institution ID:** 41-0196

**Montefiore University Hospital (UPMC)**

200 Lothrop St  
Pittsburgh, PA 15213-2582  
*Med Sch Affil:* M-04112  
*Specialty:* AN, CD, END, GE, GS, HEM, ID, IM, NEP, NP, NS, ON, OPH, ORS, P, PCC, PTH, RHU, TY, U  
**Institution ID:** 41-0248

**Presbyterian-University Hospital/UPMC**

200 Lothrop St  
Pittsburgh, PA 15213-2582  
*Med Sch Affil:* M-04112  
*Specialty:* AN, APM, CCA, CCM, CCS, CD, CHN, CHP, D, DMP, DR, EM, END, GE, GS, HEM, HMP, HSP, ID, IM, IMG, NEP, NM, NP, NS, OAR, ON, ORS, OSM, OTO, P, PCC, PCH, PM, PS, PTH, RHU, RNR, TS, TY, U  
**Institution ID:** 41-0349

**St Margaret Memorial Hospital**

815 Freeport Rd  
Pittsburgh, PA 15215-3399  
*Med Sch Affil:* M-04112, L-04114  
*Specialty:* ORS, PM  
**Institution ID:** 41-0324

**University Health Center of Pittsburgh**

Graduate Medical Education Office  
121 Meyran Ave  
201 Loeffler Bldg  
Pittsburgh, PA 15260  
*Med Sch Affil:* M-04112  
*Specialty:* PG  
**Institution ID:** 41-8024

**Veterans Affairs Medical Center (Pittsburgh)**

Pittsburgh - VA Medical Center  
University Drive C  
Pittsburgh, PA 15240-1001  
*Med Sch Affil:* M-04112  
*Specialty:* CCM, CD, D, END, GE, GS, HEM, HSO, ID, IM, IMG, N, NEP, NP, NS, OAR, ON, OPH, ORS, OTO, P, PCC, PTH, RHU, RNR, U  
**Institution ID:** 41-0296

**Western Pennsylvania Hospital**

4800 Friendship Ave  
Pittsburgh, PA 15224-1793  
*Med Sch Affil:* M-04112  
*Specialty:* EM, PS  
**Institution ID:** 41-0122

**Western Psychiatric Institute and Clinic/UPMC**

3811 O'Hara St  
Pittsburgh, PA 15213-2593  
*Med Sch Affil:* M-04112  
*Specialty:* CHP, P, TY  
**Institution ID:** 41-0462

**Reading**

**Reading Hospital and Medical Center**

PO Box 16052  
Reading, PA 19612-6052  
*Med Sch Affil:* M-04113, L-04114, L-04101  
*Specialty:* GS  
**Institution ID:** 41-0305

**Reading Rehabilitation Hospital**

Morgantown Rd RR 1 PO Box 250  
Reading, PA 19607  
*Specialty:* PM  
**Institution ID:** 41-8026

**Scranton**

**Community Medical Center**

1822 Mulberry St  
Scranton, PA 18510-2398  
*Specialty:* IM, PUD  
**Institution ID:** 41-0716

**Mercy Hospital**

Adm Ste  
746 Jefferson Ave  
Scranton, PA 18510  
*Med Sch Affil:* M-04113  
*Specialty:* IM  
**Institution ID:** 41-0717

**Moses Taylor Hospital**

700 Quincy Ave  
Scranton, PA 18510-1970  
*Med Sch Affil:* M-04113  
*Specialty:* IM  
**Institution ID:** 41-0718

**Upland**

**Crozer-Chester Medical Center**

One Medical Center Blvd  
PO Box 1 Ste 302  
Upland, PA 19013-3995  
*Med Sch Affil:* M-04109, G-04102, G-04101  
*Specialty:* GE, GS, IM, OBG, P, PCC, TY, VS  
**Institution ID:** 41-0511

**Delaware County Memorial Hospital**

Crozer-Chester Medical Center  
One Medical Center Blvd  
Upland, PA 19013-3995  
*Med Sch Affil:* L-04107, G-04113  
*Specialty:* OAR  
**Institution ID:** 41-0505

**Wilkes-Barre**

**Veterans Affairs Medical Center (Wilkes-Barre)**

1111 East End Blvd  
Wilkes-Barre, PA 18711-0026  
*Med Sch Affil:* G-04113, G-04109  
*Specialty:* OPH  
**Institution ID:** 41-0517

**Wilkes-Barre General Hospital**

Auburn and N River Sts  
Wilkes-Barre, PA 18764  
*Specialty:* FP  
**Institution ID:** 41-0301

**Wynnewood****Lankenau Hospital**

100 Lancaster Ave West of City Line  
Wynnewood, PA 19096-3498  
*Med Sch Affil:* M-04102, L-04107, L-04101, G-04113  
*Specialty:* OPH, ORS, OSM  
*Institution ID:* 41-0403

**York****York Hospital**

1001 S George St  
York, PA 17405  
*Med Sch Affil:* M-04114, M-04101, L-02301  
*Specialty:* PS  
*Institution ID:* 41-0142

**Puerto Rico****Bayamon****University Hospital Ramon Ruiz Arnau**

Avenidas Laurel y Santa Juanita  
Bayamon, PR 00956-6032  
*Med Sch Affil:* M-04203  
*Specialty:* HEM, ON, PUD  
*Institution ID:* 42-7019

**Carolina****Hospital Dr Federico Trilla**

Avenue 65 de Infanteria KM 8 3  
PO Box 3869  
Carolina, PR 00984-3869  
*Specialty:* IM, IMG  
*Institution ID:* 42-8015

**Hato Rey****One Gonzalez Martinez Oncologic Hospital**

PO Box 1811  
Hato Rey, PR 00919  
*Med Sch Affil:* M-04201  
*Specialty:* ON  
*Institution ID:* 42-0205

**Ponce****Hospital de Damas**

Ponce Bypass  
Ponce, PR 00731  
*Med Sch Affil:* M-04202  
*Specialty:* GS  
*Institution ID:* 42-0289

**Hospital Oncologico Andres Grillasca**

PO Box 1324  
Ponce, PR 00733-1324  
*Specialty:* GS  
*Institution ID:* 42-0474

**Hospital San Lucas**

Box 2027  
Guadalupe St Final  
Ponce, PR 00731-2027  
*Med Sch Affil:* L-04202  
*Specialty:* CD, IM  
*Institution ID:* 42-7018

**Ponce Regional Hospital**

Bo Machuelo  
Carrepera #14  
Ponce, PR 00731  
*Med Sch Affil:* M-04201, L-04202  
*Specialty:* FP, GE, PUD  
*Institution ID:* 42-0194

**Rio Piedras****San Juan City Hospital**

Hicaco #53  
Milaville  
Rio Piedras, PR 00926  
*Med Sch Affil:* M-04203, M-04201  
*Specialty:* AN, DR, GE, N, NS, OPH, ORS, OTO, PTH  
*Institution ID:* 42-0320

**San Juan****Auxilio Mutuo Hospital**

Ponce De Leon Ave  
Box 1227  
San Juan, PR 00919  
*Specialty:* PHO  
*Institution ID:* 42-0459

**Industrial Hospital**

Box 5028  
San Juan, PR 00935  
*Med Sch Affil:* L-04201  
*Specialty:* AN, DR  
*Institution ID:* 42-0463

**Puerto Rico Rehabilitation Center**

Puerto Rico Medical Center  
San Juan, PR 00935  
*Specialty:* PM  
*Institution ID:* 42-0469

**State Psychiatric Hospital**

Box 61  
San Juan, PR 00936  
*Specialty:* P  
*Institution ID:* 42-8019

**University Hospital**

Puerto Rico Medical Center  
Caparra Heights Station  
San Juan, PR 00935  
*Med Sch Affil:* M-04201  
*Specialty:* AN, CD, CHP, D, DR, EM, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NS, OBG, ON, OPH, ORS, OTO, P, PM, PTH, PUD, RHU, RO, TY, U  
*Institution ID:* 42-0178

**University of Puerto Rico School of Medicine**

PO Box 365067  
San Juan, PR 00936-5067  
*Med Sch Affil:* M-04201  
*Specialty:* CD  
*Institution ID:* 42-0464

**University Pediatric Hospital**

PO Box 191079  
San Juan, PR 00919-1079  
*Med Sch Affil:* M-04201  
*Specialty:* NPM, NS, ORS, PD, PDP, PHO  
*Institution ID:* 42-0477

**Veterans Affairs Medical Center (San Juan)**

One Veterans Plaza  
San Juan, PR 00927-5800  
*Med Sch Affil:* M-04201, L-04203  
*Specialty:* AN, DR, GE, GS, HEM, ID, IMG, N, NM, NS, ON, OPH, ORS, OTO, P, PTH, PUD, RHU, U  
*Institution ID:* 42-0265

**Rhode Island****East Providence****Emma Pendleton Bradley Hospital**

1011 Veterans Memorial Pkwy  
East Providence, RI 02915  
*Med Sch Affil:* M-04301  
*Specialty:* CHP  
*Institution ID:* 43-0432

**Pawtucket****Memorial Hospital of Rhode Island**

111 Brewster St  
Pawtucket, RI 02860  
*Med Sch Affil:* M-04301, L-03201  
*Specialty:* CD, D, HEM, ID, ON, PTH, PUD  
*Institution ID:* 43-0436

**Providence****Miriam Hospital**

164 Summit Ave  
Providence, RI 02906  
*Med Sch Affil:* M-04301  
*Specialty:* CCS, CD, GS, HEM, ID, ON, P, PTH  
*Institution ID:* 43-0232

**Rhode Island Hospital**

593 Eddy St  
Providence, RI 02903-4970  
*Med Sch Affil:* M-04301, G-02416  
*Specialty:* CCM, D, ID, OBG, P, RHU  
*Institution ID:* 43-0281

**Roger Williams Medical Center**

825 Chalkstone Ave  
Providence, RI 02908-4735  
*Med Sch Affil:* M-04301  
*Specialty:* CCM, END, GE, P, PS, PTH, SPS, U  
*Institution ID:* 43-0438

**Veterans Affairs Medical Center (Providence)**

830 Chalkstone Ave  
Providence, RI 02908-4799  
*Med Sch Affil:* M-04301  
*Specialty:* CCM, CD, D, END, GE, GS, HEM, ID, IM, ON, OPH, ORS, P, PS, RHU, SPS, U  
*Institution ID:* 43-0439

**Women and Infants Hospital of Rhode Island**

101 Dudley St  
Providence, RI 02905-2401  
*Med Sch Affil:* M-04301  
*Specialty:* PD, PG, PTH  
*Institution ID:* 43-0334

**South Carolina****Charleston****Charleston Memorial Hospital**

326 Calhoun St  
Charleston, SC 29401  
*Med Sch Affil:* M-04501  
*Specialty:* DR, GS, OBG, OTO, P, PCC, PDR, PS, TS, U  
*Institution ID:* 45-0483

**MUSC Medical Center**

171 Ashley Ave  
Charleston, SC 29425-0950  
*Med Sch Affil:* M-04501, L-04504  
*Specialty:* AN, CD, CHP, D, DMP, DR, END, FOP, FP, GE, GS, HO, ID, IM, N, NEP, NM, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PD, PDC, PDR, PHO, PM, PS, PTH, RHU, RNR, RO, TS, U, VIR  
*Institution ID:* 45-0152

**Veterans Affairs Medical Center (Charleston)**

109 Bee St  
Charleston, SC 29401-5799  
*Med Sch Affil:* M-04501  
*Specialty:* AN, D, DR, END, GE, GS, HO, ID, IM, N, NEP, NM, OPH, ORS, OTO, P, PCC, PS, PTH, RHU, TS, U  
*Institution ID:* 45-0485

**Columbia****Richland Memorial Hospital-Univ of South Carolina Sch of Med**

Five Richard Medical Pk  
Attn: Brian J Jowers  
Columbia, SC 29203  
*Med Sch Affil:* M-04504, L-04501  
*Specialty:* P  
*Institution ID:* 45-0366

**Williams Jennings Bryan Dorn Veterans Hospital**

6439 Garners Ferry Rd  
Columbia, SC 29209-1639  
*Med Sch Affil:* M-04504  
*Specialty:* CD, END, GE, GS, IM, ON, OPH, ORS, P, PUD  
*Institution ID:* 45-0735

**Greenville****Shriners Hospital for Crippled Children (Greenville)**

950 W Paris Rd  
Greenville, SC 29605-4277  
*Med Sch Affil:* G-03607  
*Specialty:* ORS  
*Institution ID:* 45-0174

**North Charleston****Naval Hospital (Charleston)**

3600 Rivers Ave  
North Charleston, SC 29405-7744  
*Med Sch Affil:* L-04501, L-02312  
*Specialty:* D, GS, ORS, OTO  
*Institution ID:* 45-0134

**South Dakota****Brookings****Brookings Hospital**

300 22nd Ave  
Brookings, SD 57006  
*Specialty:* FP  
*Institution ID:* 46-8003

**Sioux Falls****Charter Hospital of Sioux Falls**

2812 S Louise Ave  
Sioux Falls, SD 57106  
*Med Sch Affil:* G-04601  
*Specialty:* CHP  
*Institution ID:* 46-8002

**McKenna Hospital**

McKenna Hospital  
PO Box 5045  
800 E 21st St  
Sioux Falls, SD 57117-5045  
*Med Sch Affil:* M-04601  
*Specialty:* FP, IM, P, TY  
*Institution ID:* 46-0125

**Royal C Johnson Veterans Affairs Medical Center**

PO Box 5046  
2501 W 22nd St  
Sioux Falls, SD 57117-5046  
*Med Sch Affil:* M-04601  
*Specialty:* IM, P, PTH, TY  
*Institution ID:* 46-0218

**Sioux Valley Hospital**

1100 S Euclid Ave  
PO Box 5039  
Sioux Falls, SD 57117-5039  
*Med Sch Affil:* M-04601  
*Specialty:* CHP, FP, IM, PTH, TY  
*Institution ID:* 46-0212

**Southeastern Mental Health Center**

2000 S Summit Ave  
Sioux Falls, SD 57105  
*Med Sch Affil:* G-04601  
*Specialty:* P  
*Institution ID:* 46-8001

**Watertown****Prairie Lakes Health Care Center**

400 Tenth Ave NW  
Watertown, SD 57201  
*Specialty:* FP  
*Institution ID:* 46-8004

**Tennessee****Bristol****Bristol Regional Medical Center**

1 Medical Park Blvd  
Bristol, TN 37621-8964  
*Med Sch Affil:* M-04702  
*Specialty:* IM, PUD  
*Institution ID:* 47-0491

**Chattanooga****Erlanger Medical Center**

975 E Third St  
Chattanooga, TN 37403  
*Med Sch Affil:* M-04706  
*Specialty:* GS, IM, OBG, OPH, ORS, OSM, PM, PS, TY  
*Institution ID:* 47-0330

**T C Thompson Children's Hospital Medical Center**

910 Blackford St  
Chattanooga, TN 37403  
*Med Sch Affil:* M-04706  
*Specialty:* OPH, ORS, PD  
*Institution ID:* 47-0313

**Willie D Miller Eye Center**

975 E Third St  
Chattanooga, TN 37403  
*Specialty:* OPH  
*Institution ID:* 47-8016

**Johnson City****Johnson City Medical Center Hospital**

400 N State of Franklin  
Johnson City, TN 37604-6094  
*Med Sch Affil:* M-04720  
*Specialty:* CD, FP, GE, GS, HO, ID, IM, OBG, P, PD, PTH, PUD  
*Institution ID:* 47-0499

**Woodridge Hospital**

403 State of Franklin Rd  
Johnson City, TN 37604  
*Med Sch Affil:* M-04720  
*Specialty:* P  
*Institution ID:* 47-0493

**Kingsport****Holston Valley Hospital and Medical Center**

PO Box 238  
Kingsport, TN 37662-0238  
*Med Sch Affil:* M-04720  
*Specialty:* GS, IM  
*Institution ID:* 47-0379

**Knoxville****St Mary's Medical Center**

Oak Hill Ave  
Knoxville, TN 37917  
*Specialty:* OSM  
*Institution ID:* 47-0104

**University of Tennessee Memorial Hospital**

1924 Alcoa Hwy  
Knoxville, TN 37920-6999  
*Specialty:* AN, CCA, CCS, DR, FP, GS, IM, NM, OBG, PD, PTH, TY, VS  
*Institution ID:* 47-8023

**Memphis****Baptist Memorial Hospital**

899 Madison Ave  
Memphis, TN 38146  
*Med Sch Affil:* M-04706  
*Specialty:* AI, CHN, D, DMP, END, FP, GS, HEM, IM, N, NS, ON, ORS, PS, PTH, RHU, TS, VS  
*Institution ID:* 47-0382

**Campbell Foundation-University of Tennessee**

869 Madison Ave  
Memphis, TN 38104-3433  
*Med Sch Affil:* M-04706  
*Specialty:* HSO, OP, ORS  
*Institution ID:* 47-0401

**LeBonheur Children's Medical Center**

50 N Dunlap Ave  
Memphis, TN 38103-2893  
*Med Sch Affil:* M-04706  
*Specialty:* AI, CCP, CHN, CHP, DR, MPD, ORS, PD, PDC, PDE, PDR, PDS, PHO, PN, TS, TY, U, UP  
*Institution ID:* 47-0186

**Methodist Hospital-Central Unit**

1265 Union Ave  
Memphis, TN 38104-3415  
*Med Sch Affil:* M-04706  
*Specialty:* GS, NS, OPH, OTO, PS  
*Institution ID:* 47-0113

**Regional Medical Center at Memphis**

877 Jefferson Ave  
 Memphis, TN 38103-9999  
*Med Sch Affil:* M-04706  
*Specialty:* AN, CCM, CCS, CD, CHN, D, DR, END, GE, GS, HEM, ID, IM, IMG, MPD, N, NEP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PD, PS, PTH, PUD, RHU, TS, U, VIR  
**Institution ID: 47-0241**

**St Francis Hospital**

6005 Park Ave Ste 500  
 Memphis, TN 38119  
*Med Sch Affil:* M-04706  
*Specialty:* FP  
**Institution ID: 47-0478**

**St Joseph Hospital**

220 Overton Ave  
 Memphis, TN 38101  
*Specialty:* CHP  
**Institution ID: 47-0375**

**St Jude Children's Research Hospital**

332 N Lauderdale St  
 Memphis, TN 38105-0318  
*Med Sch Affil:* M-04706  
*Specialty:* AI, MPD, PD, PDR, PDS, PHO  
**Institution ID: 47-0482**

**University of Tennessee College of Medicine**

956 Court Ave PO Box 19A  
 Memphis, TN 38163-9999  
*Med Sch Affil:* M-04706, L-04707  
*Specialty:* FP, IM  
**Institution ID: 47-0474**

**University of Tennessee Medical Center**

951 Court Ave  
 Memphis, TN 38103  
*Med Sch Affil:* M-04706  
*Specialty:* AI, AN, CHF, D, DR, FP, GS, IM, MPD, N, OBG, OTO, PDS, PS, TS, U, VIR  
**Institution ID: 47-0269**

**Veterans Affairs Medical Center (Memphis)**

1030 Jefferson Ave  
 Memphis, TN 38104  
*Med Sch Affil:* M-04706  
*Specialty:* AI, CCM, CD, CHN, D, DMP, DR, END, GE, GS, HEM, ID, IM, IMG, MPD, N, NEP, NS, ON, OPH, OTO, P, PS, PTH, PUD, RHU, TS, U, VS  
**Institution ID: 47-0280**

**Mountain Home****Veterans Affairs Medical Center (Mountain Home)**

(Johnson City)  
 Mountain Home, TN 37684-5001  
*Med Sch Affil:* M-04720  
*Specialty:* CD, FP, GE, GS, HO, ID, IM, P, PTH, PUD  
**Institution ID: 47-0498**

**Murfreesboro****Alvin C York Veterans Affairs Medical Center**

3400 Lebanon Rd  
 Murfreesboro, TN 37129  
*Med Sch Affil:* M-04707  
*Specialty:* FP, IM, P  
**Institution ID: 47-0501**

**Nashville****American Red Cross Blood Services-Tennessee Valley Region**

2201 Charlotte Ave  
 PO Box 23917  
 Nashville, TN 37202-3917  
*Specialty:* BBK  
**Institution ID: 47-0820**

**Baptist Hospital**

Department of Medicine  
 2000 Church St  
 Nashville, TN 37236-0001  
*Med Sch Affil:* M-04706, L-04705  
*Specialty:* OBG, OTO, PS, U  
**Institution ID: 47-0163**

**Metropolitan Nashville General Hospital**

72 Hermitage Ave  
 Nashville, TN 37210-2110  
*Med Sch Affil:* M-04707  
*Specialty:* D, FP, IM, MPD, N, PD, PS  
**Institution ID: 47-0408**

**Middle Tennessee Mental Health Institute**

1501 Murfreesboro Rd  
 Nashville, TN 37217-9017  
*Specialty:* P  
**Institution ID: 47-0502**

**St Thomas Hospital**

4220 Harding Rd  
 PO Box 380  
 Nashville, TN 37205  
*Med Sch Affil:* M-04705  
*Specialty:* GE, GS, HO, ID, NS, PTH, RHU, VS  
**Institution ID: 47-0262**

**Vanderbilt Child and Adolescent Psychiatric Hospital**

1601 23rd Ave S  
 Nashville, TN 37212  
*Specialty:* CHP  
**Institution ID: 47-0821**

**Veterans Affairs Medical Center (Nashville)**

1310 24th Ave S  
 Nashville, TN 37212-2637  
*Med Sch Affil:* M-04705  
*Specialty:* D, DR, GE, GS, HO, ID, IM, MPD, N, NEP, NM, NP, NS, OPH, ORS, OTO, PCC, PS, PTH, RHU, TS, U  
**Institution ID: 47-0461**

**Texas****Amarillo****Northwest Texas Health Care System**

P O Box 1110  
 Amarillo, TX 79175  
*Med Sch Affil:* M-04815  
*Specialty:* FP, IM, OBG, PD  
**Institution ID: 48-0566**

**St Anthony's Hospital**

PO Box 950  
 Amarillo, TX 79176  
*Med Sch Affil:* M-04815  
*Specialty:* FP  
**Institution ID: 48-7005**

**Veterans Affairs Medical Center (Amarillo)**

6010 Amarillo Blvd W  
 Amarillo, TX 79106-1902  
*Med Sch Affil:* M-04815  
*Specialty:* CHN, IM, N  
**Institution ID: 48-0584**

**Austin****Austin-Travis County Mental Health and Retardation Center**

1430 Collier St  
 Austin, TX 78704  
*Specialty:* P  
**Institution ID: 48-0586**

**Brackenridge Hospital**

601 E 15th St  
 Austin, TX 78701  
*Specialty:* CHP, FP, IM, OBG, PD  
**Institution ID: 48-0563**

**Central Texas Medical Foundation**

Dept of Medical Education  
 601 E 15th St  
 Austin, TX 78701  
*Med Sch Affil:* L-04802  
*Specialty:* GS, P  
**Institution ID: 48-0451**

**Big Spring****Veterans Affairs Medical Center (Big Spring)**

2400 Gregg St  
 Big Spring, TX 79720  
*Med Sch Affil:* G-04815  
*Specialty:* OPH  
**Institution ID: 48-0557**

**Dallas****Baylor Institute for Rehabilitation**

3505 Gaston Ave  
 Dallas, TX 75246-2018  
*Specialty:* PM  
**Institution ID: 48-8030**

**Baylor University Medical Center**

3500 Gaston Ave  
 Dallas, TX 75246-2088  
*Med Sch Affil:* L-04812, L-02312  
*Specialty:* ORS, PS, SPS, U  
**Institution ID: 48-0351**

**Charlton Methodist Hospital**

3500 W Wheatland Rd  
 Dallas, TX 75237  
*Specialty:* FP  
**Institution ID: 48-0575**

**Children's Medical Center of Dallas**

1935 Motor St  
 Dallas, TX 75235  
*Med Sch Affil:* M-04812  
*Specialty:* AI, CCP, CHN, CHP, D, END, NS, OMO, OTO, PD, PDC, PDR, PG, PHO, PN, PS, SPS, TS, U  
**Institution ID: 48-0360**

**Dallas County Hospital District-Parkland Memorial Hospital**

5201 Harry Hines Blvd  
 Dallas, TX 75235  
*Med Sch Affil:* M-04812, L-02312  
*Specialty:* AI, AN, APM, CCP, CCS, CD, CHN, CHP, CRS, D, DMP, DR, END, FP, GE, GS, HO, HSP, ID, IM, N, NEP, NM, NP, NPM, NR, NS, OBG, OMO, OP, OPH, ORS, OTO, P, PCC, PD, PDR, PG, PIP, PM, PS, PTH, RHU, RNR, SPS, TS, TY, U, VIR, VS  
**Institution ID: 48-0400**

**Dallas County Mental Health and Mental Retardation Center**

1341 Mockingbird Ln  
 Ste 1000-E  
 Dallas, TX 75247  
*Specialty:* P  
**Institution ID: 48-8052**



**Dallas Rehabilitation Institute**

9713 Harry Hines Blvd  
Dallas, TX 75220  
*Specialty:* PM  
*Institution ID:* 48-0545

**Presbyterian Hospital of Dallas**

8200 Walnut Hill Ln  
Dallas, TX 75231-4496  
*Med Sch Affil:* L-04812  
*Specialty:* OMO, P  
*Institution ID:* 48-0519

**St Paul Medical Center**

5909 Harry Hines Blvd  
Dallas, TX 75235-0001  
*Med Sch Affil:* L-04812  
*Specialty:* NS, OTO, TS  
*Institution ID:* 48-0103

**Texas Scottish Rite Hospital for Children**

2222 Welborn St  
Dallas, TX 75219-3993  
*Med Sch Affil:* L-04815, G-04812  
*Specialty:* APM, CHN, HSP, OP, ORS  
*Institution ID:* 48-0341

**Veterans Affairs Medical Center (Dallas)**

4500 S Lancaster Rd  
Dallas, TX 75216  
*Med Sch Affil:* M-04812  
*Specialty:* D, DR, END, GE, GS, HO, ID, IM, N, NEP, NM, NR, NS, OPH, ORS, OTO, P, PCC, PM, PS, PTH, RHU, SPS, TS, TY, U, VS  
*Institution ID:* 48-0290

**Zale-Lipshy University Hospital**

5151 Harry Hines Blvd  
Dallas, TX 75235-7786  
*Med Sch Affil:* M-04812  
*Specialty:* APM, D, NE, NS, P, PS, RNR, SPS, TY, VIR, VS  
*Institution ID:* 48-8034

**El Paso****RE Thomason General Hospital**

4815 Alameda Ave  
El Paso, TX 79905  
*Med Sch Affil:* M-04815  
*Specialty:* AN, EM, FP, GS, IM, OBG, ORS, P, PD, TY  
*Institution ID:* 48-0442

**Texas Tech University Health Sciences Center at El Paso**

4800 Alberta Ave  
El Paso, TX 79905-2709  
*Med Sch Affil:* M-04815, L-04802  
*Specialty:* ORS  
*Institution ID:* 48-0550

**Fort Sam Houston****Brooke Army Medical Center**

2410 SAtanley Rd Bldg 1029  
Fort Sam Houston, TX 78234-6200  
*Med Sch Affil:* M-02312, L-04813  
*Specialty:* CCA, NPM, PS, U  
*Institution ID:* 48-0277

**Fort Worth****Cook-Fort Worth Children's Medical Center**

1400 Cooper St  
Fort Worth, TX 76104  
*Specialty:* ORS  
*Institution ID:* 48-0503

**Harris Methodist Fort Worth**

1301 Pennsylvania Avenue  
Fort Worth, TX 76104  
*Specialty:* OBG, ORS  
*Institution ID:* 48-0361

**John Peter Smith Hospital (Tarrant County Hospital District)**

1500 S Main St  
Fort Worth, TX 76104-4917  
*Med Sch Affil:* G-04812  
*Specialty:* GS, OTO  
*Institution ID:* 48-0214

**Galveston****Shriners Burns Institute**

815 Market St  
Galveston, TX 77550-2725  
*Med Sch Affil:* G-04802  
*Specialty:* PS  
*Institution ID:* 48-8001

**Houston****AMI Park Plaza Hospital**

1313 Hermann Dr  
Houston, TX 77004  
*Specialty:* FP  
*Institution ID:* 48-8059

**Cullen Bayou Place-Depelchin Children's Center**

4815 Dickson St  
Houston, TX 77007  
*Med Sch Affil:* L-04804  
*Specialty:* CHP  
*Institution ID:* 48-8041

**Diagnostic Center Hospital**

6447 Main St  
Houston, TX 77030  
*Specialty:* OSM  
*Institution ID:* 48-8049

**Gulf Coast Regional Blood Center**

1400 La Concha Ln  
Houston, TX 77054-1802  
*Specialty:* BBK  
*Institution ID:* 48-8046

**Harris County Hospital District-Ben Taub General Hospital**

1504 Taub Loop  
Houston, TX 77030-0000  
*Med Sch Affil:* M-04804, L-02312  
*Specialty:* AN, BBK, CD, D, DR, END, FP, GE, GS, HEM, HMP, HSO, HSP, ID, IM, MPD, N, NEP, NM, NP, NPM, NS, OBG, ON, OP, OPH, ORS, OTO, OTR, P, PCC, PCP, PD, PG, PM, PS, PTH, RHU, RO, TS, TY, U  
*Institution ID:* 48-0363

**Harris County Psychiatric Center**

2800 S MacGregor  
PQ Box 20249  
Houston, TX 77225-0249  
*Med Sch Affil:* M-04814  
*Specialty:* P  
*Institution ID:* 48-8044

**Hermann Children's Hospital at Houston**

6411 Fannin  
Houston, TX 77030-4188  
*Specialty:* MPD, NPM, PD, PHO, PN  
*Institution ID:* 48-8013

**Hermann Hospital**

6411 Fannin  
Houston, TX 77030-4188  
*Med Sch Affil:* M-04814  
*Specialty:* AN, APM, CCA, CCS, CD, CHN, CRS, D, DMP, DR, EM, END, FP, GE, GS, HEM, ID, IM, MPD, N, NEP, OBG, OPH, ORS, OSM, OTO, P, PCC, PDE, PS, PTH, RHU, RNR, TS, TY, U  
*Institution ID:* 48-0359

**Institute for Rehabilitation and Research**

1333 Moursund  
Houston, TX 77030  
*Med Sch Affil:* M-04804  
*Specialty:* PM  
*Institution ID:* 48-0511

**Lyndon B Johnson General Hospital**

5656 Kelly St  
Houston, TX 77026  
*Med Sch Affil:* M-04814  
*Specialty:* CD, D, DR, EM, END, FP, GE, GS, HEM, ID, IM, N, NEP, NPM, OBG, ORS, OTO, PD, PDE, PM, PS, PTH, RHU, RNR, TY, U  
*Institution ID:* 48-8045

**Memorial Hospital System**

7737 SW Freeway, Ste 200  
Houston, TX 77074  
*Med Sch Affil:* M-04814  
*Specialty:* FP  
*Institution ID:* 48-0443

**Methodist Hospital**

6565 Fannin St  
Houston, TX 77030-9979  
*Med Sch Affil:* M-04804  
*Specialty:* AI, ALI, AN, APM, BBK, CCM, CD, D, DR, END, GE, GS, HEM, HMP, HSO, ID, IM, MPD, N, NEP, NP, NS, ON, OPH, ORS, OSM, OTO, OTR, P, PCC, PCP, PM, PS, PTH, RNR, RO, TS, TY, U, VS  
*Institution ID:* 48-0172

**Shriners Hospital for Crippled Children (Houston)**

1402 N MacGregor Dr  
Houston, TX 77030-1695  
*Med Sch Affil:* G-04814  
*Specialty:* CHN, OP, ORS  
*Institution ID:* 48-0528

**St Joseph Hospital**

1919 LaBranch  
Houston, TX 77002  
*Med Sch Affil:* M-04814  
*Specialty:* DR, MPD, ORS, U  
*Institution ID:* 48-0206

**St Luke's Episcopal Hospital**

PO Box 20269  
Houston, TX 77225-0269  
*Med Sch Affil:* M-04804, L-04815, L-04814  
*Specialty:* CD, DR, FP, HSP, IM, MPD, NM, PM, PS, TS, TY, U  
*Institution ID:* 48-0395

**Texas Children's Hospital**

6621 Fannin St  
Houston, TX 77030-2399  
*Med Sch Affil:* M-04804, L-04814  
*Specialty:* AI, ALI, CCP, CHN, CHP, DR, HMP, MPD, NM, NP, NPM, OP, ORS, PD, PDC, PDE, PDP, PDR, PG, PHO, PM, PN, PS, PTH, TS, U, UP  
*Institution ID:* 48-0456

**Texas Heart Institute**

PO Box 20345  
MC 3-116  
Houston, TX 77225-0345  
*Med Sch Affil:* L-04815, L-04814, L-04802, G-02101  
*Specialty:* CD, MPD  
*Institution ID:* 48-0529

**University of Texas M D Anderson  
Cancer Center**

1515 Holcombe Blvd  
Houston, TX 77030  
*Med Sch Affil:* M-04814, L-04804  
*Specialty:* CHN, D, DMP, DR, GE, GS, HEM, ID, MPD, N,  
NEP, ON, OTO, P, PCC, PHO, PS, RHU, RNR, TS, TY, U  
**Institution ID: 48-0404**

**University of Texas Mental Sciences  
Institute**

1300 Moursund  
Houston, TX 77030  
*Specialty:* CHP  
**Institution ID: 48-0525**

**University of Texas School of Public  
Health**

PO Box 20186  
Houston, TX 77225  
*Med Sch Affil:* L-04814  
*Specialty:* OM  
**Institution ID: 48-0560**

**Veterans Affairs Medical Center  
(Houston)**

2002 Holcombe Blvd  
Houston, TX 77030  
*Med Sch Affil:* M-04804  
*Specialty:* AN, CD, D, DR, END, GE, GS, HEM, HSO, HSP,  
ID, IM, IMG, MPD, N, NEP, NM, NP, NS, ON, OPH, ORS,  
OTO, P, PCC, PCP, PM, PS, PTH, RO, TS, TY, U  
**Institution ID: 48-0326**

**Lackland AFB****Wilford Hall USAF Medical Center (SG)**

WHMC/ET  
2200 Bergquist St, Ste 1  
Lackland AFB, TX 78236-5300  
*Med Sch Affil:* M-02312, L-04813  
*Specialty:* APM, EM, NM, PCP, TS  
**Institution ID: 48-0287**

**Lubbock****St Mary of the Plains Hospital**

4000 24th St  
Lubbock, TX 79410-1208  
*Med Sch Affil:* G-04815  
*Specialty:* FP, ORS, P  
**Institution ID: 48-0561**

**Texas Tech University Health Sciences  
Center at Lubbock**

3601 - 4th Street  
Lubbock, TX 79430  
*Med Sch Affil:* M-04815  
*Specialty:* PS  
**Institution ID: 48-0534**

**University Medical Center**

602 Indiana Ave  
PO Box 5980  
Lubbock, TX 79417-5980  
*Med Sch Affil:* M-04815  
*Specialty:* AN, APM, CD, CHN, D, FP, GE, GS, IM, N, NEP,  
OBG, OPH, P, PD, PTH, TY  
**Institution ID: 48-0562**

**Odessa****Medical Center Hospital**

PO Drawer 7239  
500 W 4th  
Odessa, TX 79761  
*Med Sch Affil:* M-04815  
*Specialty:* FP, OBG  
**Institution ID: 48-0588**

**Reese AFB****US Air Force Hospital (Reese)**

250 13th St  
Reese AFB, TX 79489  
*Med Sch Affil:* G-04815  
*Specialty:* OBG  
**Institution ID: 48-0578**

**San Antonio****Audie L Murphy Memorial Veterans  
Hospital (San Antonio)**

7400 Merton Minter Blvd  
San Antonio, TX 78284-5799  
*Med Sch Affil:* M-04813  
*Specialty:* AN, APM, CD, D, DR, END, FP, GE, GS, HEM,  
HMP, ID, IM, IMG, N, NEP, NS, OAR, ON, OPH, ORS, OTO,  
P, PCC, PCP, PM, PTH, RHU, RNR, TS, U, VIR  
**Institution ID: 48-0530**

**Baptist Memorial Hospital System**

111 Dallas St  
San Antonio, TX 78205-1230  
*Med Sch Affil:* L-04813  
*Specialty:* PTH  
**Institution ID: 48-0309**

**Community Guidance Center of Bexar  
County**

2135 Babcock Rd  
San Antonio, TX 78229  
*Med Sch Affil:* M-04813  
*Specialty:* CHP  
**Institution ID: 48-0531**

**Nix Medical Center**

414 Navarro St  
San Antonio, TX 78205  
*Specialty:* OSM  
**Institution ID: 48-7086**

**Orthopaedic Surgery and Athletic  
Medicine PA**

8042 Wurzbach, Ste 540  
San Antonio, TX 78229-3896  
*Specialty:* OSM  
**Institution ID: 48-8047**

**San Antonio Regional Hospital**

8026 Floyd Curl Dr  
San Antonio, TX 78229  
*Med Sch Affil:* L-04813  
*Specialty:* U  
**Institution ID: 48-8031**

**San Antonio Warm Springs  
Rehabilitation Hospital**

5101 Medical Dr  
San Antonio, TX 78229  
*Specialty:* PM  
**Institution ID: 48-8056**

**Santa Rosa Health Care Corporation**

519 W Houston St  
San Antonio, TX 78207  
*Med Sch Affil:* M-04813  
*Specialty:* ORS, PD, PHO, SP, U  
**Institution ID: 48-0468**

**Southwest Neuropsychiatric Institute**

8535 Tom Slick Dr  
San Antonio, TX 78229  
*Specialty:* CHP  
**Institution ID: 48-8028**

**Southwest Texas Methodist Hospital**

7700 Floyd Curl Dr  
San Antonio, TX 78229  
*Specialty:* OSM  
**Institution ID: 48-8051**

**St Luke's Lutheran Hospital**

7930 Floyd Curl Dr  
Box 29100  
San Antonio, TX 78229  
*Med Sch Affil:* L-04813  
*Specialty:* HSO, OSM  
**Institution ID: 48-8050**

**University Health Center-Downtown**

University Health System Bexar Cty  
4502 Medical Dr  
San Antonio, TX 78284  
*Med Sch Affil:* M-04813  
*Specialty:* AI, FP, OPH  
**Institution ID: 48-0445**

**University Hospital-South Texas Medical  
Center**

University Health System Bexar Cty  
4502 Medical Dr  
San Antonio, TX 78284  
*Med Sch Affil:* M-04813  
*Specialty:* AI, AN, APM, BBK, CD, D, DR, END, FP, GE,  
GS, HEM, HMP, HSO, ID, IM, IMG, N, NEP, NM, NS, OAR,  
OBG, ON, OPH, ORS, OTO, P, PCC, PCP, PD, PDE, PHO,  
PM, PTH, RHU, RNR, RO, TS, U, VIR  
**Institution ID: 48-0522**

**Temple****Olin E Teague Veterans Center**

1901 S 1st St  
Temple, TX 76504-7406  
*Med Sch Affil:* M-04816  
*Specialty:* AN, EM, GS, HMP, IM, OPH, ORS, PS, PTH, U  
**Institution ID: 48-0505**

**Terrell****Terrell State Hospital**

1200 E Brin St  
PO Box 70  
Terrell, TX 75160-0070  
*Med Sch Affil:* G-04812  
*Specialty:* P  
**Institution ID: 48-0515**

**Tyler****Mother Frances Hospital Regional Health  
Care Center**

800 E Dawson  
Tyler, TX 75701  
*Specialty:* FP  
**Institution ID: 48-8037**

**Waco****Hillcrest Baptist Medical Center**

3000 Herring  
PO Box 5100  
Waco, TX 76708  
*Specialty:* FP  
**Institution ID: 48-0539**

**Providence Health Center**

6901 Medical Pkwy  
Waco, TX 76702-2589  
*Specialty:* FP  
**Institution ID: 48-0540**

**Wichita Falls****Bethania Regional Health Care Center**

1600 11th St  
Wichita Falls, TX 76301-4388  
*Specialty:* FP  
**Institution ID: 48-0553**

**Wichita General Hospital**

1600 Eighth St  
Wichita Falls, TX 76301  
*Med Sch Affil:* G-04812  
*Specialty:* FP  
*Institution ID:* 49-0554

**Utah****Salt Lake City****Associated Regional and University Pathologists**

500 Chipeta Way  
Salt Lake City, UT 84108  
*Specialty:* PIP  
*Institution ID:* 49-8016

**Children's Center**

1855 Medical Circle  
Salt Lake City, UT 84112  
*Specialty:* CHP  
*Institution ID:* 49-8011

**FHP of Utah Hospital**

2490 S State  
Salt Lake City, UT 84115  
*Specialty:* FP  
*Institution ID:* 49-8018

**HCA St Mark's Hospital**

1200 E 3900 S  
Salt Lake City, UT 84124  
*Specialty:* PTH  
*Institution ID:* 49-0441

**Holy Cross Hospital**

1050 E South Temple  
Salt Lake City, UT 84102-1599  
*Med Sch Affil:* L-04901  
*Specialty:* FP, GS, ORS, OTO, PS  
*Institution ID:* 49-0297

**LDS Hospital**

Eighth Ave and C St  
Salt Lake City, UT 84143-1001  
*Med Sch Affil:* M-04901, L-02312  
*Specialty:* CCM, GS, OBG, ORS, PTH, PUD, TS, U  
*Institution ID:* 49-0340

**Primary Children's Medical Center**

100 N Medical Dr  
Salt Lake City, UT 84113-1100  
*Med Sch Affil:* M-04901  
*Specialty:* CCP, CHN, CHP, GS, MPD, NP, NPM, NS, OP, ORS, OTO, PD, PDP, PHO, PS, PTH, TS, TY, U  
*Institution ID:* 49-0151

**Shriners Hospital for Crippled Children (Intermountain Unit)**

Fairfax Ave and Virginia St  
Salt Lake City, UT 84103-4399  
*Med Sch Affil:* G-04901  
*Specialty:* OP, ORS  
*Institution ID:* 49-0331

**University Counseling Center**

426 Student Services Bldg  
University of Utah  
Salt Lake City, UT 84112  
*Specialty:* P  
*Institution ID:* 49-8015

**University of Utah Neuropsychiatric Institute**

501 Chipeta Way  
Salt Lake City, UT 84108  
*Med Sch Affil:* L-04901  
*Specialty:* P  
*Institution ID:* 49-8014

**University of Utah School of Medicine**

50 N Medical Dr  
Salt Lake City, UT 84132  
*Med Sch Affil:* M-04901  
*Specialty:* OM  
*Institution ID:* 49-9501

**Valley Mental Health**

5965 S 900 E, Ste 420  
Salt Lake City, UT 84121  
*Specialty:* CHP, P  
*Institution ID:* 49-0140

**Veterans Affairs Medical Center (Salt Lake City)**

500 Foothill Dr  
Salt Lake City, UT 84148-0001  
*Med Sch Affil:* M-04901  
*Specialty:* CD, D, DR, END, GE, GS, HEM, ID, IM, IMG, MPD, N, NEP, NM, NP, NR, NS, ON, OPH, ORS, OSS, OTO, P, PIP, PM, PS, PTH, PUD, RHU, RNR, TS, U, VIR  
*Institution ID:* 49-0251

**Vermont****Brattleboro****Brattleboro Retreat**

75 Linden St  
Brattleboro, VT 05301  
*Med Sch Affil:* M-03201  
*Specialty:* CHP  
*Institution ID:* 50-7002

**Colchester****Fanny Allen Hospital**

101 College Pkwy  
Colchester, VT 05446  
*Med Sch Affil:* L-05002  
*Specialty:* U  
*Institution ID:* 50-0485

**White River Junction****Veterans Affairs Medical Center (White River Junction)**

N Hartland Rd  
White River Junction, VT 05009  
*Med Sch Affil:* M-03201  
*Specialty:* D, END, GE, GS, HO, ID, IM, MP, N, ORS, P, PCC, PS, PTH, RHU, U, VS  
*Institution ID:* 50-0249

**Virginia****Alexandria****Alexandria Hospital**

4320 Seminary Rd  
Alexandria, VA 22304  
*Med Sch Affil:* L-02312, G-01001  
*Specialty:* EM  
*Institution ID:* 51-0412

**Mount Vernon Hospital**

2501 Parker's Ln  
Alexandria, VA 22306  
*Specialty:* PM  
*Institution ID:* 51-8015

**Arlington****Arlington Hospital**

1701 N George Mason Dr  
Arlington, VA 22205-3698  
*Med Sch Affil:* M-01002, L-02312  
*Specialty:* GS, NEP, OBG, ORS  
*Institution ID:* 51-0501

**Nirschl Orthopedic Clinic**

1715 N George Mason Dr Ste 504  
Arlington, VA 22205  
*Specialty:* OSM  
*Institution ID:* 51-8023

**Blackstone****Blackstone Family Practice Center**

820 S Main St  
Blackstone, VA 23824  
*Specialty:* FP  
*Institution ID:* 51-8001

**Charlottesville****University of Virginia Medical Center**

McKim Hall Rm 1044  
Jefferson Park Ave  
Charlottesville, VA 22908  
*Med Sch Affil:* M-05101  
*Specialty:* CD, ID, OBG, PUD  
*Institution ID:* 51-0124

**Danville****Danville Regional Medical Center**

142 S Main St  
Danville, VA 24541  
*Med Sch Affil:* L-03601  
*Specialty:* U  
*Institution ID:* 51-0165

**Fairfax****American Medical Laboratories**

11091 Main St  
Fairfax, VA 22030-0188  
*Specialty:* PTH  
*Institution ID:* 51-8022

**Falls Church****Fairfax Hospital**

3300 Gallows Rd  
Falls Church, VA 22046  
*Med Sch Affil:* M-01002, L-02312, L-01001, G-05104, G-01003  
*Specialty:* APM, CCM, EM, GS, OBG, ORS, P, PCC, PD, PS, U  
*Institution ID:* 51-0492

**Hampton****Veterans Affairs Medical Center (Hampton)**

Hampton, VA 23667  
*Med Sch Affil:* M-05107  
*Specialty:* DR, GS, IM, N, OPH, P, PM, PTH, U  
*Institution ID:* 51-0508

**Newport News****Riverside Regional Medical Center**

500 J Clyde Morris Blvd  
Newport News, VA 23601-1876  
*Med Sch Affil:* L-05107, G-05104, G-02312  
*Specialty:* FP  
*Institution ID:* 51-0108

**Norfolk****Children's Hospital of the King's Daughters**

601 Children's Ln  
Norfolk, VA 23507-1971  
*Med Sch Affil:* M-05107  
*Specialty:* PD, PTH, U  
*Institution ID:* 51-0490

**DePaul Medical Center**

150 Kingsley Ln  
Norfolk, VA 23505-4602  
*Med Sch Affil:* M-05107  
*Specialty:* DR, EM, GS, IM, OBG, PM  
*Institution ID:* 51-0242

**Sentara Leigh Hospital**

830 Kempsville Rd  
Norfolk, VA 23502  
*Med Sch Affil:* M-05107  
*Specialty:* GS, IM, U  
*Institution ID:* 51-8012

**Sentara Norfolk General Hospital**

600 Gresham Dr  
Norfolk, VA 23507  
*Med Sch Affil:* M-05107  
*Specialty:* DR, EM, FP, GS, IM, N, OBG, OPH, OTO, P, PM, PTH, RO, U, VS  
*Institution ID:* 51-0276

**Portsmouth****Maryview Hospital**

3636 High St  
Portsmouth, VA 23707  
*Med Sch Affil:* L-05107  
*Specialty:* FP, RO  
*Institution ID:* 51-0480

**Naval Medical Center (Portsmouth)**

Office of Academic Affairs  
Portsmouth, VA 23708-5000  
*Med Sch Affil:* M-05107, M-02312  
*Specialty:* OTO, PS  
*Institution ID:* 51-0314

**Portsmouth General Hospital**

850 Crawford Pkwy  
Portsmouth, VA 23704-2385  
*Med Sch Affil:* M-05107  
*Specialty:* OBG  
*Institution ID:* 51-0256

**Richmond****Children's Hospital**

2924 Brook Rd  
Richmond, VA 23220-1298  
*Med Sch Affil:* G-05104  
*Specialty:* ORS  
*Institution ID:* 51-0291

**Commonwealth of Virginia Department of Health**

Main St Station Ste 214  
PO Box 2448  
Richmond, VA 23218  
*Specialty:* PH  
*Institution ID:* 51-0184

**HCA Chippenham Medical Center**

7101 Jahnke Rd  
Richmond, VA 23225  
*Med Sch Affil:* G-05104  
*Specialty:* FP  
*Institution ID:* 51-0721

**Hunter Holmes McGuire VA Medical Center (Richmond)**

1201 Broad Rock Rd  
Richmond, VA 23249  
*Med Sch Affil:* M-05104  
*Specialty:* AN, D, DR, END, GS, HO, ID, IM, IMG, N, NM, NS, OPH, ORS, OTO, P, PCC, PM, PS, RNR, RO, TS, U, VS  
*Institution ID:* 51-0148

**MCV-Virginia Treatment Center for Children**

Box 980489 MCV  
Richmond, VA 23298-0489  
*Med Sch Affil:* G-05104  
*Specialty:* CHP, P  
*Institution ID:* 51-0494

**Medical College of Virginia Hospitals**

West Hospital 6th Fl S Wing  
PO Box 980257  
1200 E Broad St  
Richmond, VA 23298-0257  
*Med Sch Affil:* M-05104  
*Specialty:* AI, AN, APM, CCP, CD, CHN, CHP, D, DR, END, FOP, FP, GE, GS, HO, ID, IM, IMG, N, NEP, NM, NP, NPM, NS, OBG, OPH, ORS, OTO, P, PCC, PCH, PCP, PD, PDC, PH, PIP, PM, PN, PS, PTH, RHU, RNR, RO, TS, U, VS  
*Institution ID:* 51-0487

**St Mary's Hospital**

5801 Bremono Rd  
Richmond, VA 23226-1999  
*Med Sch Affil:* G-05104  
*Specialty:* PS  
*Institution ID:* 51-8017

**Tuckahoe Orthopaedic Associates**

8919 Three Chopt Rd  
Richmond, VA 23229  
*Specialty:* OSM  
*Institution ID:* 51-8021

**Roanoke****Community Hospital of Roanoke Valley**

PO Box 12946  
Roanoke, VA 24029-9988  
*Med Sch Affil:* G-05101  
*Specialty:* CD, FP, GS, ID, IM, OBG, PUD, TY  
*Institution ID:* 51-0197

**Roanoke Memorial Hospitals**

PO Box 13367  
Roanoke, VA 24033-3367  
*Med Sch Affil:* M-05101  
*Specialty:* FP, GS, ID, IM, OBG, ORS, P, TY  
*Institution ID:* 51-0258

**Salem****Veterans Affairs Medical Center (Salem)**

1970 Boulevard  
Salem, VA 24153-6483  
*Med Sch Affil:* M-05101  
*Specialty:* GE, GS, IM, ORS, P, U  
*Institution ID:* 51-0513

**Staunton****De Jarnette Center**

PO Box 2309  
Staunton, VA 24402-2309  
*Specialty:* CHP  
*Institution ID:* 51-8002

**Virginia Beach****Virginia Beach General Hospital**

1060 First Colonial Rd  
Virginia Beach, VA 23454-3002  
*Med Sch Affil:* L-05107  
*Specialty:* RO  
*Institution ID:* 51-0514

**Washington****Renton****Valley Medical Center**

400 S 43rd St  
Renton, WA 98055  
*Med Sch Affil:* G-05404  
*Specialty:* PS  
*Institution ID:* 54-0519

**Seattle****Children's Hospital and Medical Center**

4800 Sand Point Way NE  
PO Box C-5371  
Seattle, WA 98105  
*Med Sch Affil:* M-05404  
*Specialty:* AI, ALI, CCP, CHN, CHP, DR, N, NS, OPH, ORS, PD, PDP, PDR, PHO, PM, PN, PS, PTH, TS, U  
*Institution ID:* 54-0311

**Fred Hutchinson Cancer Research Center**

1124 Columbia St  
Seattle, WA 98104  
*Med Sch Affil:* M-05404  
*Specialty:* ON, PHO  
*Institution ID:* 54-8001

**Harborview Medical Center**

325 Ninth Ave  
Seattle, WA 98104-2499  
*Med Sch Affil:* M-05404  
*Specialty:* AI, AN, CHN, DR, END, GS, HSO, IM, IMG, N, NEP, NM, NS, OPH, ORS, P, PM, PS, PTH, RNR, U, VIR  
*Institution ID:* 54-0405

**Northwest Hospital**

1550 N 115th St  
Seattle, WA 98133  
*Specialty:* CRS  
*Institution ID:* 54-8006

**Providence Medical Center**

500 17th Ave  
PO Box C-34008  
Seattle, WA 98124  
*Med Sch Affil:* M-05404  
*Specialty:* GS, IM, PTH  
*Institution ID:* 54-0139

**Swedish Medical Center-Seattle**

747 Broadway  
PO Box 14999  
Seattle, WA 98114-0999  
*Med Sch Affil:* M-05404  
*Specialty:* CRS, IM, OBG, ORS, PTH  
*Institution ID:* 54-0481

**University of Washington Medical Center**

1959 NE Pacific St  
Seattle, WA 98195  
*Med Sch Affil:* M-05404  
*Specialty:* AI, ALI, AN, APM, CCM, CD, CHN, CHP, D, DR, END, FP, GE, GS, HEM, HSO, ID, IM, N, NEP, NM, NP, NPM, NS, OBG, ON, OPH, ORS, OTO, P, PCC, PD, PDP, PM, PS, PTH, RHU, RNR, RO, TS, U, VIR, VS  
*Institution ID:* 54-0209

**Veterans Affairs Medical Center (Seattle)**

1660 S Columbian Way  
Seattle, WA 98108  
*Med Sch Affil:* M-05404  
*Specialty:* APM, CD, DR, END, GS, IM, IMG, N, NEP, NM, NS, OPH, ORS, OTO, P, PM, PS, PTH, RHU, RNR, TS, U, VIR, VS  
*Institution ID:* 54-0362

**Virginia Mason Medical Center**

Housestaff Affairs (H7-ME)  
925 Seneca St  
Seattle, WA 98101  
*Med Sch Affil:* L-05404  
*Specialty:* AI, U  
*Institution ID:* 54-0346

**Spokane****Deaconess Medical Center**

800 W Fifth Ave  
PO Box 248  
Spokane, WA 99210-0248  
*Med Sch Affil:* L-05404  
*Specialty:* FP, IM  
*Institution ID:* 54-0302

**Sacred Heart Medical Center**

101 W 8th Ave  
PO Box 2555  
Spokane, WA 99220-2555  
*Med Sch Affil:* M-05404  
*Specialty:* FP, P  
*Institution ID:* 54-0402

**Shriners Hospitals for Crippled Children (Spokane)**

PO Box 2472  
Spokane, WA 99210-2472  
*Specialty:* ORS  
*Institution ID:* 54-0198

**Tacoma****Mary Bridge Children's Hospital and Health Center**

311 S L St  
PO Box 5299  
Tacoma, WA 98405  
*Med Sch Affil:* M-05404  
*Specialty:* FP  
*Institution ID:* 54-0513

**Veterans Affairs Medical Center (Tacoma)**

American Lake VAMC  
Tacoma, WA 98493  
*Specialty:* IMG  
*Institution ID:* 54-8003

**Yakima****St Elizabeth Medical Center**

110 S Ninth Ave  
Yakima, WA 98902  
*Specialty:* FP  
*Institution ID:* 54-0509

**West Virginia****Charleston****Charleston Area Medical Center**

PO Box 1547  
Charleston, WV 25326-1547  
*Med Sch Affil:* M-05501  
*Specialty:* CD, ID, P, PTH, PYN  
*Institution ID:* 55-0350

**Kanawha-Charleston Health Department**

108 Lee St E  
PO Box 927  
Charleston, WV 25323  
*Specialty:* OM  
*Institution ID:* 55-8015

**Clarksburg****Louis A Johnson Veterans Affairs Medical Center**

One Medical Center Drive  
Clarksburg, WV 26301-4199  
*Med Sch Affil:* L-05501  
*Specialty:* GS, OPH, OTO, U  
*Institution ID:* 55-0740

**Huntington****Cabell Huntington Hospital**

1340 Hal Greer Blvd  
Huntington, WV 25701-0195  
*Med Sch Affil:* M-05502  
*Specialty:* CD, END, FP, GS, ID, IM, IMG, OBG, PD, PTH, PUD, TY  
*Institution ID:* 55-0170

**St Mary's Hospital**

2900 First Ave  
Huntington, WV 25702-1271  
*Med Sch Affil:* M-05502  
*Specialty:* CD, END, GS, ID, IM, IMG, MPD, PTH, PUD, TY  
*Institution ID:* 55-0300

**Veterans Affairs Medical Center (Huntington)**

1540 Spring Valley Dr  
Huntington, WV 25704-9300  
*Med Sch Affil:* M-05502  
*Specialty:* CD, END, GS, ID, IM, IMG, MPD, PTH, PUD, TY  
*Institution ID:* 55-0742

**Martinsburg****Veterans Affairs Medical Center (Martinsburg)**

Charles Town Rd  
Martinsburg, WV 25401-0205  
*Med Sch Affil:* G-01001  
*Specialty:* OPH  
*Institution ID:* 55-0210

**Morgantown****Monongalia General Hospital**

1000 J D Anderson Dr  
Morgantown, WV 26505  
*Med Sch Affil:* L-05501  
*Specialty:* ORS, TS  
*Institution ID:* 55-0745

**West Virginia University Hospitals**

PO Box 8058  
Morgantown, WV 26506-8058  
*Med Sch Affil:* M-05501  
*Specialty:* OM, TS  
*Institution ID:* 55-0426

**Wheeling****Ohio Valley Medical Center**

2000 Eoff St  
Wheeling, WV 26003  
*Med Sch Affil:* L-05501  
*Specialty:* U  
*Institution ID:* 55-0425

**Wisconsin****Appleton****St Elizabeth Hospital**

1506 S Oneida St  
Appleton, WI 54915-1397  
*Med Sch Affil:* G-05605  
*Specialty:* FP  
*Institution ID:* 56-7001

**Eau Claire****Sacred Heart Hospital**

900 W Clairemont Ave  
Eau Claire, WI 54701  
*Med Sch Affil:* G-05605  
*Specialty:* FP  
*Institution ID:* 56-0716

**Madison****American Red Cross Blood Services Badger-Hawkeye Region**

4860 Sheboygan Ave  
PO Box 5906  
Madison, WI 53705-0905  
*Specialty:* BBK  
*Institution ID:* 56-8017

**HCA Parkway Hospital**

6001 Research Park Blvd  
Madison, WI 53719  
*Specialty:* CHP  
*Institution ID:* 56-8019

**Mendota Mental Health Institute**

301 Troy Dr  
Madison, WI 53704-1599  
*Med Sch Affil:* L-05605  
*Specialty:* CHP  
*Institution ID:* 56-0437

**Meriter Hospital**

202 South Park St  
Madison, WI 53715-1599  
*Med Sch Affil:* M-05605  
*Specialty:* CHN, NS, OBG, ORS, OTO, P, PD, PS, PTH, U  
*Institution ID:* 56-8018

**St Marys Hospital Medical Center**

707 S Mills St  
Madison, WI 53715-0450  
*Med Sch Affil:* L-05605  
*Specialty:* OBG, ORS, PS, TS, U  
*Institution ID:* 56-0450

**University of Wisconsin Hospital and Clinics**

600 Highland Ave H4/821  
Madison, WI 53792-8310  
*Med Sch Affil:* M-05605  
*Specialty:* P  
*Institution ID:* 56-0176

**William S Middleton Veterans Hospital**

Attn: Chief of Staff  
2500 Overlook Terrace  
Madison, WI 53705  
*Med Sch Affil:* M-05605  
*Specialty:* AI, AN, CCA, CD, D, DR, END, GE, GS, HEM, ID, IM, IMG, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PCC, PTH, RHU, TS, U, VIR  
*Institution ID:* 56-0218

**Marshfield****Marshfield Clinic-St Joseph's Hospital**

1000 N Oak Ave  
Marshfield, WI 54449-5777  
*Med Sch Affil:* M-05605  
*Specialty:* D  
*Institution ID:* 56-0264

**Milwaukee****Blood Center of Southeastern Wisconsin**

1701 W Wisconsin Ave  
Milwaukee, WI 53233-2194  
*Med Sch Affil:* G-05606  
*Specialty:* BBK  
*Institution ID:* 56-0737

**Children's Hospital of Wisconsin**

9000 W Wisconsin Ave  
PO Box 1997  
Milwaukee, WI 53201  
*Med Sch Affil:* M-05606, G-05605  
*Specialty:* CCP, CHN, CHP, DR, HSP, N, NPM, NS, OP, ORS, OTO, P, PD, PDP, PDR, PG, PHO, PS, TS, U  
*Institution ID:* 56-0237

**Clement J Zablocki Veterans Affairs Medical Center**

5000 W National Ave  
Milwaukee, WI 53295-1000  
*Med Sch Affil:* M-05606  
*Specialty:* AI, AN, CD, CHN, D, DR, END, GS, HEM, ID, IM, IMG, N, NEP, NM, NS, ON, OPH, ORS, OTO, P, PM, PS, PTH, PUD, RHU, RO, TS, U, VIR  
*Institution ID:* 56-0354

**Columbia Hospital**

2025 East Newport Ave  
Milwaukee, WI 53211  
*Med Sch Affil:* G-05606  
*Specialty:* FP, P  
*Institution ID:* 56-0433

**Froedtert Memorial Lutheran Hospital**

9200 W Wisconsin Ave  
PO Box 26099  
Milwaukee, WI 53226-3522  
*Med Sch Affil:* M-05606  
*Specialty:* CCA, CCM, CCS, CHN, D, DR, GE, GS, HSF, ID, IM, N, NEP, NM, NS, OTO, P, PS, PTH, PUD, RHU, RNR, U, VIR  
*Institution ID:* 56-0739

**John L Doyne Hospital**

8701 Watertown Plank Rd  
Milwaukee, WI 53226  
*Med Sch Affil:* M-05606  
*Specialty:* AI, AN, APM, BBK, CCM, CCS, CD, D, DR, EM, END, GE, GS, HEM, HSP, ID, IM, N, NEP, NM, NPM, NR, NS, OBG, ON, OPH, ORS, PDR, PM, PS, PTH, PUD, RHU, RO, TS, U, VIR, VS  
*Institution ID:* 56-0164

**Medical College of Wisconsin**

8701 W Watertown Plank Rd  
Milwaukee, WI 53226  
*Med Sch Affil:* M-05606  
*Specialty:* GPM, OM  
*Institution ID:* 56-0451

**Milwaukee County Mental Health Complex**

9455 Watertown Plank Rd  
Milwaukee, WI 53226-3559  
*Med Sch Affil:* M-05606  
*Specialty:* P  
*Institution ID:* 56-0146

**St Joseph's Hospital**

5000 W Chambers St  
Milwaukee, WI 53210  
*Med Sch Affil:* G-05606  
*Specialty:* GE  
*Institution ID:* 56-0370

**St Luke's Medical Center**

PO Box 2901  
Milwaukee, WI 53201-2901  
*Med Sch Affil:* L-05605, G-05606  
*Specialty:* CCM, PM  
*Institution ID:* 56-0337

**St Mary's Hospital of Milwaukee**

2323 N Lake Dr  
Milwaukee, WI 53211  
*Med Sch Affil:* G-05606  
*Specialty:* FP  
*Institution ID:* 56-0187

**St Michael Hospital**

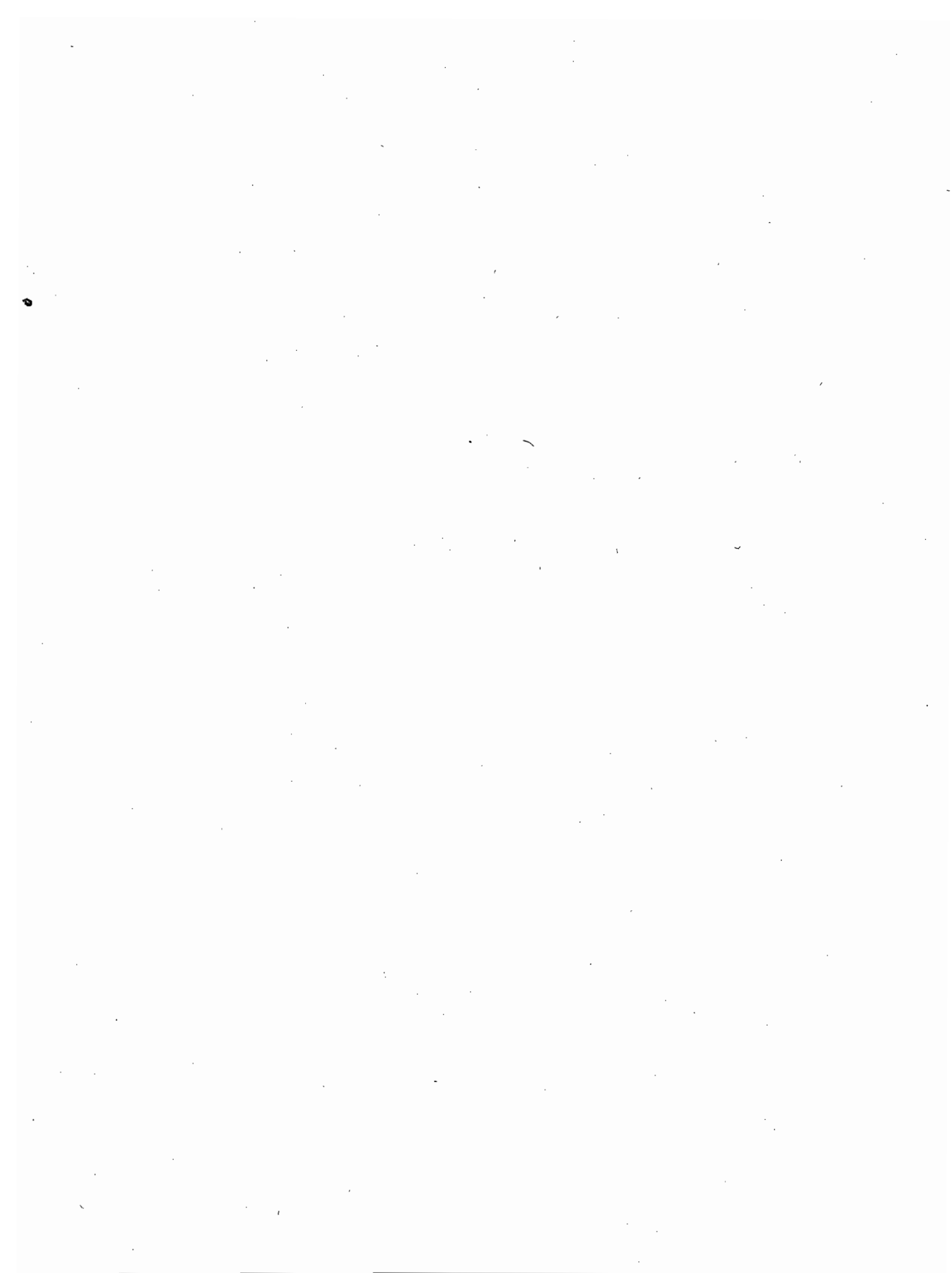
2400 W Villard Ave  
Milwaukee, WI 53209  
*Med Sch Affil:* G-05606  
*Specialty:* FP  
*Institution ID:* 56-0180

**Oshkosh****Mercy Medical Center of Oshkosh**

PO Box 1100  
631 Hazel St  
Oshkosh, WI 54902-1100  
*Specialty:* P  
*Institution ID:* 56-7028

**Wauwatosa****Milwaukee Psychiatric Hospital-Dewey Center**

1220 Dewey Ave  
Wauwatosa, WI 53213-2504  
*Med Sch Affil:* G-05606  
*Specialty:* CHP, P  
*Institution ID:* 56-0400



# Appendix A

## Combined Specialty Programs

Combined specialty programs have been approved by each respective specialty board; resident physicians completing the program are accepted for board certification. Neither the Accreditation Council for Graduate Medical Education (ACGME) nor the Residency Review Committees accredit combined programs; they accredit each specialty program separately. Information in the combined program list was provided by specialty boards. Requests for information about the guidelines for these programs should be directed to the specialty boards at the address listed in Appendix B. Applicants to combined specialty programs are encouraged to review requirements for admission to the certification process of each board in Appendix B of this directory.

### **Internal Medicine/Emergency Medicine**

The American Board of Internal Medicine and the American Board of Emergency Medicine offer dual certification for candidates who have completed at least 2 and a half years of suitable accredited training in each specialty. A combined residency consists of 5 years of balanced education in the two disciplines. It is strongly recommended that the participating residencies be in the same academic health center.

To meet eligibility for dual certification, the resident must satisfactorily complete 60 months of combined education, which must be verified by the directors of both programs. The certifying examinations cannot be taken until all 5 years are satisfactorily completed.

### **Internal Medicine/Neurology**

The American Board of Internal Medicine and the American Board of Psychiatry and Neurology offer dual certification for candidates who have completed 5 years of combined training suitable to both boards. A combined residency in internal medicine and neurology must include at least 5 years of coherent education integral to residencies in the two disciplines. It is strongly recommended that the participating residencies be in the same institution.

To meet eligibility for dual certification, the resident must satisfactorily complete 60 months of training, which must be verified by the directors of both programs. The written certifying examinations cannot be taken until all required years in both specialties are satisfactorily completed.

### **Internal Medicine/Pediatrics**

The American Board of Internal Medicine and the American Board of Pediatrics offer dual certification in internal medicine and pediatrics. A combined residency must include at least 2 years in each specialty, for a total of 4 years of coherent training integral to residencies in the two disciplines. The participating residencies should be in the same academic health center. Continuity clinics in each specialty should be provided throughout the 4 years.

To meet eligibility requirements for dual certification, the resident must satisfactorily complete 48 months of combined education, and clinical competence in both specialties must be verified by the directors of both programs. The certifying examinations cannot be taken until all required years in both specialties are satisfactorily completed.

### **Internal Medicine/Physical Medicine and Rehabilitation**

The American Board of Internal Medicine and the American Board of Physical Medicine and Rehabilitation offer dual certification for candidates who have completed at least 2 and a half years of suitable accredited training in each specialty. A combined residency must include at least 5 years of coherent training integral to resi-



dencies in the two disciplines. It is strongly recommended that the participating residencies be in the same institution.

To meet eligibility requirements for dual certification, the resident must satisfactorily complete 60 months of combined education, which must be verified by the directors of both programs. The written certifying examinations cannot be taken until required training in a specialty has been satisfactorily completed. The certifying examination in internal medicine cannot be taken prior to the fall of the fifth year in the combined program.

### **Internal Medicine/Psychiatry**

The American Board of Internal Medicine and the American Board of Psychiatry and Neurology offer dual certification in internal medicine and psychiatry. A combined residency must include at least 5 years of coherent education integral to residencies in the two disciplines. Participating residencies must be in the same institution.

To meet eligibility requirements for dual certification, the resident must satisfactorily complete 60 months of combined education, which must be verified by the directors of both programs. The written certifying examinations cannot be taken until all required years in both specialties are satisfactorily completed.

### **Neurology/Physical Medicine and Rehabilitation**

The American Board of Psychiatry and Neurology and the American Board of Physical Medicine and Rehabilitation offer dual certification in neurology and physical medicine and rehabilitation. A combined residency must include 5 years of combined education. This combined training must follow a year in a residency program that meets the requirements for neurology and should be completed in the same institution. All required years in both specialties must be satisfactorily completed prior to admission to the certifying examinations of each board.

### **Pediatrics/Emergency Medicine**

The American Board of Pediatrics and the American Board of Emergency Medicine offer dual certification for candidates who fulfill the requirements of both boards by completing joint training in 5 years. All 5 years should be completed in the same combined program; exceptions must be approved in advance by both boards. Applicants may not take the certifying examinations until all required years in both specialties have been completed.

### **Pediatrics/Physical Medicine and Rehabilitation**

The American Board of Pediatrics and the American Board of Physical Medicine and Rehabilitation permit applicants interested in pediatric rehabilitation to qualify for admission to the certifying examinations of both boards by completing a 5-year combined program. All 5 years should be completed at one academic institution; exceptions must be approved in advance by both boards.

Applicants may not take the certifying examinations until all required years in both specialties have been completed.

### **Pediatrics/Psychiatry/Child and Adolescent Psychiatry**

The American Board of Pediatrics, the American Board of Psychiatry and Neurology, Inc., and the Committee on Certification in Child and Adolescent Psychiatry have developed a committee that is overseeing training via a different format. This is a five year curriculum with 24 months of pediatrics, 18 months of adult psychiatry, and 18 months of child and adolescent psychiatry. Completion of the program will satisfy the training requirement for certification in all three areas. Applicants pursuing training in these programs may not take the certifying examinations until all training has been com-

pleted. Credit for training via this route may be obtained only by training in one of these programs.

### **Psychiatry/Neurology**

The American Board of Psychiatry and Neurology has established guidelines for combined training in Psychiatry and Neurology. A combined residency must include postgraduate year, one (PGY1) training that is acceptable to neurology plus a minimum of 5 years of combined residency training. The five years of residency training are usually taken at one approved institution but may be taken at no more than two approved institutions.

### **Surgery/Plastic Surgery**

Combined specialty programs in general surgery and plastic surgery operate in an integrated format whereby residents are matched directly into plastic surgery out of medical school; some plastic surgery rotations may be included during the first 3 years of general surgery. Upon completion of the combined program, physicians are eligible for certification by the American Board of Plastic Surgery.

# Internal Medicine/Emergency Medicine

## Delaware

### Wilmington

#### The Medical Center of Delaware Program

The Medical Center of Delaware

*Program Director:*

Charles L Reese IV, MD  
Medical Center of Delaware  
Wilmington Hospital  
Box 1668  
Wilmington, DE 19889  
302 428-2172

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 805-09-44-010**

## Illinois

### Chicago

#### University of Illinois College of Medicine at Chicago Program\*

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics

*Program Director:*

Craig A Rosenberg, MD  
Ste 1600  
M/C 722  
1740 W Taylor St  
Chicago, IL 60612  
312 996-4160

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 2)

**Program ID: 805-16-44-012**

## Indiana

### Indianapolis

#### Methodist Hospital of Indiana Program (Not recruiting for 1995)

Methodist Hospital of Indiana

*Program Director:*

Carey D Chisholm, MD  
Richard W Campbell, MD  
Methodist Hospital of Indiana  
Emergency Medicine and Trauma Ctr  
1701 N Senate Blvd  
Indianapolis, IN 46202  
317 929-3525

*Length:* 5 Year(s) *Total Positions:* 3 (GYI: 0)

**Program ID: 805-17-44-007**

## Louisiana

### New Orleans

#### Louisiana State University Medical Center Program\*

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division  
Medical Center of Louisiana University Hospital Campus

*Program Director:*

Steven Weiss, MD  
Charles W. Hilton, MD  
Louisiana State University Medical Center  
1542 Tulane Ave  
New Orleans, LA 70112-2822

*Length:* 5 Year(s)

**Program ID: 805-21-44-015**

## Maryland

### Baltimore

#### University of Maryland Program\*

University of Maryland Medical System  
Mercy Medical Center

*Program Director:*

Jonathan Olshaker, MD  
University of Maryland School of Medicine  
22 S Green St Rm N3E10  
Baltimore, MD 21201-1595

*Length:* 5 Year(s)

**Program ID: 805-23-44-014**

## Michigan

### Detroit

#### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Bruce M Thompson, MD  
Internal Medicine/Emergency Medicine  
Henry Ford Hospital  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-1552

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 805-25-44-003**

#### Wayne State University Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Harper Hospital

*Program Director:*

Brooks F Bock, MD  
Detroit Receiving Hospital  
University Health Center  
4201 St Antoine  
Detroit, MI 48201-2194  
313 745-3330

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 805-25-44-004**

## New York

### New Hyde Park

#### Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Long Island Jewish Medical Center

*Program Director:*

Kumar Alagappan, MD  
Joseph LaMantia, MD  
Long Island Jewish Medical Center  
270-05 76th Ave  
New Hyde Park, NY 11042  
718 470-7501

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 805-35-44-011**

## New York

### Beth Israel Medical Center Program

Beth Israel Medical Center  
Mount Sinai Medical Center

*Program Director:*

Adrienne M Fleckman, MD  
Kai M Sturmman, MD  
Beth Israel Medical Center  
Dept of Medicine  
First Ave at 16th St  
New York, NY 10003  
212 420-4012

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 805-35-44-005**

## Pennsylvania

### Pittsburgh

#### Allegheny General Hospital/Medical College of Pennsylvania Program

Allegheny General Hospital

*Program Director:*

Marcus L Martin, MD  
Mary Louise Kundrat, MD  
Dept of Emergency Medicine  
Allegheny General Hospital  
320 E North Ave  
Pittsburgh, PA 15212-9986  
412 359-4905

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 805-41-44-006**

\* Updated information not provided.

## Internal Medicine/Neurology

### California

#### Los Angeles

##### University of Southern California School of Medicine Program\*

Los Angeles County-USC Medical Center

*Program Director:*

Leslie P Weiner, MD

Richard L Tanner, MD

Univ of Southern California School of Medicine

1510 San Pablo St Ste 646

Los Angeles, CA 90033

*Length:* 5 Year(s)

**Program ID: 845-05-44-006**

### Louisiana

#### New Orleans

##### Tulane University Medical Center Program\*

Tulane University School of Medicine

Medical Center of Louisiana at New Orleans-Tulane  
Division

Tulane University Hospital and Clinics

Veterans Affairs Medical Center-Tulane Service (New  
Orleans)

*Program Director:*

William C Steinmann, MD

Debra G Elliott, MD

Tulane University Med Ctr

Dept of Med SL16

1430 Tulane Ave

New Orleans, LA 70112-2699

*Length:* 5 Year(s)

**Program ID: 845-21-44-005**

### New York

#### Buffalo

##### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

Erie County Medical Center

Buffalo General Hospital

*Program Director:*

Michael E Cohen, MD

James P Nolan, MD

State University of New York at Buffalo

School of Medicine

219 Bryant St

Buffalo, NY 14222

716 898-4814

*Length:* 5 Year(s)

**Program ID: 845-35-44-001**

### Stony Brook

##### SUNY at Stony Brook Program\*

University Hospital-SUNY at Stony Brook  
Veterans Affairs Medical Center (Northport)

*Program Director:*

Douglas L Brand, MD

James N Davis, MD

SUNY at Stony Brook School of Medicine

Health Science Center

Stony Brook, NY 11794-8121

516 444-3650

*Length:* 5 Year(s)

**Program ID: 845-35-44-004**

### North Carolina

#### Durham

##### Duke University Program

Duke University Medical Center

Veterans Affairs Medical Center (Durham)

*Program Director:*

Joel C Morgenlander, MD

Ralph Corey MD

Duke University Medical Center

Dept of Neurology

PO Box 3394

Durham, NC 27710

919 684-6887

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 2)

**Program ID: 845-36-44-003**

### Texas

#### Galveston

##### The University of Texas Medical Branch at Galveston Program

The University of Texas Medical Branch at Galveston

*Program Director:*

John R Calverley, MD

Thomas A Blackwell, MD

The University of Texas Medical Branch at Galveston

Rm 9.128

Galveston, TX 77555-0539

**Program ID: 845-48-44-007**

### West Virginia

#### Morgantown

##### West Virginia University School of Medicine Program

West Virginia University Hospitals

*Program Director:*

Rashida A Khakoo, MD

Ludwig Gutmann, MD

West Virginia University School of Medicine

Health Sciences Center North

Department of Medicine

Morgantown, WV 26506-9168

304 293-4121

*Length:* 5 Year(s) *Total Positions:* 1 (GYI: 1)

**Program ID: 845-55-44-002**

## Internal Medicine/Pediatrics

### Alabama

#### Mobile

##### University of South Alabama Program

University of South Alabama Medical Center

*Program Director:*

Franklin Trimun, MD

Richard D deShazo, MD

Univ of South Alabama

1504 Springhill Avenue

Mobile, AL 36604

205 434-3961

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 2)

**Program ID: 800-01-44-085**

### Arizona

#### Phoenix

##### Maricopa Medical Center Program

Maricopa Medical Center

Phoenix Children's Hospital

*Program Director:*

David B Wisinger, MD

Mary Rimsza, MD

Maricopa Medical Center Dept of Medicine

2601 E Roosevelt

Phoenix, AZ 85008

602 267-5892

*Length:* 4 Year(s) *Total Positions:* 2 (GYI: 2)

**Program ID: 800-03-44-094**

##### Phoenix Hospitals Program

Good Samaritan Regional Medical Center

Maricopa Medical Center

Phoenix Children's Hospital

*Program Director:*

Paul S Charnetsky, MD

Good Samaritan Regional Medical Center

Dept of Medicine

1111 E McDowell Rd

Phoenix, AZ 85006

602 239-5822

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 6)

**Program ID: 800-03-44-001**

### Arkansas

#### Little Rock

##### University of Arkansas for Medical Sciences Program

University Hospital of Arkansas

Arkansas Children's Hospital

John L McClellan Memorial Veterans Hospital

*Program Director:*

Robert W Bradsher Jr, MD

Robert H Fiser, MD

Univ of Arkansas for Med Sciences

4301 W Markham

Medicine H/S Office Slot 634

Little Rock, AR 72205-7199

501 686-5162

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 3)

**Program ID: 800-04-44-002**

\* Updated information not provided.

## California

### Loma Linda

#### Loma Linda University Program

Loma Linda University Medical Center  
 Jerry L Pettis Memorial Veterans Hospital  
 Loma Linda University Community Hospital  
 Riverside General Hospital-University Medical Center

*Program Director:*

Roy V Jutzy, MD  
 Richard Chinnock, MD  
 Loma Linda University Medical Center  
 Int Med/Peds Combined Program  
 PO Box 2000  
 Loma Linda, CA 92354

909 824-4636

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 800-05-44-003**

### Los Angeles

#### Cedars-Sinai Medical Center Program

Cedars-Sinai Medical Center

*Program Director:*

Lee T Miller, MD  
 Cedars-Sinai Medical Center Program  
 Medicine/Pediatric Combined Pgm  
 8700 Beverly Blvd Rm 4310  
 Los Angeles, CA 90048-1869  
 310 855-4487

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 4)

**Program ID: 800-05-44-004**

#### Los Angeles County-USC Medical Center Program

Los Angeles County-USC Medical Center

*Program Director:*

Lawrence M Opas, MD  
 Larry Leichman, MD  
 Los Angeles County+USC Medical Center  
 Women's & Children's Hospital  
 1240 N Mission Rd Rm L-916  
 Los Angeles, CA 90033-1084  
 213 226-3691

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 8)

**Program ID: 800-05-44-005**

### San Diego

#### University of California (San Diego) Medical Center Program

University of California (San Diego) Medical Center

*Program Director:*

Richard E Besser, MD  
 Shawn Harranty, MD  
 USCD Medical Center  
 Dept of Pediatrics  
 200 W Arbor Dr  
 San Diego, CA 92103-8454  
 619 543-5881

*Total Positions:* 2 (GYI: 2)

**Program ID: 800-05-44-099**

#### University of California (San Diego) Program\*

University of California (San Diego) Medical Center

*Program Director:*

Shawn Harranty, MD  
 Sherilyn Smith, MD  
 200 W Arbor Dr  
 San Diego, CA 92103

*Length:* 4 Year(s)

**Program ID: 800-05-44-100**

## Connecticut

### Bridgeport

#### Yale University (Bridgeport) Program

Bridgeport Hospital

*Program Director:*

Michael J Smith, MD  
 Bridgeport Hospital  
 267 Grant St  
 Bridgeport, CT 06610-2870  
 203 384-3495

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

**Program ID: 800-08-44-008**

## Delaware

### Wilmington

#### The Medical Center of Delaware Program

The Medical Center of Delaware

*Program Director:*

Louis E Bartoszesky, MD MPH  
 Virginia U Collier, MD  
 The Medical Center of Delaware  
 Dept of Pediatrics  
 PO Box 6001  
 Newark, DE 19718  
 302 733-4371

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 800-09-44-009**

## Florida

### Gainesville

#### University of Florida Program\*

University of Florida College of Medicine  
 Shands Hospital at the University of Florida

*Program Director:*

Craig S Kitchens, MD  
 Joel M Andres, MD  
 Univ of Florida Health Science Center  
 Dept of Medicine  
 PO Box 100277  
 Gainesville, FL 32610-0277

*Length:* 4 Year(s)

**Program ID: 800-11-44-107**

### Miami

#### University of Miami-Jackson Memorial Medical Center Program

University of Miami-Jackson Memorial Medical Center  
 Veterans Affairs Medical Center (Miami)

*Program Director:*

Mark A Gelbard, MD  
 R Rodney Howell, MD  
 Jackson Memorial Hospital Dept of Internal Medicine  
 1611 NW 12th Ave  
 Miami, FL 33136  
 305 585-6338

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 4)

**Program ID: 800-11-44-086**

## Illinois

### Chicago

#### Cook County Hospital Program\*

Cook County Hospital

*Program Director:*

Maurice Lemon, MD  
 Phillip Ziring, MD  
 Cook County Hospital  
 1835 W Harrison St  
 Chicago, IL 60612  
 312 633-6702

*Length:* 4 Year(s) *Total Positions:* 142 (GYI: 68)

**Program ID: 800-16-44-011**

#### Rush-Presbyterian-St Luke's Medical Center Program\*

Rush-Presbyterian-St Luke's Medical Center

*Program Director:*

Richard I Abrams, MD  
 Samuel Gotoff, MD  
 Dept of Internal Medicine  
 Rush-Presbyterian-St Luke's Med Ctr  
 1653 W Congress Pkwy  
 Chicago, IL 60612-3833

*Length:* 4 Year(s)

**Program ID: 800-16-44-103**

#### University of Chicago Program

University of Chicago Hospitals  
 Mercy Hospital and Medical Center  
 Wylar Children's Hospital at the University of Chicago

*Program Director:*

Eva Waite, MD  
 University of Chicago Hospitals and Clinics  
 5841 S Maryland, MC1057  
 Chicago, IL 60637-1470  
 312 702-4592

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

**Program ID: 800-16-44-012**

#### University of Illinois Program\*

University of Illinois College of Medicine at Chicago  
 Michael Reese Hospital and Medical Center  
 University of Illinois Hospital and Clinics  
 Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Gail D Williamson, MD  
 University of Illinois Medical Center  
 840 S Wood St, M/C 787  
 Chicago, IL 60612  
 312 996-7704

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 4)

**Program ID: 800-16-44-013**

### Maywood

#### Loyola University Program

Foster G McGaw Hospital-Loyola University of Chicago

*Program Director:*

Robert C Lichtenberg, MD  
 Marion H Brooks, MD  
 Foster G McGaw Hospital  
 2160 S First Ave  
 Maywood, IL 60153  
 708 216-5838

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 4)

**Program ID: 800-16-44-014**

\* Updated information not provided.

**Peoria**

**University of Illinois College of Medicine at Peoria Program**

St Francis Medical Center

*Program Director:*

Richard L Horndasch, MD  
University of Illinois College of Medicine at Peoria  
Saint Francis Medical Center  
530 NE Glen Oak  
Peoria, IL 61637  
800 599-7337

*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 6)  
**Program ID: 800-16-44-015**

**Springfield**

**Southern Illinois University Program**

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

David E Steward, MD  
Randy A Kienstra, MD  
Southern Illinois University School of Medicine  
PO Box 19230  
Springfield, IL 62794-9230  
217 782-0193

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 4)  
**Program ID: 800-16-44-016**

**Indiana**

**Indianapolis**

**Indiana University Medical Center Program**

Indiana University Medical Center  
Richard L Roudebush Veterans Affairs Medical Center  
William N Wishard Memorial Hospital

*Program Director:*

Richard L Schreiner, MD  
D Craig Brater, MD  
Riley Hospital for Children  
702 Barnhill Dr, Rm 5800  
Indianapolis, IN 46202-5225  
317 274-7810

*Length:* 4 Year(s) *Total Positions:* 32 (GYI: 10)  
**Program ID: 800-17-44-018**

**Methodist Hospital of Indiana Program**

Methodist Hospital of Indiana

*Program Director:*

Richard W Campbell, MD  
Charlene E Graves, MD  
Methodist Hospital of Indiana  
1-65 at 21st St  
PO Box 1367  
Indianapolis, IN 46206-1367  
317 929-8556

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 3)  
**Program ID: 800-17-44-017**

**Kansas**

**Kansas City**

**University of Kansas Medical Center Program**

University of Kansas School of Medicine  
University of Kansas Medical Center

*Program Director:*

Norton J Greenberger, MD  
Tribhawan S Vats, MD  
University of Kansas Medical Center  
Department of Medicine  
3901 Rainbow Blvd  
Kansas City, KS 66160-7350  
913 588-6050

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 6)  
**Program ID: 800-19-44-087**

**Kentucky**

**Lexington**

**University of Kentucky Medical Center Program**

University Hospital-Albert B Chandler Medical Center  
Veterans Affairs Medical Center (Lexington)

*Program Director:*

Robert Broughton, MD  
Robert W Lightfoot Jr, MD  
University Of Kentucky Medical Center  
Kentucky Clinic Med/Peds Program  
Office of Education J511  
Lexington, KY 40536-0284  
606 323-1003

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 6)  
**Program ID: 800-20-44-019**

**Louisville**

**University of Louisville Program**

University of Louisville School of Medicine  
Kosair Children's Hospital (Alliant Health System)  
University of Louisville Hospital  
Veterans Affairs Medical Center (Louisville)

*Program Director:*

Charlene K Mitchell, MD  
University of Louisville  
School of Medicine  
Dept of Medicine  
Louisville, KY 40292  
502 852-7932

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID: 800-20-44-020**

**Louisiana**

**New Orleans**

**Louisiana State University Program**

Louisiana State University School of Medicine  
Childrens Hospital  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Charles Hilton, MD  
LSU School of Medicine  
1542 Tulane Ave  
New Orleans, LA 70112  
504 568-4600

*Length:* 4 Year(s) *Total Positions:* 37 (GYI: 13)  
**Program ID: 800-21-44-022**

**Tulane University Program**

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

John E Lewy, MD  
Tulane University School of Medicine  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 588-5456

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID: 800-21-44-023**

**Shreveport**

**Louisiana State University (Shreveport) Program**

Louisiana State University Medical Center-Shreveport

*Program Director:*

Joseph A Bocchini Jr, MD  
Louisiana State University Med Ctr  
PO Box 33932  
Shreveport, LA 71130-3932  
*Total Positions:* 1 (GYI: 1)  
**Program ID: 800-21-44-101**

**Maryland**

**Baltimore**

**University of Maryland Program**

University of Maryland Medical System

*Program Director:*

Susan D Wolfsthal, MD  
Carol Carraccio, MD  
University of Maryland Dept of Medicine  
22 S Greene St, Rm N3E09  
Baltimore, MD 21201-1595  
410 328-2388

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 2)  
**Program ID: 800-23-44-095**

**Massachusetts**

**Boston**

**Brigham and Women's Hospital Program\***

Brigham and Women's Hospital  
Brockton-West Roxbury Veterans Affairs Medical Center

*Program Director:*

Marshall A Wolf, MD  
David Nathan, MD  
Brigham and Women's Hospital  
75 Francis St  
Boston, MA 02115

*Length:* 4 Year(s)  
**Program ID: 800-24-44-106**

**Massachusetts General Hospital Program\***

Massachusetts General Hospital

*Program Director:*

Laurence J Ronan, MD  
Massachusetts General Hospital  
Children's Service  
Fruit St  
Boston, MA 02114  
617 726-2900

*Length:* 4 Year(s) *Total Positions:* 0  
**Program ID: 800-24-44-084**

\* Updated information not provided.

**Springfield**

**Baystate Medical Center Program**

Baystate Medical Center

*Program Director:*

Samuel H Borden, MD  
Baystate Medical Center  
759 Chestnut St  
Springfield, MA 01189  
800 959-4235

*Length:* 4 Year(s) *Total Positions:* 28 (GYI: 8)  
**Program ID:** 800-24-44-024

**Michigan**

**Ann Arbor**

**University of Michigan Program 1**

University of Michigan Hospitals  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

Tadataka Yamada, MD  
University Hospital  
3110 Taubman Ctr, Box 0368  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0368  
313 936-4495

*Length:* 4 Year(s) *Total Positions:* 15 (GYI: 4)  
**Program ID:** 800-25-44-025

**University of Michigan Program 2**

University of Michigan Hospitals  
St Joseph Mercy Hospital (Catherine McAuley Health System)

*Program Director:*

Wallace C Christy, MD  
Ste 4015 RHB  
5333 McAuley Dr  
Ypsilanti, MI 48197  
313 572-5430

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 3)  
**Program ID:** 800-25-44-026

**Detroit**

**St John Hospital and Medical Center Program**

St John Hospital and Medical Center

*Program Director:*

Thomas S Piazza, MD  
St John Hospital and Medical Center  
Department of Medical Education  
22101 Moross Rd  
Detroit, MI 48236  
313 343-3875

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 800-25-44-028

**Wayne State University Program**

Children's Hospital of Michigan  
Detroit Receiving Hospital and University Health Center  
Grace Hospital  
Hutzel Hospital  
Veterans Affairs Medical Center (Allen Park)

*Program Director:*

Howard Schubiner, MD  
Wayne State University Hospitals  
4201 St Antoine  
UHC 5C  
Detroit, MI 48201-2196  
313 577-5026

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 7)  
**Program ID:** 800-25-44-029

**East Lansing**

**Michigan State University Program**

Michigan State University College of Human Medicine  
Michigan State University Clinical Center  
Sparrow Hospital  
St Lawrence Hospital and HealthCare Services

*Program Director:*

Patrick C Alguire, MD  
B301 Clinical Center  
Michigan State University  
East Lansing, MI 48824-1315  
517 353-5100

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID:** 800-25-44-088

**Flint**

**Hurley Medical Center Program**

Hurley Medical Center

*Program Director:*

Melissa Hamp, MD  
One Hurley Plaza  
Flint, MI 48503-5993  
810 257-9283

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 800-25-44-030

**Grand Rapids**

**Butterworth Hospital/Michigan State University Program**

Butterworth Hospital

*Program Director:*

Richard A Switzer, MD  
Butterworth Hospital  
21 Michigan St NE, Ste 430  
Grand Rapids, MI 49503  
616 732-3775

*Total Positions:* 16 (GYI: 4)  
**Program ID:** 800-25-44-098

**Kalamazoo**

**Michigan State University Kalamazoo Center for Medical Studies Program**

Kalamazoo Center for Medical Studies  
Bronson Methodist Hospital

*Program Director:*

Thomas Melgar, MD  
Michigan State University  
Kalamazoo Ctr for Medical Studies  
1000 Oakland Dr  
Kalamazoo, MI 49008  
616 337-6353

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 800-25-44-089

**Pontiac**

**St Joseph Mercy Hospital Program**

St Joseph Mercy Community HealthCare System

*Program Director:*

Bernard Bercu, MD  
Bahman Joorabchi, MD  
St Joseph Mercy Hospital  
900 Woodward Ave  
Pontiac, MI 48341-2985  
313 858-3231

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 800-25-44-032

**Royal Oak**

**William Beaumont Hospital Program**

William Beaumont Hospital

*Program Director:*

Jeffrey D Haller, MD  
William Beaumont Hospital  
3601 W 13 Mile Rd  
Royal Oak, MI 48073-6769  
810 551-4469

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID:** 800-25-44-033

**Minnesota**

**Minneapolis**

**University of Minnesota Program**

University of Minnesota Hospital and Clinic  
Children's Health Care-Minneapolis  
Children's Health Care-St Paul  
Hennepin County Medical Center  
St Paul-Ramsey Medical Center  
Veterans Affairs Medical Center (Minneapolis)

*Program Director:*

Michael Shannon, MD  
Terese M Collins, MD  
Medicine/Pediatrics Residency Program  
Box 391  
420 Delaware St SE  
Minneapolis, MN 55455  
612 624-0990

*Length:* 4 Year(s) *Total Positions:* 31 (GYI: 18)  
**Program ID:** 800-26-44-034

**Mississippi**

**Jackson**

**University of Mississippi Program**

University Hospital

*Program Director:*

Stephanie L Elkins, MD  
University of Mississippi Medical Center  
2500 N State St  
Jackson, MS 39216-4505  
601 984-5615

*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 2)  
**Program ID:** 800-27-44-035

**Missouri**

**Kansas City**

**University of Missouri-Kansas City School of Medicine Program**

Children's Mercy Hospital  
St Luke's Hospital  
Truman Medical Center-East

*Program Director:*

Sharon M Heimes, MD  
George Reisz, MD  
University of Missouri-Kansas City School of Medicine  
Combined Int Med/Pediatrics  
2411 Holmes  
Kansas City, MO 64108  
816 881-6212

*Length:* 4 Year(s) *Total Positions:* 11 (GYI: 4)  
**Program ID:** 800-28-44-036

\* Updated information not provided.

## St Louis

### St Louis University Group of Hospitals Program

St Louis University School of Medicine  
Cardinal Glennon Children's Hospital  
St Louis University Hospital  
St Mary's Health Center  
Veterans Affairs Medical Center (St Louis)

*Program Director:*

Coy D Fitch, MD  
St Louis University Hospital  
1402 S Grand Blvd  
St Louis, MO 63104  
314 577-8760

*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)  
*Program ID:* 800-28-44-037

## Nebraska

### Omaha

#### Creighton University Program

AMI St Joseph Hospital at Creighton Univ Medical Center  
Boys Town National Research Hospital  
Childrens Memorial Hospital  
Veterans Affairs Medical Center (Omaha)

*Program Director:*

George O Clifford, MD  
Michael H Hart, MD  
Creighton University  
601 N 30th St  
Ste 5850  
Omaha, NE 68131  
402 280-4696

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 800-30-44-038

## New Jersey

### Camden

#### Cooper Hospital/University Medical Center Program

Cooper Hospital-University Medical Center

*Program Director:*

Glenn C Newell, MD  
Cooper Hospital/University Medical Center  
Three Cooper Plaza Ste 220  
Camden, NJ 08103  
609 342-2453

*Length:* 4 Year(s) *Total Positions:* 49 (GYI: 20)  
*Program ID:* 800-33-44-102

### Morristown

#### Morristown Memorial Hospital Program

Morristown Memorial Hospital

*Program Director:*

Kathy R Kerr, MD  
Morristown Memorial Hospital  
100 Madison Ave  
PO Box 1956  
Morristown, NJ 07962-1956  
201 971-5136

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 2)  
*Program ID:* 800-33-44-039

## Newark

### Newark Beth Israel Medical Center/Seton Hall University Program B

Newark Beth Israel Medical Center  
Elizabeth General Medical Center  
St Michael's Medical Center (Cathedral Health Services Inc)

*Program Director:*

Jules A Titelbaum, MD  
Leon Smith, MD  
Newark Beth Israel Medical Center  
201 Lyons Ave  
Newark, NJ 07112  
201 926-7040

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 6)  
*Program ID:* 800-33-44-041

### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Children's Hospital of New Jersey  
Dept of Veterans Affairs Medical Center (East Orange)  
Newark Beth Israel Medical Center  
UMDNJ-University Hospital

*Program Director:*

George M Lordi, MD  
Susan Mautone, MD  
University Hospital  
150 Bergen St  
Newark, NJ 07103  
201 982-6056

*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 1)  
*Program ID:* 800-33-44-040

### Paterson

#### Seton Hall University School of Graduate Medical Education Program A

St Joseph's Hospital and Medical Center

*Program Director:*

Naipaul Rambaran, MD  
St Joseph's Hospital and Medical Center  
Community Medicine Department  
703 Main St  
Paterson, NJ 07503  
201 977-2632

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 2)  
*Program ID:* 800-33-44-042

## New York

### Albany

#### Albany Medical Center Program

Albany Medical Center Hospital  
Ellis Hospital  
St Peter's Hospital  
Veterans Affairs Medical Center (Albany)

*Program Director:*

Paul Sorum, MD  
William Feeney, MD  
Albany Medical Center A-88  
Dept of Pediatrics  
47 New Scotland Ave  
Albany, NY 12208-3479  
518 262-5626

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
*Program ID:* 800-35-44-044

## Brooklyn

### Brookdale Hospital Medical Center Program

Brookdale Hospital Medical Center

*Program Director:*

Ira W Reiser, MD  
T W Avruskin, MD  
Brookdale Hospital Medical Center  
One Brookdale Plaza  
Brooklyn, NY 11212  
718 240-6202

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 2)  
*Program ID:* 800-35-44-045

### SUNY Health Science Center at Brooklyn Program\*

University Hospital-SUNY Health Science Center at Brooklyn

Kings County Hospital Center  
Veterans Affairs Medical Center (Brooklyn)

*Program Director:*

Stephen Kamholz, MD  
SUNY Health Science Center at Brooklyn  
Children's Medical Center  
450 Clarkson Ave, Box 49  
Brooklyn, NY 11203  
718 270-1625

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
*Program ID:* 800-35-44-048

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

Children's Hospital of Buffalo  
Buffalo General Hospital  
Erie County Medical Center  
Veterans Affairs Medical Center (Buffalo)

*Program Director:*

Margaret McAloon, MD  
102 Cary Hall  
3435 Main St  
Buffalo, NY 14214  
716 829-2890

*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 3)  
*Program ID:* 800-35-44-049

### New York

#### Mount Sinai School of Medicine Program

Mount Sinai School of Medicine  
Elmhurst Hospital Center-Mount Sinai Services  
Englewood Hospital  
Mount Sinai Medical Center  
Veterans Affairs Medical Center (Manhattan)

*Program Director:*

Lawrence G Smith, MD  
Scott H Barnett, MD  
Mount Sinai Hospital  
One Gustave L Levy Pl  
Box 1118  
New York, NY 10029  
212 241-5484

*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 4)  
*Program ID:* 800-35-44-105

#### New York Medical College Program A\*

Metropolitan Hospital Center

*Program Director:*

Javier Lugo, MD  
Eileen Sacharski, MD  
Metropolitan Hospital Center  
1901 First Ave  
New York, NY 10029

*Length:* 4 Year(s) *Total Positions:* 0  
*Program ID:* 800-35-44-051

\* Updated information not provided.

**St Vincent's Hospital and Medical Center of New York Program**

St Vincent's Hospital and Medical Center of New York  
*Program Director:*  
 Eric C Rackow, MD  
 Peter R Scaglione, MD  
 St Vincent's Hospital and Medical Center of New York  
 153 W 11th St  
 New York, NY 10011  
 212 604-8300  
*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 3)  
**Program ID: 800-35-44-082**

**Rochester**

**University of Rochester Combined Internal Medicine/Pediatrics Program**

Strong Memorial Hospital of the University of Rochester  
 Genesee Hospital  
 Rochester General Hospital  
*Program Director:*  
 Barbara L Schuster, MD  
 John Brooks, MD  
 Strong Memorial Hospital  
 601 Elmwood Ave, Box 702  
 Rochester, NY 14642-8702  
 716 276-5427  
*Length:* 4 Year(s) *Total Positions:* 17 (GYI: 4)  
**Program ID: 800-35-44-054**

**Stony Brook**

**SUNY at Stony Brook Program**

University Hospital-SUNY at Stony Brook  
*Program Director:*  
 Douglas L Brand, MD  
 Sharon Inkeles, MD  
 University at Stony Brook  
 School of Medicine  
 HSC T-16 Rm 020  
 Stony Brook, NY 11794-8160  
 516 444-2065  
*Length:* 4 Year(s) *Total Positions:* 4 (GYI: 2)  
**Program ID: 800-35-44-093**

**North Carolina**

**Chapel Hill**

**University of North Carolina Hospitals Program**

University of North Carolina Hospitals  
*Program Director:*  
 Carole Lannon, MD  
 UNC School of Medicine  
 Old Clinic Bldg CB#7593  
 Chapel Hill, NC 27599-7593  
 919 866-3172  
*Length:* 4 Year(s) *Total Positions:* 22 (GYI: 6)  
**Program ID: 800-36-44-055**

**Durham**

**Duke University Program**

Duke University Medical Center  
 Veterans Affairs Medical Center (Durham)  
*Program Director:*  
 G Ralph Corey, MD  
 Duke University Medical Center  
 Box 3013  
 Durham, NC 27710  
 919 684-3165  
*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID: 800-36-44-056**

**Greenville**

**East Carolina University Program**

Pitt County Memorial Hospital  
*Program Director:*  
 Dale A Newton, MD  
 Dept of Pediatrics  
 3E-139 Brody Medical Sciences Bldg  
 Greenville, NC 27858-4354  
 919 816-3041  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 3)  
**Program ID: 800-36-44-057**

**Ohio**

**Akron**

**Akron General Medical Center/Children's Hospital Medical Center Program**

Akron General Medical Center  
 Children's Hospital Medical Center of Akron  
*Program Director:*  
 Joseph P Myers, MD  
 John D Kramer, MD  
 Akron General Medical Center  
 400 Wabash Ave  
 Akron, OH 44307  
 216 384-6140  
*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID: 800-38-44-058**

**Children's Hospital Medical Center/St Thomas Hospital Medical Center Program**

Children's Hospital Medical Center of Akron  
 St Thomas Hospital (Summa Health System)  
*Program Director:*  
 Ranendra L Dasvarma, MD  
 John D Kramer, MD  
 St Thomas Hospital Medical Center  
 444 N Main St  
 Akron, OH 44310  
 216 379-5045  
*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 2)  
**Program ID: 800-38-44-059**

**Cincinnati**

**University of Cincinnati Hospital Group Program**

University of Cincinnati Hospital  
*Program Director:*  
 Gregory W Rouan, MD  
 Michael K Farrell, MD  
 Univ of Cincinnati Med Ctr  
 231 Bethesda Ave  
 Cincinnati, OH 45267-0557  
 513 558-2590  
*Length:* 4 Year(s) *Total Positions:* 21 (GYI: 7)  
**Program ID: 800-38-44-082**

**Cleveland**

**Cleveland Clinic Foundation Program**

Cleveland Clinic Foundation  
*Program Director:*  
 Susan J Rehm, MD  
 Michael J McHugh, MD  
 Cleveland Clinic Foundation  
 Dept of Int Medicine/Pediatrics  
 9500 Euclid Ave TT32  
 Cleveland, OH 44195-5242  
 216 444-5690  
*Length:* 4 Year(s) *Total Positions:* 13 (GYI: 4)  
**Program ID: 800-38-44-060**

**MetroHealth Medical Center Program**

MetroHealth Medical Center  
*Program Director:*  
 Rita M Konfala, MD  
 Metrohealth Medical Center  
 Dept of Medicine/Pediatrics  
 2500 MetroHealth Dr  
 Cleveland, OH 44109-1898  
 216 459-3162  
*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID: 800-38-44-061**

**Columbus**

**Ohio State University Program**

Ohio State University Medical Center  
 Children's Hospital  
*Program Director:*  
 Dwight A Powell, MD  
 Robert Murden, MD  
 Children's Hospital  
 IM/Peds Residency Program ED-577  
 700 Children's Dr  
 Columbus, OH 43205  
 614 722-4450  
*Length:* 4 Year(s) *Total Positions:* 6 (GYI: 6)  
**Program ID: 800-38-44-063**

**Dayton**

**Wright State University Program**

Children's Medical Center  
 Good Samaritan Hospital and Health Center  
 Miami Valley Hospital  
 USAF Medical Center (Wright-Patterson)  
 Veterans Affairs Medical Center (Dayton)  
*Program Director:*  
 Gary M Onady, MD PhD  
 Wright State University  
 Dept of Internal Medicine  
 PO Box 927  
 Dayton, OH 45401-0927  
 513 220-2010  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID: 800-38-44-064**

**Toledo**

**Medical College of Ohio at Toledo Program**

Medical College of Ohio Hospital  
 St Vincent Medical Center  
 Toledo Hospital  
*Program Director:*  
 Donald T Wasik, MD  
 Patrick J Mulrow, MD  
 Medical College of Ohio  
 PO Box 10008  
 Toledo, OH 43699-0008  
 419 381-5264  
*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 4)  
**Program ID: 800-38-44-065**

\* Updated information not provided.



## Youngstown

### Western Reserve Care System/NEOUCOM Program

Tod Children's Hospital  
Northside Medical Center  
Southside Medical Center

*Program Director:*

Harvey Eisenberg, MD  
Kurt Wegner, MD  
Western Reserve Care System  
345 Oak Hill Ave  
Youngstown, OH 44501-0990  
216 740-4706

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID: 800-98-44-066**

## Oklahoma

### Oklahoma City

#### University of Oklahoma Health Sciences Center Program

University Hospital and Clinics  
Children's Hospital of Oklahoma

*Program Director:*

Elizabeth Taylor-Albert, MD  
University of Oklahoma College of Medicine  
Children's Hospital of Oklahoma  
PO Box 26901, 4N-207  
Oklahoma City, OK 73190  
405 271-6372

*Length:* 4 Year(s) *Total Positions:* 18 (GYI: 4)  
**Program ID: 800-39-44-090**

### Tulsa

#### University of Oklahoma College of Medicine-Tulsa Program

University of Oklahoma College of Medicine-Tulsa  
Hillcrest Medical Center  
St Francis Hospital  
St John Medical Center  
Veterans Affairs Medical Center (Muskogee)

*Program Director:*

Daniel C Plunket, MD  
Michael Weisz, MD  
University of Oklahoma College of Medicine-Tulsa  
Dept of Pediatrics  
2808 S Sheridan Rd  
Tulsa, OK 74129-1077  
918 838-4726

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID: 800-39-44-067**

## Pennsylvania

### Danville

#### Geisinger Medical Center Program

Geisinger Medical Center

*Program Director:*

Mark Speake, MD  
Geisinger Medical Center  
Danville, PA 17822  
717 271-6787

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID: 800-41-44-068**

## Hershey

### Milton S Hershey Medical Center of The Pennsylvania State University Program

Penn State University Hospital-Milton S Hershey Med Ctr

*Program Director:*

Barbara Ostrov, MD  
Milton S Hershey Medical Center  
PO Box 850 University Dr  
Hershey, PA 17033  
717 531-8882

*Length:* 4 Year(s) *Total Positions:* 10 (GYI: 4)  
**Program ID: 800-41-44-081**

## Tennessee

### Johnson City

#### East Tennessee State University Program

James H Quillen College of Medicine

*Program Director:*

Steven L Berk, MD  
Festus O Adebonojo, MD  
Dept of Internal Medicine  
East Tennessee State University  
Box 70622

Johnson City, TN 37614-0622  
615 929-6282  
*Length:* 4 Year(s) *Total Positions:* 5 (GYI: 2)  
**Program ID: 800-47-44-092**

## Memphis

#### University of Tennessee Program\*

University of Tennessee College of Medicine  
LeBonheur Children's Medical Center  
Regional Medical Center at Memphis  
St Jude Children's Research Hospital  
University of Tennessee Medical Center  
Veterans Affairs Medical Center (Memphis)

*Program Director:*

Michael S Bronze, MD  
University of Tennessee Memphis  
956 Court Ave D334  
Memphis, TN 38163  
901 528-5814

*Length:* 4 Year(s) *Total Positions:* 35 (GYI: 12)  
**Program ID: 800-47-44-071**

## Nashville

#### Vanderbilt University Program

Vanderbilt University Medical Center  
Metropolitan Nashville General Hospital  
Veterans Affairs Medical Center (Nashville)

*Program Director:*

John M Leonard, MD  
Ian M Burr, MD  
Vanderbilt University Medical Center  
D-3100 Med Ctr N  
Nashville, TN 37232-2358  
615 322-2036

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)  
**Program ID: 800-47-44-070**

## Texas

### El Paso

#### William Beaumont Army Medical Center Program

William Beaumont Army Medical Center

*Program Director:*

Ronald D Szyjkowski, MD  
Dept of Managed Care  
William Beaumont Army Med Ctr  
El Paso, TX 79920-5001  
915 669-1565

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)  
**Program ID: 800-48-44-073**

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine  
Harris County Hospital District-Ben Taub General Hospital

*Program Director:*

Methodist Hospital  
St Luke's Episcopal Hospital  
Texas Children's Hospital  
Veterans Affairs Medical Center (Houston)

*Program Director:*

Edward C Lynch, MD  
Ralph Feigen, MD  
Baylor College of Medicine  
6565 Fannin Mail Station B-501  
Fondren-Brown Bldg.  
Houston, TX 77030-2707  
713 790-3217

*Length:* 4 Year(s) *Total Positions:* 19 (GYI: 6)  
**Program ID: 800-48-44-074**

#### University of Texas at Houston Program

University of Texas Medical School at Houston  
Hermann Children's Hospital at Houston  
Hermann Hospital  
St Joseph Hospital  
St Luke's Episcopal Hospital  
Texas Heart Institute  
University of Texas M D Anderson Cancer Center

*Program Director:*

Mark A Farnie, MD  
University of Texas Medical Center  
Dept of Internal Medicine  
MSB 1.150 6431 Fannin St  
Houston, TX 77030  
713 792-5991

*Length:* 4 Year(s) *Total Positions:* 29 (GYI: 10)  
**Program ID: 800-48-44-075**

### Odessa

#### Texas Tech University Program

Texas Tech University Health Sciences Center at Odessa

*Program Director:*

Alfred N Karickhoff, MD  
Texas Tech University Health Sciences Center  
Depts of Internal Med & Pediatrics  
800 W 4th St  
Odessa, TX 79763  
915 335-5270

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 8)  
**Program ID: 800-48-44-076**

\* Updated information not provided.

## Temple

### Texas A&M College of Medicine-Scott and White Program

Scott and White Memorial Hospital

*Program Director:*  
John K Blevins, MD

Susan P Nickel, MD  
Texas A&M-Scott and White Hospital  
Graduate Medical Education  
2401 S 31st St  
Temple, TX 76508-0001  
800 299-4463

*Length:* 4 Year(s) *Total Positions:* 9 (GYI: 3)

*Program ID:* 800-48-44-083

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center  
Primary Children's Medical Center  
Veterans Affairs Medical Center (Salt Lake City)

*Program Director:*

Barry M Stults, MD  
Lucy M Osborn, MD  
University of Utah Medical Center  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-7899

*Length:* 4 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 800-49-44-091

## Virginia

### Richmond

#### Medical College of Virginia Program\*

Medical College of Virginia Hospitals

*Program Director:*

Richard R Brookman, MD  
Craig B Kaplan, MD  
Medical College of Virginia  
Dept of Pediatrics  
MCV Box 151  
Richmond, VA 23298-0151  
804 786-9726

*Length:* 4 Year(s) *Total Positions:* 16 (GYI: 4)

*Program ID:* 800-51-44-077

## West Virginia

### Charleston

#### West Virginia University (Charleston Division) Program

Charleston Area Medical Center

*Program Director:*

Kathleen V Previll, MD  
Shawn A Chillag, MD  
WVU Health Sciences Center Charleston Division  
Dept of Pediatrics  
830 Pennsylvania Ave #104  
Charleston, WV 25302  
304 342-8272

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 800-55-44-078

## Huntington

### Marshall University School of Medicine Program

Marshall University School of Medicine  
St Mary's Hospital  
Veterans Affairs Medical Center (Huntington)

*Program Director:*

Kevin W Yingling, MD  
Collette Gushurst, MD  
Marshall University School of Medicine  
1801 6th Ave  
Huntington, WV 25701  
304 696-7242

*Length:* 4 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 800-55-44-079

## Morgantown

### West Virginia University Hospitals Program

West Virginia University Hospitals

*Program Director:*

William A Neal, MD  
West Virginia University Hospital  
Department of Pediatrics  
P O Box 9214 HSC N  
Morgantown, WV 26506-9214  
304 293-4451

*Length:* 4 Year(s) *Total Positions:* 7 (GYI: 4)

*Program ID:* 800-55-44-080

## Wisconsin

### Milwaukee

#### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

*Program Director:*

Andrew J Norton, MD  
Timothy R Schum, MD  
Department of Medicine  
Division of Educational Affairs  
8700 W Wisconsin Ave Box 147  
Milwaukee, WI 53226  
414 257-7853

*Length:* 4 Year(s) *Total Positions:* 12 (GYI: 4)

*Program ID:* 800-56-44-096

# Internal Medicine/Physical Medicine and Rehabilitation

## Illinois

### Chicago

#### University of Illinois College of Medicine at Chicago Program\*

University of Illinois College of Medicine at Chicago  
University of Illinois Hospital and Clinics  
Veterans Affairs Westside Medical Center (Chicago)

*Program Director:*

Baghwan Shahani, MD  
Constance Schwab, MD  
Univ of Illinois  
Dept of Medicine  
Box 6998  
Chicago, IL 60680

*Length:* 5 Year(s)

*Program ID:* 810-16-44-014

## Louisiana

### New Orleans

#### Louisiana State University Program

Louisiana State University School of Medicine  
Medical Center of Louisiana at New Orleans-LSU Division

*Program Director:*

Joseph J Biundo Jr, MD  
Charles W Hilton Jr, MD  
Louisiana State University Medical Center  
Section of Physical Med and Rehab  
1542 Tulane Ave, Ste 602  
New Orleans, LA 70112-2822  
504 568-2173

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 2)

*Program ID:* 810-21-44-002

## Maryland

### Baltimore

#### Sinai Hospital of Baltimore Program

Sinai Hospital of Baltimore

*Program Director:*

Bart Chernow, MD  
Gerald Felsenthal, MD  
Sinai Hospital of Baltimore  
Medical Staff/Education Office  
2401 W Belvedere Ave  
Baltimore, MD 21215-5271  
410 578-5522

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 810-23-44-011

\* Updated information not provided.

## Massachusetts

### Newton Lower Falls

#### Tufts University Program

Newton-Wellesley Hospital  
New England Medical Center Hospitals

*Program Director:*

Henry M Yager, MD  
Marvin M Brooke, MD  
Tufts Comb Internal Medicine/Physical Medicine & Rehab

Newton-Wellesley Hospital

2014 Washington St

Newton, MA 02162

617 243-6467

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 810-24-44-012

## Michigan

### Detroit

#### Wayne State University Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center  
Rehabilitation Institute

*Program Director:*

Bruce M Gans, MD  
Bruce Gans, MD  
Wayne State Univ Sch of Medicine

261 Mack Ave

Detroit, MI 48201

313 745-9852

*Length:* 5 Year(s) *Total Positions:* 4 (GYI: 2)

*Program ID:* 810-25-44-015

## New York

### Buffalo

#### State University of New York at Buffalo Program\*

SUNY at Buffalo Grad Medical-Dental Education

Consortium

Buffalo General Hospital

Erie County Medical Center

Veterans Affairs Medical Center (Buffalo)

*Program Director:*

K H Lee, MD  
SUNY at Buffalo  
Dept of Rehab Medicine (117)

3495 Bailey Ave

Buffalo, NY 14215

716 862-3674

*Length:* 5 Year(s)

*Program ID:* 810-35-44-020

## Ohio

### Cincinnati

#### University of Cincinnati Medical Center Program

University of Cincinnati Hospital

*Program Director:*

Mark J Goddard, MD  
Gregory W Rouan, MD  
University of Cincinnati Medical Center

Dept of Phys Med and Rehab

PO Box 670530

Cincinnati, OH 45267-0530

513 558-4254

*Length:* 5 Year(s) *Total Positions:* 1 (GYI: 1)

*Program ID:* 810-41-44-019

### Cleveland

#### Case Western Reserve University Program

MetroHealth Medical Center

*Program Director:*

Michael J McFarlane, MD  
Shu Huang, MD

MetroHealth Medical Center

2500 MetroHealth Dr

Cleveland, OH 44109-1998

216 459-3886

*Length:* 5 Year(s) *Total Positions:* 1 (GYI: 1)

*Program ID:* 810-38-44-016

## Pennsylvania

### Philadelphia

#### Albert Einstein Medical Center Program

Albert Einstein Medical Center

Temple University Hospital

*Program Director:*

Lisa B Wallenstein, MD  
James T Demopoulos, MD  
Internal Medicine/Physical Medicine & Rehabilitation  
Program

Albert Einstein Medical Center

5401 Old York Rd Ste 363

Philadelphia, PA 19141-3025

215 456-6047

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 810-41-44-013

#### Temple University Program

Temple University Hospital

*Program Director:*

Richard S Eisenstaedt, MD  
James T Demopoulos, MD

Temple University Hospital

3401 N Broad St

Parkinson Pavilion 8th Fl

Philadelphia, PA 19140

215 707-2772

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 2)

*Program ID:* 810-41-44-006

## Pittsburgh

### St Francis Medical Center Program

St Francis Medical Center

*Program Director:*

T Michael White, MD  
Ronald L Zimmerman, MD

Dept of Internal Medicine

St Francis Medical Center

400 45th St

Pittsburgh, PA 15201

412 622-4388

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 1)

*Program ID:* 810-41-44-008

## Texas

### Houston

#### Baylor College of Medicine Program

Baylor College of Medicine

*Program Director:*

Edward C Lynch, MD

C G Kevorkian, MD

Combined Internal Medicine/Physical Medicine and Rehab

6565 Fannin Mail Station B-501

Fondren Brown Bldg

Houston, TX 77030

713 790-3217

*Length:* 5 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 810-48-44-009

\* Updated information not provided.

# Internal Medicine/Psychiatry

## Illinois

### Springfield

#### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

David E Steward, MD  
Southern Illinois University School of Medicine  
PO Box 19230  
Springfield, IL 62794-9320  
217 782-0193

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 815-16-44-009**

## Iowa

### Iowa City

#### University of Iowa Hospitals and Clinics Program

University of Iowa Hospitals and Clinics  
Veterans Affairs Medical Center (Iowa City)

*Program Director:*

Roger G Kathol, MD  
University of Iowa Hospitals and Clinics  
Depts of Psych and Int Medicine C429-1 GH  
200 Hawkins Dr  
Iowa City, IA 52242-1081  
319 356-3131

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 815-18-44-003**

## Kansas

### Kansas City

#### University of Kansas Medical Center Program

University of Kansas School of Medicine  
University of Kansas Medical Center  
Veterans Affairs Medical Center (Kansas City)

*Program Director:*

William F Gabrielli Jr, MD PhD  
University of Kansas Medical Center  
Dept of Psychiatry  
3901 Rainbow Blvd  
Kansas City, KS 66160-7341  
913 588-1330

*Length:* 5 Year(s) *Total Positions:* 4 (GYI: 2)

**Program ID: 815-19-44-008**

## Louisiana

### New Orleans

#### Tulane University Program

Tulane University School of Medicine  
Medical Center of Louisiana at New Orleans-Tulane  
Division  
Tulane University Hospital and Clinics  
Veterans Affairs Medical Center-Tulane Service (New Orleans)

*Program Director:*

Patrick T O'Neill, MD  
William C Steinmann, MD  
Tulane University Medical Center  
Dept of Psychiatry SL23  
1430 Tulane Ave  
New Orleans, LA 70112-2699  
504 587-2162

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 815-21-44-010**

## Michigan

### East Lansing

#### Michigan State University-East Lansing Program

Michigan State University-East Lansing

*Program Director:*

Jed Magen, DO  
Patrick C Alguire, MD  
Psychiatry Education  
A-277 E Fee  
East Lansing, MI 48824-1316

**Program ID: 815-25-44-001**

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program\*

Mary Hitchcock Memorial Hospital  
Veterans Affairs Medical Center (White River Junction)

*Program Director:*

Richard Comi, MD  
Ronald Green, MD  
Dartmouth-Hitchcock Medical Center  
One Medical Center Dr  
Lebanon, NH 03756

*Length:* 5 Year(s)

**Program ID: 815-32-44-016**

## New York

### Bronx

#### Bronx-Lebanon Hospital Center Program

Bronx-Lebanon Hospital Center

*Program Director:*

Nalini V Juthani, MD  
Sridhar Chillimuri, MD  
Bronx-Lebanon Hospital Center  
Dept of Psychiatry  
1276 Fulton Ave  
Bronx, NY 10456  
718 901-8653

*Total Positions:* 4 (GYI: 2)

**Program ID: 815-35-44-016**

## Brooklyn

#### State University of New York at Brooklyn Program\*

University Hospital-SUNY Health Science Center at  
Brooklyn  
Kings County Hospital Center

*Program Director:*

Eric Weitzner, MD  
Jeanne Macrae, MD  
SUNY Health Science at Brooklyn  
Depts of Psych and Int Medicine  
450 Clarkson Ave Box 1203  
Brooklyn, NY 11203-2098  
718 270-2902

*Length:* 5 Year(s) *Total Positions:* 15 (GYI: 3)

**Program ID: 815-35-44-004**

## Rochester

#### University of Rochester Program

Strong Memorial Hospital of the University of Rochester

*Program Director:*

Yeates Conwell, MD  
Laurence B Guttmacher, MD  
University of Rochester Medical Center  
300 Crittenden Blvd  
Dept of Psychiatry  
Rochester, NY 14642-8409  
716 275-4985

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 2)

**Program ID: 815-35-44-007**

## North Carolina

### Durham

#### Duke University Program

Duke University Medical Center  
Veterans Affairs Medical Center (Durham)

*Program Director:*

Tana A Grady, MD  
Ralph Corey, MD  
Duke University Medical Center  
PO Box 3837  
Durham, NC 27710  
919 684-2258

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 2)

**Program ID: 815-36-44-012**

## Greenville

#### East Carolina University Program

East Carolina University School of Medicine  
Pitt County Memorial Hospital

*Program Director:*

James G Peden Jr, MD  
East Carolina University School of Medicine  
Dept of Medicine  
389 PCMH-TA  
Greenville, NC 27858  
919 816-4633

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 815-36-44-005**

\* Updated information not provided.

## Pennsylvania

### Philadelphia

#### Albert Einstein Medical Center Program

Albert Einstein Medical Center

*Program Director:*

Lisa B Wallenstein, MD

Frederick Miller, MD

Albert Einstein Medical Center

5401 Old York Rd, Ste 363

Philadelphia, PA 19141-3025

215 456-6947

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 2)

**Program ID: 815-41-44-001**

### Pittsburgh

#### St Francis Health System Program

St Francis Medical Center

*Program Director:*

David J Lynn, MD

T Michael White, MD

St Francis Medical Center

Dept of Psychiatry

400 45th St

Pittsburgh, PA 15201-1198

412 622-4796

*Total Positions:* 3 (GYI: 2)

**Program ID: 815-41-44-015**

## Virginia

### Charlottesville

#### University of Virginia Program

University of Virginia Medical Center

*Program Director:*

Catherine Leslie, MD

Department of Behavioral Med and Psychiatry

Univ of Virginia Sch of Medicine

Blue Ridge Hospital Drawer D

Charlottesville, VA 22901

804 924-5408

*Length:* 5 Year(s) *Total Positions:* 11 (GYI: 3)

**Program ID: 815-51-44-002**

### Richmond

#### Medical College of Virginia- Commonwealth University Program

Medical College of Virginia-Commonwealth University

*Program Director:*

John R Urback, MD

Craig B Kaplan, MD

Virginia Commonwealth University

Department of Psychiatry

Box 710

Richmond, VA 23298-0710

**Program ID: 815-51-44-012**

## West Virginia

### Charleston

#### West Virginia University Program

Charleston Area Medical Center

*Program Director:*

T O Dickey III, MD

James P Griffith, MD

Medicine/Psychiatry Residency Program

Robert C. Byrd HSC/WVU/Charleston

PO Box 1547

Charleston, WV 25326-1547

304 341-1500

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 815-51-44-014**

### Morgantown

#### West Virginia University Program\*

West Virginia University Hospitals

*Program Director:*

James M Stevenson, MD

Rashida Khakoo, MD

Dept of Behavioral Medicine and Psychiatry

Chestnut Ridge Hospital

930 Chestnut Ridge Rd

Morgantown, WV 26506

304 293-2411

*Length:* 5 Year(s) *Total Positions:* 7 (GYI: 2)

**Program ID: 815-55-44-006**

## Neurology/Physical Medicine and Rehabilitation

## New York

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program\*

Erie County Medical Center

Buffalo General Hospital

Veterans Affairs Medical Center (Buffalo)

*Program Director:*

K H Lee, MD

82 Farber Hall

3435 Main St

Buffalo, NY 14214

716 862-3674

*Length:* 5 Year(s) *Total Positions:* 0 (GYI: 0)

**Program ID: 850-35-44-001**

\* Updated information not provided.

## Pediatrics/Emergency Medicine

### Indiana

#### Indianapolis

##### Methodist Hospital of Indiana Program

Methodist Hospital of Indiana

*Program Director:*

Carey D Chisholm, MD  
Charlene E Graves, MD  
Methodist Hospital of Indiana  
Emergency Medicine and Trauma Ctr  
1701 N Senate Blvd  
Indianapolis, IN 46202  
317 929-3525

*Length:* 5 Year(s) *Total Positions:* 4 (GYI: 2)

*Program ID:* 825-17-44-005

### Maryland

#### Baltimore

##### University of Maryland Program

University of Maryland Medical System  
Mercy Medical Center

*Program Director:*

Carol L Carraccio, MD  
Jonathan Olshaker, MD  
University of Maryland Medical Center  
Dept of Pediatrics  
22 S Greene St  
Baltimore, MD 21201  
410 328-6662

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 2)

*Program ID:* 825-23-44-006

### Michigan

#### Detroit

##### Henry Ford Hospital Program

Henry Ford Hospital

*Program Director:*

Bruce M Thompson, MD  
Jeffrey Decries, MD  
Henry Ford Hospital  
Dept of Emerg Medicine/Pediatrics  
2799 W Grand Blvd  
Detroit, MI 48202  
313 876-1552

*Length:* 5 Year(s) *Total Positions:* 3 (GYI: 0)

*Program ID:* 825-25-44-002

##### Wayne State University Program

Wayne State University School of Medicine  
Detroit Receiving Hospital and University Health Center

*Program Director:*

Brooks F Bock, MD  
Alan B Gruskin, MD  
Detroit Receiving Hospital  
Dept of Emergency Medicine  
4201 St Antoine  
Detroit, MI 48201-2194  
313 745-3330

*Length:* 5 Year(s) *Total Positions:* 8 (GYI: 2)

*Program ID:* 825-25-44-001

\* Updated information not provided.

## Pediatrics/Physical Medicine and Rehabilitation

### Colorado

#### Denver

##### University of Colorado Program

University of Colorado Health Sciences Center

*Program Director:*

Mary P Glode, MD  
Donna J Blake, MD  
University of Colorado Health Sciences Center  
Dept of Pediatrics  
1056 E 19th Ave B158  
Denver, CO 80218  
303 861-6738

*Length:* 5 Year(s) *Total Positions:* 1 (GYI: 1)

*Program ID:* 835-07-44-001

### Michigan

#### Ann Arbor

##### University of Michigan Program

University of Michigan Hospitals

*Program Director:*

M Catherine Spires, MD  
University of Michigan Medical Center  
Dept of Phys Med & Rehab Box 0042  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0042  
313 936-7201

*Length:* 5 Year(s) *Total Positions:* 19 (GYI: 0)

*Program ID:* 835-25-44-015

#### Detroit

##### Children's Hospital of Michigan Program

Children's Hospital of Michigan  
Rehabilitation Institute

*Program Director:*

Edward Dabrowski, MD  
Bruce M Gans, MD  
Children's Hospital of Michigan  
3901 Beaubien Blvd  
Detroit, MI 48201-2196  
313 745-5533

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 2)

*Program ID:* 835-25-44-002

### Minnesota

#### Minneapolis

##### University of Minnesota Hospitals Program\*

University of Minnesota Medical School  
University of Minnesota Hospital and Clinic

*Program Director:*

Dennis D Dykstra, MD  
University of Minnesota Hospitals  
Dept of Phys Med & Rehab  
420 Delaware St SE, Box 297  
Minneapolis, MN 55455  
612 626-4913

*Length:* 5 Year(s)

*Program ID:* 835-25-44-017

### Rochester

##### Mayo Graduate School of Medicine Program

Mayo Graduate School of Medicine-Mayo Foundation  
Mayo Clinic (Rochester)  
Rochester Methodist Hospital  
St Mary's Hospital of Rochester

*Program Director:*

Kathryn A Stolp-Smith, MD  
MGSM Application Processing Ctr  
Mayo Graduate School of Medicine  
200 First St SW  
Rochester, MN 55905  
507 284-2946

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 0)

*Program ID:* 835-26-44-018

### Missouri

#### Columbia

##### University of Missouri-Columbia Program

University and Children's Hospital

*Program Director:*

Steve M Gnatz, MD  
Randall Smith, MD  
Department of Physical Medicine and Rehabilitation  
University of Missouri-Columbia  
One Hospital Dr  
Columbia, MO 65212  
314 882-3101

*Length:* 5 Year(s) *Total Positions:* 3 (GYI: 1)

*Program ID:* 835-28-44-003

### New Jersey

#### Newark

##### UMDNJ-New Jersey Medical School Program

UMDNJ-New Jersey Medical School  
Children's Hospital of New Jersey

*Program Director:*

Susan G Mautone, MD  
Joel Delisa, MD  
UMDNJ-New Jersey Medical School  
185 S Orange Ave, Rm F540  
Newark, NJ 07103  
201 456-5275

*Length:* 5 Year(s) *Total Positions:* 3 (GYI: 1)

*Program ID:* 835-33-44-004

### New York

#### Bronx

##### Albert Einstein College of Medicine Program

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center

*Program Director:*

Steven P Shelov, MD  
Aldo O Perotto, MD  
Montefiore Medical Center  
Dept of Pediatrics  
111 E 210th St Centennial 1  
Bronx, NY 10467  
718 920-6490

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 835-35-44-006

## Buffalo

### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

Children's Hospital of Buffalo

*Program Director:*

K H Lee, MD  
VA Medical Center  
3495 Bailey Ave  
Buffalo, NY 14215  
716 862-3674

*Length:* 5 Year(s) *Total Positions:* 1 (GYI: 0)

*Program ID:* 835-35-44-009

## New Hyde Park

### Schneider Children's Hospital Program

Schneider Children's Hosp (Long Island Jewish Med Ctr)

*Program Director:*

Angeles Badell, MD  
Long Island Jewish Medical Center  
Div of Rehabilitation Medicine  
270-05 76th Ave, CH005  
New Hyde Park, NY 11040  
718 470-3020

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 1)

*Program ID:* 835-35-44-005

## New York

### New York University Institute of Rehabilitation Medicine Program

Rusk Institute of Rehabilitation Medicine

*Program Director:*

Howard Thistle, MD  
Rusk Institute  
400 E 34th St, Ste 600  
New York, NY 10016-4901  
212 263-6110

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 2)

*Program ID:* 835-35-44-019

## Ohio

### Cincinnati

### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

*Program Director:*

Mark J Goddard, MD  
University of Cincinnati Medical Center  
Dept of Phys Med & Rehab  
PO Box 670530  
Cincinnati, OH 45267-0530  
513 558-7635

*Length:* 5 Year(s) *Total Positions:* 5 (GYI: 1)

*Program ID:* 835-38-44-012

### Columbus

### Ohio State University Program\*

Children's Hospital

*Program Director:*

John Mahan, MD  
Paul Kaplan, MD  
Columbus Children's Hospital  
700 Children's Dr  
Columbus, OH 43205

*Length:* 5 Year(s) *Total Positions:* 0

*Program ID:* 835-38-44-010

## Toledo

### Medical College of Ohio at Toledo Program

Medical College of Ohio Hospital  
St Vincent Medical Center  
Toledo Hospital

*Program Director:*

Donald T Wasik, MD  
Greg Nemunaitis, MD  
Medical College of Ohio at Toledo  
PO Box 10008  
Toledo, OH 43699  
419 381-5264

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 2)

*Program ID:* 835-38-44-011

## Pennsylvania

### Philadelphia

### University of Pennsylvania Program

Hospital of the University of Pennsylvania

*Program Director:*

Keith M Robinson, MD  
Hospital of the University of Pennsylvania  
5 West Gates Bldg  
3600 Spruce St  
Philadelphia, PA 19104-4283  
215 349-5574

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 1)

*Program ID:* 835-41-44-016

## Texas

### Houston

### Baylor College of Medicine Program

Baylor College of Medicine

*Program Director:*

Ralph D Feigin, MD  
C George Kevorkian, MD  
Baylor College of Medicine  
Dept of Pediatrics  
One Baylor Plaza  
Houston, TX 77030  
713 770-1170

*Length:* 5 Year(s) *Total Positions:* 6 (GYI: 1)

*Program ID:* 835-48-44-007

## Wisconsin

### Milwaukee

### Medical College of Wisconsin Program

Medical College of Wisconsin Affiliated Hospitals Inc

*Program Director:*

Gerda E Klingbeil, MD  
Medical College of Wisconsin  
8700 W Wisconsin Ave  
Milwaukee, WI 53226

*Length:* 5 Year(s) *Total Positions:* 0

*Program ID:* 835-56-44-014

# Pediatrics/Psychiatry/ Child and Adolescent Psychiatry

## Kentucky

### Lexington

### University of Kentucky Medical Center Program

University Hospital-Albert B Chandler Medical Center  
Charter Ridge Hospital

*Program Director:*

H Otto Kaak, MD  
Annex 2 206  
Univ of Kentucky Medical Center  
Dept of Psychiatry  
Lexington, KY 40536-0080  
606 323-5106

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 830-20-44-001

## Hawaii

### Honolulu

### University of Hawaii Program

University of Hawaii at Monoa  
Kapiolani Medical Center for Women and Children  
Leahi Hospital

*Program Director:*

Anita Gerhard, MD  
1319 Punahou St  
Honolulu, HI 96826  
808 973-8375

*Program ID:* 830-14-44-007

## Massachusetts

### Boston

### Tufts University School of Medicine Program\*

New England Medical Center Hospitals

*Program Director:*

Joseph J Jankowski, MD  
New England Medical Center Hospital  
PO Box 39  
750 Washington St  
Boston, MA 02111  
617 956-5737

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

*Program ID:* 830-24-44-002

\* Updated information not provided.

## New York

### Bronx

#### Albert Einstein College of Medicine Program\*

Albert Einstein College of Medicine of Yeshiva University  
Bronx Municipal Hospital Center

*Program Director:*

Edward Sperling, MD  
Bronx Municipal Hospital Center  
Nurses' Residence  
Pelham Pkwy and Eastchester Rd  
Bronx, NY 10461  
212 918-3886

*Length:* 5 Year(s) *Total Positions:* 2 (GYI: 2)

**Program ID: 830-35-44-003**

### New York

#### Mount Sinai School of Medicine Program

Mount Sinai Medical Center

*Program Director:*

Barbara Milrod, MD  
Mount Sinai Hospital  
Dept of Psychiatry Box 1268  
One Gustave L Levy Pl  
New York, NY 10029  
212 241-8948

*Length:* 5 Year(s) *Total Positions:* 9 (GYI: 2)

**Program ID: 830-35-44-004**

## Ohio

### Cincinnati

#### University of Cincinnati Hospital Group Program

University of Cincinnati Hospital

*Program Director:*

Warren Liang, MD  
Univ of Cincinnati Medical Center  
Dept of Psychiatry  
231 Bethesda Ave  
Cincinnati, OH 45267-0559  
513 55-5190

**Program ID: 830-35-44-003**

## Rhode Island

### East Providence

#### Brown University Program\*

Emma Pendleton Bradley Hospital

*Program Director:*

Charles A Malone, MD  
Emma Pendleton Bradley Hospital  
1011 Veterans Memorial Pkwy  
East Providence, RI 02915  
401 434-3400

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 0)

**Program ID: 830-43-44-005**

## Utah

### Salt Lake City

#### University of Utah Program

University of Utah Medical Center

*Program Director:*

Chris M Lang, MD  
Frances L Burger, MD  
Dept of Psychiatry  
Univ of Utah School of Medicine  
50 N Medical Dr  
Salt Lake City, UT 84132  
801 581-3936

*Length:* 5 Year(s) *Total Positions:* 10 (GYI: 2)

**Program ID: 830-49-44-006**

# Psychiatry/Neurology

## Louisiana

### New Orleans

#### Tulane University Medical Center Program

Tulane University Medical Center

*Program Director:*

Patrick T O'Neill, MD  
Debra G Elliott, MD  
Tulane University Medical Center  
Dept of Psychiatry and Neurology  
SL28

1430 Tulane Ave  
New Orleans, LA 70112-2699

**Program ID: 855-21-44-002**

## West Virginia

### Morgantown

#### West Virginia University Program\*

West Virginia University Hospitals  
Charleston Area Medical Center

*Program Director:*

James Stevenson, MD  
Ludwig Gutmann, MD  
West Virginia University  
Health Sciences Center  
Morgantown, WV 26506

*Length:* 5 Year(s)

**Program ID: 855-55-44-001**

\* Updated information not provided.



## Surgery/Plastic Surgery

### California

#### Stanford

##### Stanford University Program\*

Stanford University Hospital  
Veterans Affairs Medical Center (Palo Alto)

*Program Director:*

Stephen A Schendel, DDS MD  
Stanford University Hospital  
NC104 Hoover Pavilion  
Stanford, CA 94305  
415 723-5824

*Length: 9 Year(s) Total Positions: 4 (GYI: 4)*

**Program ID: 900-05-44-001**

### Illinois

#### Chicago

##### Northwestern University Medical School Program

Northwestern University Medical School  
Northwestern Memorial Hospital

*Program Director:*

Thomas A Mustoe, MD  
Northwestern University Medical School  
707 N Fairbanks Ct, Ste 811  
Chicago, IL 60611  
312 908-6022

*Length: 7 Year(s) Total Positions: 3 (GYI: 2)*

**Program ID: 900-16-44-002**

##### University of Chicago Program

University of Chicago Hospitals  
Lutheran General Hospital

*Program Director:*

Robert L Walton, MD  
University of Chicago Medical Center  
5841 S Maryland Ave, MC6035  
Chicago, IL 60637  
312 702-4111

*Length: 7 Year(s) Total Positions: 4 (GYI: 0)*

**Program ID: 900-16-44-003**

#### Springfield

##### Southern Illinois University Program

Southern Illinois University School of Medicine  
Memorial Medical Center  
St John's Hospital

*Program Director:*

Elvin G Zook, MD  
Southern Illinois University School of Medicine  
747 N Rutledge St  
PO Box 18230  
Springfield, IL 62794-9230

*Length: 7 Year(s) Total Positions: 1 (GYI: 1)*

**Program ID: 900-16-44-004**

### Michigan

#### Ann Arbor

##### University of Michigan Program

University of Michigan Hospitals  
St Joseph Mercy Hospital (Catherine McAuley Health System)  
Veterans Affairs Medical Center (Ann Arbor)

*Program Director:*

David J Smith Jr, MD  
Office of Surgical Education  
Univ of Michigan Medical Center  
1500 E Medical Center Dr  
Ann Arbor, MI 48109-0342  
313 936-5733

*Length: 7 Year(s) Total Positions: 5 (GYI: 2)*

**Program ID: 900-25-44-005**

#### Grand Rapids

##### Grand Rapids Area Medical Education Center Program

Grand Rapids Area Medical Education Center  
Blodgett Memorial Medical Center  
Butterworth Hospital  
St Mary's Health Services

*Program Director:*

John H Beernink, MD  
Grand Rapids Area Medical Education Center  
240 Cherry St SE  
Grand Rapids, MI 49503  
616 732-6232

*Length: 7 Year(s) Total Positions: 2 (GYI: 2)*

**Program ID: 900-25-44-006**

### Missouri

#### St Louis

##### Washington University Program\*

Barnes Hospital  
St Louis Children's Hospital  
St Louis Regional Medical Center

*Program Director:*

Paul M Weeks, MD  
Plastic Surgery 17424 E Pavilion  
One Barnes Hospital Plaza  
St Louis, MO 63110  
314 362-7388

*Length: 7 Year(s) Total Positions: 3 (GYI: 3)*

**Program ID: 900-28-44-007**

### Ohio

#### Columbus

##### Ohio State University Program

Ohio State University Medical Center  
Children's Hospital  
Mount Carmel Medical Center  
Riverside Methodist Hospitals

*Program Director:*

Robert L Ruberg, MD  
Ohio State University Div of Plastic Surgery  
Rm N-809 Doan Hall  
410 W 10th Ave  
Columbus, OH 43210-1228  
614 293-8566

*Length: 7 Year(s) Total Positions: 2*

**Program ID: 900-38-44-008**

### Rhode Island

#### Providence

##### Brown University Program

Rhode Island Hospital  
Roger Williams Medical Center  
Veterans Affairs Medical Center (Providence)

*Program Director:*

Lee E Edstrom, MD  
Brown University Program  
Dept of Plastic Surgery  
110 Lockwood St, Ste 236  
Providence, RI 02903  
401 444-4188

*Length: 7 Year(s) Total Positions: 1*

**Program ID: 900-43-44-009**

### Texas

#### Dallas

##### University of Texas Southwestern Medical School Program\*

University of Texas Southwestern Medical School  
Baylor University Medical Center  
Children's Medical Center of Dallas  
Dallas County Hospital District-Parkland Memorial Hospital

Veterans Affairs Medical Center (Dallas)

Zale-Lipshy University Hospital

*Program Director:*

Rod J Rohrich, MD  
Univ of Texas Southwestern Medical Center  
Div of Plastic Surgery  
5323 Harry Hines Blvd  
Dallas, TX 75235-9031  
214 688-3571

*Length: 7 Year(s) Total Positions: 2 (GYI: 2)*

**Program ID: 900-48-44-010**

\* Updated information not provided.

# Appendix B

## Medical Specialty Board Certification Requirements

Twenty-four medical specialty boards have been approved by the American Board of Medical Specialties (ABMS) and the American Medical Association (AMA) Council on Medical Education through the Liaison Committee for Specialty Boards (LCSB). Applications for recognition as a specialty board are submitted to the LCSB and reviewed for compliance with the requirements and criteria published in the *Essentials for Approval of New Examining Boards in Medical Specialties* approved by both the ABMS and the AMA. If an applicant is approved for recognition as a medical specialty board by the LCSB, the application must then be approved by the membership of the ABMS and the AMA Council on Medical Education. The *Essentials* may be obtained from the office of the Executive Vice President of the American Board of Medical Specialties, 1007 Church St/Ste 404, Evanston, IL 60201-5913, or from the Council on Medical Education, American Medical Association, 515 N State St, Chicago, IL 60610.

The primary objective of medical specialty boards is the improvement of the quality of medical education and medical care. The primary functions of each of the medical specialty boards are to evaluate candidates in a medical specialty field who voluntarily appear for examination and to certify as diplomates those candidates who are qualified. To accomplish these functions, medical specialty boards determine whether candidates have received adequate preparation in accordance with established educational standards; provide comprehensive examinations designed to assess knowledge, skills, and experience requisite to the provision of high-quality patient care in that specialty; and certify those candidates who have satisfied the requirements.

In collaboration with the other organizations and agencies concerned, the approved medical specialty boards assist in improving the quality of medical education by elevating the standards of graduate medical education and approving facilities for specialty training.

The actual accreditation review for the approval of residency programs in each specialty is conducted by a Residency Review Committee on which the respective specialty board has equal representation with the AMA Council on Medical Education and, in some cases, with a related specialty society.

Medical specialty board certification is an additional process to receiving a medical degree, completing residency training, and receiving a license to practice medicine.

Certification requirements of each member board of ABMS are included on subsequent pages. Inquiries regarding specialty board certification requirements should be directed to the specialty board executive offices listed in Table 1. The member boards of ABMS publish materials containing statements on the requirements for certification, which are also reprinted in each edition of the *Official American Board of Medical Specialties Directory of Board Certified Medical Specialists*. This publication contains certification and biographical information on each specialist who has been certified by a member board of ABMS. The *Directory* is available from the ABMS or from Marquis Who's Who, 121 Chanlon Rd, New Providence, NJ 07974.

### American Board of Medical Specialties Information

American Board of Medical Specialties  
1007 Church St / Ste 404  
Evanston, IL 606201-5913  
708 491-9091

**Table 1. Member Boards of the American Board of Medical Specialties\***

<b>Name of Board</b>	<b>Executive Officer</b>	<b>Address</b>	<b>Telephone</b>
American Board of Allergy and Immunology (a conjoint board of the American Board of Internal Medicine and the American Board of Pediatrics)	John W. Yunginger, MD Executive Secretary	3624 Market St Philadelphia, PA 19104-2675	215 349-9466
American Board of Anesthesiology	D. David Glass, MD Secretary-Treasurer	100 Constitution Plaza Hartford, CT 06103-1796	203 522-9857
American Board of Colon and Rectal Surgery	Herand Abcarian, MD Executive Director	20600 Eureka Rd/Ste 713 Taylor, MI 48180	313 282-9400
American Board of Dermatology	Harry J. Hurley, MD Executive Director	Henry Ford Hospital Detroit, MI 48202	313 874-1088
American Board of Emergency Medicine	Benson S. Munger, PhD Executive Director	3000 Coolidge Rd East Lansing, MI 48823	517 332-4800
American Board of Family Practice	Paul R. Young, MD Executive Director	2228 Young Dr Lexington, KY 40505	606 269-5626
American Board of Internal Medicine	Harry R. Kimball, MD President	3624 Market St Philadelphia, PA 19104-2675	800 441-2246
American Board of Medical Genetics	Sharon B. Robinson, MS Executive Secretary	9650 Rockville Pike Bethesda, MD 20814-3998	301 571-1825
American Board of Neurological Surgery	Howard M. Eisenberg, MD Secretary-Treasurer	6550 Fannin St/Ste 2139 Houston, TX 77030-2701	713 790-6015
American Board of Nuclear Medicine	Joseph F. Ross, MD President	900 Veteran Ave Los Angeles, CA 90024-1786	310 825-6787
American Board of Obstetrics and Gynecology	Norman F. Gant, MD Executive Director	2915 Vine St/Ste 300 Dallas, TX 75204-1069	214 871-1619
American Board of Ophthalmology	William H. Spencer, MD Executive Director	111 Presidential Blvd/Ste 241 Bala Cynwyd, PA 19004	215 664-1175
American Board of Orthopaedic Surgery	Donald B. Kettelkamp, MD Executive Director	400 Silver Cedar Ct Chapel Hill, NC 27514	919 929-7103
American Board of Otolaryngology	Robert W. Cantrell, MD Executive Vice President	5615 Kirby Dr/Ste 936 Houston, TX 77005	713 528-6200
American Board of Pathology	William H. Hartmann, MD Executive Vice President	PO Box 25915 Tampa, FL 33622-5915	813 286-2444
American Board of Pediatrics	James A. Stockman III, MD President	111 Silver Cedar Ct Chapel Hill, NC 27514-1651	919 929-0461
American Board of Physical Medicine and Rehabilitation	Joachim L. Opitz, MD Executive Director	Norwest Ctr/Ste 674 21 First St SW Rochester, MN 55902	507 282-1776
American Board of Plastic Surgery	William D. Morain, MD Secretary-Treasurer	Seven Penn Ctr/Ste 400 1635 Market St Philadelphia, PA 19103-2204	215 587-9322
American Board of Preventive Medicine	Alice R. Ring, ICH, MD, MPH Executive Director	9950 W. Lawrence Ave/Ste 106 Schiller Park, IL 60176	708 671-1750
American Board of Psychiatry and Neurology	Stephen C. Scheiber, MD Executive Vice President	500 Lake Cook Rd/Ste 335 Deerfield, IL 60015	708 945-7900
American Board of Radiology	M. Paul Capp, MD Executive Director	5255 E. Williams Circle/Ste 6800 Tucson, AZ 85711	602 790-2900
American Board of Surgery	Wallace P. Ritchie, Jr, MD, PhD Secretary-Treasurer	1617 John F. Kennedy Blvd Ste 860 Philadelphia, PA 19103-1847	215 568-4000
American Board of Thoracic Surgery	Richard J. Cleveland, MD Secretary-Treasurer	One Rotary Ctr/Ste 803 Evanston, IL 60201	708 475-1520
American Board of Urology	Alan D. Perlmutter, MD Executive Secretary	31700 Telegraph Rd/Ste 150 Bingham Farms, MI 48025	810 646-9720

\* Revised November 1, 1994

# American Board of Allergy and Immunology

(A Conjoint Board of the American Board of Internal Medicine and the American Board of Pediatrics)

William W Busse, MD, Madison, Chair, Madison, Wisconsin  
 Thomas A Fleisher, MD, Bethesda, Maryland, Co-Chair  
 Dean D Metcalfe, MD, Co-Chair Elect  
 John A Anderson, MD, Secretary  
 Phil Lieberman, MD, Treasurer  
 John A Anderson, MD, Detroit, Michigan  
 Mark Ballow, MD, Buffalo, New York  
 Richard D deShazo, MD, Mobile, Alabama  
 John Andrew Grant, MD, Galveston, Texas  
 Henry G Herrod III, MD, Memphis, Tennessee  
 Robert F Lemanske, MD, Madison, Wisconsin  
 Arnold I Levinson, MD, Philadelphia, Pennsylvania  
 Philip Lieberman, MD, Memphis, Tennessee  
 Richard F Lockey, MD, Tampa, Florida  
 Dean D Metcalfe, MD, Bethesda, Maryland  
 Dennis R Ownby, MD, Detroit, Michigan  
 Stephen H Polmar, PhD, MD, New Haven, Connecticut  
 Lanny J Rosenwasser, MD, Denver, Colorado  
 William T Shearer, MD, PhD, Houston, Texas  
 Robert C Strunk, MD, St Louis, Missouri  
 Stanley J Szeffler, MD, Denver, Colorado  
 Abba I Terr, MD, San Francisco, California  
 Stephen I Wasserman, MD, San Diego, California  
 John W Yunginger, MD, Executive Secretary, Philadelphia, Pennsylvania

*(The Board reserves the right to make changes in its policies and procedures at any time and cannot assume responsibility for giving advance notice thereof. All applicants are advised to contact the ABAI to determine whether the following information remains current.)*

## Organization

The American Board of Allergy and Immunology (ABAI), a Conjoint Board of the American Board of Internal Medicine (ABIM) and the American Board of Pediatrics (ABP) was established in 1971 as a nonprofit organization. It is a member Board of the American Board of Medical Specialties (ABMS). It is sponsored jointly by the American Academy of Allergy and Immunology (AAAI), the American Academy of Pediatrics (AAP)—Section on Allergy and Immunology, the American College of Allergy and Immunology (ACAI), the American Medical Association (AMA)—Section on Allergy and Immunology, and the Clinical Immunology Society (CIS).

ABAI's major purposes are to: (a) establish qualifications and examine physician candidates for certification as specialists in allergy/immunology, (b) serve the public, physicians, hospitals, and medical schools by providing the names of physicians certified as allergists/immunologists, (c) improve the quality of care in allergy/immunology to the public, (d) establish and improve standards for the teaching and practice of allergy/immunology, and (e) establish standards for training programs in allergy/immunology.

## Significance of Certification

A certified specialist in allergy and immunology is a physician who has fulfilled the requirements of and has received certification as a diplomate of the ABIM and/or ABP followed by additional certification by the ABAI. Diplomates of the ABAI have detailed knowledge of the underlying pathophysiology and the method of diagnosis,

treatment and prevention of allergic diseases such as allergic rhinitis, allergic asthma, urticaria, anaphylaxis, hypersensitivity pneumonitis, atopic and contact dermatitis, and allergic gastrointestinal disorders, as well as comparable clinical problems without an apparent allergic etiology or component such as vasomotor rhinitis, non-allergic asthma and idiopathic and/or hereditary forms of urticaria and/or angioedema. Expertise in the management of pulmonary complications of these diseases is a further prerequisite.

In addition, diplomates of the ABAI possess breadth and depth in the understanding of immunochemistry, immunobiology and applied pharmacology and experience in the application of this knowledge to the diagnosis, management and prevention of immunologic diseases, such as inborn or acquired defects of host resistance, autoimmune diseases, bone marrow and solid organ transplantation, gene replacement therapy, adverse drug reactions, and other conditions associated with an abnormality of the immune system. Because allergy and clinical immunology is an evolving and expanding area of medicine, diplomates may vary in their detailed knowledge of some of the aspects of allergy/immunology as defined above. Diplomates have demonstrated to the satisfaction of their peers that they possess the general qualifications specified.

## Certification Process

The ABAI is interested in candidates who have embarked voluntarily on a graduate program of study, with the express purpose of excelling in the practice of the specialty of allergy/immunology. In outlining its requirements, the ABAI hopes to help the candidate select superior educational programs that will develop his/her competency in allergy/immunology. The ABAI believes that all allergists/immunologists should have a fundamental knowledge of the biological science basic to this discipline. Such knowledge is essential to the continued professional progress of any qualified allergist/immunologist. The ABAI anticipates that adequate knowledge in basic science, as applied to this discipline, will be acquired by the candidates during a post-medical school training program. The ABAI wishes to emphasize that time and training are but a means to the end of acquiring a broad knowledge of allergy/immunology.

The candidate must demonstrate competency to the ABAI in order to justify certification in this discipline. The responsibility of acquiring the knowledge rests with the candidate. The ABAI is responsible for the establishment and maintenance of the standards of knowledge required for certification. Each candidate for certification must satisfy the general and professional qualifications listed below.

The examination reflects the current Special Requirements for Residency Training in Allergy and Immunology and the Content Outline determined by the Board of Directors, which is distributed with the application, and the following:

Candidates for certification must be familiar with the fundamental elements of the immune system, such as the types of immune cells contained in the immune system, the collections of immune cells that form anatomical organs of immunity, the circulation patterns of immune cells, the biologic role of products of the immune system, and the abnormal conditions of the immune system that constitute immunopathology. Moreover, the candidate will be expected to be proficient in understanding the molecular basis of allergic and other immune reactions, including interaction between immune cells, cell membrane signal transduction pathways, gene expression, cytokine release, receptor targeting, cellular differentiation, and death. Proficiency must be demonstrated in the diagnosis and treatments of allergic and other immunologic diseases.

Since the ABAI is a Conjoint Board representing pediatric and adult medicine, the candidate must master the spectrum of allergic and immunologic diseases as it presents in children and adults. In

addition to a familiarity with allergic diseases, including allergic rhinitis, asthma, atopic dermatitis, and urticaria, the candidate must be knowledgeable in autoimmune conditions such as rheumatologic disease, inflammatory bowel disease, immune-based endocrinopathies, and neuroimmunological disorders. Equally important as competence in diseases of immune dysfunction is the knowledge of human pathology that results from an absence of immunity, either whole or partial, congenital or acquired. Thus, an understanding of the primary immunodeficiency states is required, including congenital disorders, such as severe combined immunodeficiency and X-linked agammaglobulinemia; absence of specific complement components, such as C2 deficiency; lack of specific neutrophil function, such as chronic granulomatous disease; absence of specific adhesive cellular glycoproteins, such as leukocyte adhesion deficiency; and dysfunctional states of the immune system produced by external agents, such as the acquired immunodeficiency syndrome resulting from infection with the human immunodeficiency virus.

It is important for the candidate to demonstrate proficiency in the proper selection of appropriate clinical and laboratory tests that aid the formulation of a clinical diagnosis based on first obtaining a detailed medical history and performing a complete physical examination. The candidate must understand the scientific basis of the following list (noninclusive) of tests: serum immunoglobulin determination, functional antibody measurement, complement component and functional assays, lymphocyte subset analysis using monoclonal antibodies and flow cytometry, lymphocyte proliferation assays with mitogen and antigens, and neutrophil and monocyte chemotaxis, phagocytosis, and killing assessment. In addition, competence must be demonstrated with the use of molecular diagnostic techniques involving the binding of ligands to nucleic acid or polypeptide sequences, such as assays involving restriction fragment length polymorphisms, DNA binding proteins, messenger RNA, and Western blots. The importance of DNA replication technology must be understood, such as that demonstrated in the polymerase chain reaction. The molecular basis for immediate hypersensitivity skin testing must be understood in the context of the detailed molecular events occurring in the tissue mast cell and blood basophil, particularly the release of preformed mediators, such as histamine, and in the generation of newly formed mediators, such as leukotrienes and prostaglandins. Similarly, skin testing for T cell competence with recall antigens must be understood in relation to antigen presentation, cytokine secretion and interaction, and lymphocyte subset activation and function. Candidates must also have familiarity with the misuse of standard tests and with controversial tests in allergy and immunology. The candidate must understand the principles and analytic methods employed in experimental clinical studies for determining the diagnostic utility of specific tests and in evaluating the safety, toxicity, and efficacy of treatments and drugs for allergic and immunologic diseases. Candidates must also be familiar with the principles and methods employed in epidemiologic studies.

A corollary of the competence of the candidate in the pathophysiology, clinical presentation, and immunologic testing of allergic and other immunologic diseases is the knowledge of appropriate treatment options. For example, the common aspect of all types of asthma is the presence of airway inflammation. Definitive treatment of asthma demands that therapies be utilized that include interruption of the inflammatory response. Thus, use of drugs that decrease airway inflammation in asthma must be understood by candidates for certification. Based on the molecular knowledge of the allergic response, the candidate must appreciate the importance of allergen avoidance and medical treatment of allergic rhinitis before initiation of the more intense treatment of

immunotherapy. In the latter therapy, candidates must demonstrate competence in allergen selection and administration in successful treatment regimens. Therapy for immunologic diseases must be understood, such as (noninclusive) intravenous immune globulin for antibody deficiency, interferon for chronic granulomatous disease, HLA-identical and HLA-haploidentical (T cell-depleted) bone marrow transplants for cellular immunodeficiencies, and gene replacement therapy currently used for the immunodeficiency associated with adenosine deaminase deficiency as well as theoretical principles/potential in other congenital immune disorders.

The candidate qualifies for examination

1. By having passed the certification examination of the ABIM and/or ABP, which requires 3 years of postdoctoral training in programs accredited by the Accreditation Council for Graduate Medical Education (ACGME).
2. By presentation of evidence, acceptable to the Board of Directors, of at least 2 years of full-time residency/fellowship in allergy/immunology programs accredited by the ACGME or other acceptable training in allergy/immunology programs. (Programs are listed in the *Graduate Medical Education Directory*, published by the American Medical Association. Application forms for accreditation of new residency programs may be obtained on written request to the Secretary of the Residency Review Committee for Allergy and Immunology, 515 State St / Ste 2000, Chicago, IL 60610, 312 464-5505, 312 464-4098 fax).
3. By documentation from the training program director evaluating and substantiating clinical competence and 2 full-time years of allergy/immunology training. Areas to be reviewed include clinical judgment, medical knowledge, clinical skills of history taking, physical examination, and procedural skills, humanistic qualities, attitudes and professional behavior, medical care (utilizing laboratory tests and diagnostic procedures), commitment to scholarship, and work habits. The training program director must also provide written evidence of the candidate's clinical experience and readiness to sit for the examination. In compliance with the ACGME Special Requirements for Residency Training in Allergy and Immunology, a semiannual record must be maintained with copies to the ABAI for tracking purposes. The Evaluation Form together with the Explanation of Ratings Scale may be obtained from the ABAI.
4. Upon written release of the candidate, documentation from the Chief of Medicine or Pediatrics, ABAI diplomates in the geographical area, chiefs of community hospitals, or officers of state or regional societies to verify the medical, ethical, and moral standing and clinical competence of the candidate as a specialist in allergy/immunology.
5. By evidence of a valid, unrestricted license to practice medicine in a state, territory, possession, or province of the United States or Canada or in the United States armed forces or a written explanation of extenuating circumstances.

Candidates with a restricted, suspended, or revoked license, at the time of application or examination, will not be admitted to the examination or certified.

As of January 1, 1992, ABAI limits the time interval for candidates to become certified to 6 years following completion of allergy/immunology training. In the case of candidates whose applications received approval before January 1, 1992, certification is available according to ABAI policy in force at the time of initial registration. New candidates accepted after January 1, 1992, who do not gain certification within this 6-year interval can re-register in the certification process with documentation of

1. A valid, unrestricted medical license as defined above
2. Evidence of good standing within the medical community

3. Recommendation letters from 2 ABAI diplomates attesting to the candidate's medical, ethical, and moral standing and clinical competence as a specialist in allergy/immunology
4. One hundred hours CME Category I credit in the previous 2 years
5. Successful performance on an ABAI qualifying examination
6. Payment of current registration and examination fees

Candidates beyond 2 years of their training will be required to include an appointment in good standing on a hospital staff.

**Conjoint Committees**—The nature of a Conjoint Board requires involvement of the sponsoring primary Boards through understanding, evaluation, trust, and input into critical areas of decision making. With these concepts in mind, the ABAI has formed two advisory committees with representation by the ABAI, the ABIM, and the ABP. The Conjoint Credentials Committee will review and recommend the credentials of candidates for the certification examination to the Board for its determination. The Conjoint Standards Committee will review and recommend the passing grade for the certification examination to the Board for its determination.

### Recertification Process

Since 1977, the ABAI has offered its diplomates a clinically relevant voluntary recertification process every other year so that the effectiveness of each diplomate's own efforts in continuing education would be evaluated. Driven by public pressures for accountability and credibility, most of the 24 member Boards of the ABMS have adopted policies to award time-limited certificates with renewal through a program of mandatory recertification.

Beginning with 1989, new ABAI diplomates received certificates valid for ten years. Diplomates certified prior to 1989 are not affected by this policy. However, all diplomates, especially those involved in training programs, are strongly encouraged to recertify as often as possible, but at a minimum of every ten years. Maintaining a current certificate is an expression of professional accountability. Presently 746 ABAI diplomates hold time-limited certificates; renewal may be achieved in the interim. ABAI recommends recertification for diplomates holding time-unlimited certificates.

The recertification process is composed of the following: Part I—a home study, open-book examination available August 1 through December 31. The diplomate is required to attain a 90% correct score in order to gain entry to Part II—a proctored examination administered October 9, 1995. If such an absolute score is not attained, the diplomate will be required to pass a subsequent remedial home examination with a 90% correct score. ABAI anticipates that most diplomates seeking recertification will be successful. Standards are established to justify public confidence. As an alternative pathway, diplomates may recertify by passing the 1995 certification examination and meeting its rigorous standard for candidates completing accredited training.

Diplomates for recertification will be examined in the following areas of clinical science: immediate hypersensitivity, immunological disorders, pharmacology and therapeutics, specific diagnostic modalities, and allergens and antigens. Attention will also be given to the following areas of basic science: immune mechanisms, cells involved in immune responses, specific immune mechanisms, and laboratory tests.

The diplomate qualifies for examination by

1. Having previously been certified by the ABAI. Recertification in internal medicine or pediatrics is encouraged of ABAI diplomates. Mechanisms to facilitate dual recertification in the primary specialty and allergy/immunology are currently under negotiation with the parent Boards in cooperation with their plans for their subspecialties.

2. Documentation from physicians in the ABAI diplomate's community that he/she currently practices the specialty of allergy and immunology.
3. Evidence of a valid, unrestricted license to practice medicine in a state, territory, possession, or province of the United States or Canada or in the United States armed forces or a written explanation of extenuating circumstances.

Diplomates with a restricted, suspended, or revoked license at the time of application or examination will not be admitted to the examination or recertified.

### Clinical and Laboratory Immunology

In 1983 the ABMS approved Certification of Special Qualification in Diagnostic Laboratory Immunology (DLI) for diplomates of the ABAI, ABIM, and ABP periodically. Such recognition was awarded in 1986, 1988, and 1990 following successful examination performance to specialists with significant experience (at least 4 years) in comprehensive DLI, or at least one year's training in DLI who were involved in the teaching, research, or practice setting in which the diagnostic immunology laboratory is of central importance and were recognized by their peers as competent by way of their significant contributions to DLI.

In 1991 ABMS approved the change to a Certificate of Added Qualification in Clinical and Laboratory Immunology for those specialists with one year of formal training following subspecialty certification in an immunologically based subspecialty in order to indicate the clinical interpretative skills inherent in such training.

Within the last 20 years in the combined clinical practice of allergy and immunology, the most rapid expansion of knowledge has occurred within the area of clinical immunology. This explosion of information has impacted both clinical practice and diagnostic laboratory testing. Previous certification in diagnostic laboratory immunology has been interpreted as demonstration of skills in laboratory testing in immunology rather than the broad span of both clinical and laboratory skills. With the goal of certifying candidates in the broader sense of clinical skills and laboratory expertise in clinical immunology, the ABAI recommends that candidates be prepared to demonstrate competency by examination in the theory and practice of the following (noninclusive) clinical areas: (1) allergic diseases, (2) primary and secondary immunodeficiency diseases, (3) autoimmune diseases, (4) immunologic aspects of bone marrow and organ transplantation, (5) immune aspects of gene replacement therapy, (6) immunologic aspects of organ-specific inflammatory conditions, and (7) immune aspects of malignancy and cancer. Although these clinical areas of competence are expected of the traditional candidate in allergy/immunology, the candidate for CLI will be expected to master these concepts to a far greater degree. Moreover, since upon certification the CLI candidate should be ready to supervise an immunology laboratory, competence will be demanded in the following (noninclusive) areas: (1) quantitation of immunoglobulins; (2) measurement of specific antibodies; (3) functional and quantitative complement tests; (4) assays of lymphocyte, monocyte, neutrophil, and basophil function and quantitation; (5) autoantibody assessment; (6) rapid tests for infectious diseases; (7) DNA amplification and binding tests; (8) genetic testing; (9) histocompatibility testing; (10) prenatal diagnosis; (11) quality control testing; (12) data management and statistical analysis; and (13) regulatory gene interactions.

The examination reflects the current Special Requirements for Residency Training and the Content Outline determined by the Joint Testing Committee of the ABAI, ABIM, and ABP, which is distributed with the application.

The next examination will be administered to those ABAI, ABIM and ABP diplomates following a 2-year allergy/immunology training

program or an immunologically related subspecialty training, e.g., rheumatology or infectious disease, etc., and such subspecialty certification where available, and a third year of CLI training. Competence must be verified by the program director responsible for the third year of training. Candidates whose applications were previously approved and whose training meets the Special Requirements for Residency Training in CLI may also file an application. Time-limited certificates will be awarded subject to revocation by the appropriate Board for cause.

Physicians taking the examination are expected to be concerned with applying laboratory methods to problems in human diseases involving changes in immune responses and will be able to perform, develop, interpret, and evaluate the clinical relevance of special laboratory procedures related to immunologically based diseases.

## Dual Certification

Formal special pathways exist for individuals wishing to qualify for dual certification in either allergy/immunology and pediatric pulmonology or adult rheumatology. Additional information regarding special pathways is available upon request.

## Examination Methodology

### A. Announcements

The proctored certification and recertification examination is administered simultaneously in at least two United States locations in alternate years. The times and places are determined by the Board and announced in the appropriate specialty journals.

### B. Applications

The act of filing an application is the candidate's responsibility. Application forms are available from the ABAI. They must be accompanied by two recently signed photographs and the necessary fees. Completed applications must be received on or before the close of registration (postmark applicable).

### C. Fees

The fees are set forth in the instruction sheet included with the application. Candidates whose applications are rejected will receive a refund of the examination fee; however, the ABAI will retain the registration fee to cover the processing and evaluation costs. A non-refundable late fee will apply to those applications received after the close of registration and prior to the cancellation deadline.

### D. Cancellations

Candidates who are accepted for examination, but fail to appear or who withdraw after the deadline for cancellation will have their examination fee placed into an escrow account for the next examination. For each subsequent examination, candidates will be required to pay the current registration and examination fees.

### E. Description

The written examinations vary in length from certification being two 4-hour sessions, recertification being one 4-hour session, and CLI being two 3-hour sessions. The multiple-choice questions are objective and designed to test the individual's knowledge through recall, interpretation, and problem-solving. Each examination may contain previously used questions, new questions, or questions undergoing field testing. The individual's performance on field test questions will not be counted in determining results.

The ABAI does not sponsor or maintain any records on any courses that claim to be review courses in preparation for its examinations nor does it offer or endorse any specific publications or courses to prepare for its examinations.

### F. Disabled Candidates

Individuals who may need accommodation during the examination must provide written details to the Board at the time of application for examination in order to receive information about ABAI's disability policy and approval.

### G. Irregular Behavior

All Board examinations are supervised by proctors, who are required to report any irregular behavior, which includes, but is not limited to, giving or obtaining unauthorized information or aid before, during, or after the examination as evidenced by observation or subsequent statistical analysis of answer sheets. Offering financial or other benefit to a proctor, employee, or agent of the ABAI is forbidden.

### H. Results

Individuals will be informed of the results of the examinations within 3 months of administration. The validity of the individual's performance on the examination is secured by every means available.

### I. Rescores

On written request and payment of a nominal fee, candidates may obtain rescoring within 3 months of receiving results. Answer sheets will be destroyed 12 months after administration of the examination.

### J. Certificates

Candidates/diplomates who pass the Board's examinations will be certified or recertified in the specialty of allergy/immunology as of the date of the examination and receive a 10-year time limited certificate, subject to revocation by the Board for cause. This information becomes public information and will be listed in *The Official ABMS Directory of Board-Certified Specialists* and the *Official ABMS Directory of Certified Allergists and Immunologists*.

## Special Policies

### A. Verification of Board Status

The ABAI does not issue statements of or implying "Board eligibility" for any reason. The ABMS has recommended this policy. Medical specialty certification is a process of advancement through several individual steps including examination. Having completed one step, such as the minimal educational requirements, should not imply that a candidate is now possessed of some special qualification that is more or less equivalent to certification. For written verification of the status of an allergist/immunologist, ABAI charges a nominal fee per name.

### B. Revocation of Certificate

Certificates issued by the ABAI shall be subject to revocation under specific circumstances, including but not limited to licensure revocation, restriction or suspension and/or establishment of guilt of felony, professional incompetence, professional misconduct, unethical conduct, harmful, deceptive, fraudulent advertising, or documented chemical use and dependency.

### C. Absences During Residency

Absences during residency in excess of 2 months over the 2-year allergy/immunology training program, whether for vacation, sick leave, maternity leave, etc., should be made up. If the training program director believes that an absence of more than 2 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

## Changes in Policies and Procedures

The Board reserves the right to make changes in its policies and procedures and fees at any time, and cannot assume responsibility

for giving advance notice thereof. The provisions of this publication are not to be construed as a contract between any candidate and the ABAI.

## American Board of Anesthesiology

David E Longnecker, MD, President, Philadelphia, Pennsylvania  
 D David Glass, MD, Secretary-Treasurer, Lebanon, New Hampshire  
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 Francis P Hughes, PhD, Executive Vice President

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Anesthesiology [ABA] to ascertain whether the information below is current.)*

### Introduction

The chair of the anesthesiology department is the director of the residency program. Although the department chair may delegate responsibility for administering the program, the ABA corresponds officially about training matters only with the department chair.

The department chair (ie, program director) has the responsibility to ensure that the training each resident completes under the aegis of the program will be acceptable to the ABA if the resident applies for certification. Nevertheless, every resident whose goal is to attain ABA certification has a responsibility to ensure that the training experiences will be acceptable to the ABA, since the resident ultimately bears the consequences if the training proves unacceptable. The responsibility of the one does not absolve the other from sharing the responsibility.

The department chair and the resident must know the Board's policies, published in the *Booklet of Information*, as they relate to acceptable training sequences, experiences and settings. Residents with specific questions about the acceptance of their training should read this booklet and speak with their department chair. If there remains any doubt about the acceptance of the training, the resident should then write the Secretary of the Board at the address of the ABA office.

Applicants and candidates for ABA examinations have the responsibility to know the Board's policies, procedures, requirements and deadlines regarding admission to and opportunities for examination.

### Primary Certification in Anesthesiology Certification Requirements

To be certified as a diplomate of the American Board of Anesthesiology (ABA), each applicant must

- A. Hold a permanent, unconditional, unrestricted, and unexpired license to practice medicine or osteopathy in one state or jurisdiction of the United States or province of Canada. The applicant must inform the ABA of any conditions or restrictions in force on any active medical license he or she holds. When there is a re-

striction or condition in force on any of the applicant's medical licenses, the Credentials Committee of the ABA will determine whether the applicant satisfies the licensure requirement of the ABA.

- B. Fulfill all the requirements of the continuum of education in anesthesiology.
- C. Have on file with the ABA a satisfactory certificate of clinical competence covering the final 6-month period of clinical anesthesia training in each anesthesiology residency program.
- D. Satisfy all examination requirements of the Board.
- E. Have a moral, ethical, and professional standing satisfactory to the ABA.

Persons certified by this Board are designated as diplomates in publications of the American Board of Medical Specialties and the American Society of Anesthesiologists.

### Continuum of Education in Anesthesiology

The continuum of education in anesthesiology consists of 4 years of training subsequent to the date that the medical or osteopathic degree has been conferred. It includes 12 months of nonanesthesia clinical training (clinical base year) and 36 months of graded and increasingly complex clinical training in anesthesia (CA-1, CA-2, and CA-3 years).

- A. The clinical base year must be devoted to clinical training other than clinical anesthesia. Acceptable training for the 12 months of clinical base shall include training in a transitional year, internal or emergency medicine, pediatrics, surgery or any of the surgical specialties, obstetrics and gynecology, neurology, family practice, or any combination of these as approved for the individual resident by the director of his/her training program in anesthesiology. Residents who begin the continuum after December 31, 1991, must complete the clinical base requirement before beginning clinical rotations in fulfillment of the CA-3 year requirement.

The clinical base year must be spent in residency programs in the United States that are accredited by the Accreditation Council for Graduate Medical Education (ACGME) or approved by the American Osteopathic Association. It also may be spent in Canadian institutions that are approved by the Royal College of Physicians and Surgeons of Canada and are affiliated with medical schools approved by the Liaison Committee on Medical Education.

- B. The 3-year clinical anesthesia curriculum (CA 1-3) consists of experience in basic anesthesia training, subspecialty anesthesia training, and advanced anesthesia training. It is a graded curriculum of increasing difficulty and learning that is progressively more challenging of the resident's intellect and technical skills.
  1. Experience in basic anesthesia training is intended to emphasize basic and fundamental aspects of the management of anesthesia. It is recommended that at least 12 months of the CA-1 and CA-2 years be spent in basic anesthesia training with a majority of this time occurring during the CA-1 year.
  2. Subspecialty anesthesia training experiences are required in order to emphasize the theoretical background, subject material, and practice of subdisciplines of anesthesiology. These subdisciplines include obstetric anesthesia, pediatric anesthesia, cardiothoracic anesthesia, neuroanesthesia, anesthesia for outpatient surgery, recovery room care, regional anesthesia, and pain management. It is recommended that these experiences be in the form of subspecialty rotations, and that they occupy 7 to 12 months of the CA-1 and CA-2 years. The sequencing of these rotations in the CA-1 and CA-2 years is left to the discretion of the program director.



In addition to the above requirements for subspecialty experiences, 2 months of training in the subspecialty of critical care medicine are required at some time during the clinical anesthesia years. An acceptable critical care rotation should include active participation in patient care by anesthesia residents, active involvement by anesthesia faculty experienced in the practice and teaching of critical care, and an appropriate population of critically ill patients, which includes a substantial number with multisystem disease whose care requires invasive monitoring and mechanical ventilation. Experience in routine, short-term, or overnight postanesthesia units or intermediate step-down units or emergency rooms does not fulfill this requirement.

3. Experience in advanced anesthesia training constitutes the CA-3 year. Clinical rotations in fulfillment of the CA-3 year requirement must follow completion of the clinical base and CA-1-2 years. The resident and program director in collaboration will select one of the three tracks designated as the advanced clinical track, subspecialty clinical track, or clinical scientist track. Regardless of the track selected, resident assignments in the CA-3 year should include the more difficult or complex anesthetic procedures and care of the most seriously ill patients.

Residents in the advanced clinical track are required to complete a minimum of 6 months of experience in advanced and complex clinical anesthesia assignments. The remaining 6 months may be spent in one to three selected subspecialty rotations or, alternatively, additional complex clinical anesthesia assignments may be selected.

Residents in the subspecialty clinical track may complete 9 to 12 months' experience in one subspecialty rotation along with up to 3 months of advanced experience in complex clinical anesthesia assignments. Alternatively, 6 months' experience in each of two subspecialty rotations may be selected. Such rotations may include some time assigned to medical or surgical activities directly related to the anesthetic subspecialty.

The clinical scientist track consists of clinical training and research experience during the anesthesia residency. There are two options for fulfilling the requirements of this track. Regardless of the option chosen, residents who elect this track must have a satisfactory clinical competence committee report for the 6-month period immediately preceding the beginning of the research experience.

Option A of the clinical scientist track may be fulfilled by completing 6 months of advanced or subspecialty clinical training and 6 months of clinical or laboratory investigative experience in the CA-3 year. Exceptions to this sequencing requirement must be requested prospectively by the resident's anesthesiology program director.

Option B of the clinical scientist track is intended for residents who plan a career as an academic investigator. After completing the clinical base year and 12 months of clinical anesthesia, the residents must complete 18 months of clinical anesthesia training and 18 months of research experience. The anesthesiology program director may request up to 6 months of credit toward the research component of the academic investigator option for residents with a PhD degree in a discipline of relevance to the science or practice of anesthesiology. Residents who elect the academic investigator option must fulfill all of its requirements to satisfy the training required for entrance into the ABA examination system.

The anesthesiology program director may request up to 6 months of credit toward the research component of the aca-

ademic investigator option for residents with a PhD degree in a discipline of relevance to the science or practice of anesthesiology, as determined by the Credentials Committee of the ABA. The ABA must receive the request after the resident has completed a minimum of six months of clinical anesthesia training satisfactorily and before the resident begins the research component. The request must include the anesthesiology program director's recommendation that a specific number of months of credit be granted, acceptable documentation of the resident's PhD degree and discipline, and a current copy of the resident's curriculum vitae.

The Credentials Committee of the ABA will consider such requests on an individual basis. Approval of requests for research credit for a PhD degree is at the discretion of the Credentials Committee. Credit that has been approved will be granted upon completion of the remaining requirements of the continuum of education in anesthesiology only for the resident whose overall clinical competence is graded satisfactory for every period of clinical anesthesia training.

- C. Credit toward the CA-1-3 year requirements is granted by the ABA for clinical anesthesia training that satisfies all of the following conditions
  1. The CA-1-3 years of training are spent in or under the sponsorship of at most two ACGME-accredited anesthesia residency programs.
  2. The period of clinical anesthesia training in or under the sponsorship of any single program is at least 6 months.
  3. The final period of training in each program ends with receipt of a satisfactory certificate of clinical competence. The final period must cover at least 6 months of clinical anesthesia training if the certificate of clinical competence for the immediately preceding period of training in the program was unsatisfactory. When the final period of training in any program ends with receipt of an unsatisfactory certificate, credit is granted for clinical anesthesia training in that program only to the date of the most recent satisfactory certificate received by the resident from that program.
  4. No more than 6 months during the first 2 clinical anesthesia years, and a maximum of 12 months during the 3 years of clinical anesthesia training, are spent training outside the parent programs in affiliated or nonaffiliated institutions.
- D. The Credentials Committee of the ABA considers requests for exceptions to policies regarding the training planned for residents, or other requests, on an individual basis. The ABA office must receive the request from the department chair on behalf of a resident at least 2 months before the resident begins the training in question. It is the responsibility of the department chair and the resident to ensure that the request is timely received.

Requests for approval of clinical anesthesia training outside the parent program must include a chronological description of the rotations, information about the supervision of the resident, and assurances that the resident will be in compliance with the limits on training outside the parent program if the request is approved. Further, the resident must remain enrolled in the parent program while training at an affiliated or nonaffiliated institution, and the parent program must report the training on the clinical competence committee report filed for the period on the resident's behalf.

### Principal Objectives

The anesthesiology examination system of the ABA has two distinct parts, the written examination and the oral examination. Each is designed to assess different aspects of the candidate's ability to function as a consultant in anesthesiology as defined by the ABA.

A consultant in anesthesiology is a physician who possesses knowledge, judgment, adaptability, clinical skills, technical facility, and personal characteristics sufficient to carry out the entire scope of anesthesiology practice. A consultant in anesthesiology is able to communicate effectively with peers, patients, their families, and others involved in the medical community. The consultant can serve as an expert in matters related to anesthesiology, deliberate with others, and provide advice and defend opinions in all aspects of the specialty of anesthesiology. A Board-certified anesthesiologist is able to function as the leader of the anesthesiology care team.

Because of the nature of the role of the consultant anesthesiologist, the consultant must be able to deal with emergent life-threatening situations in an independent and timely fashion. The ability to acquire and process information in an independent and timely manner is central to ensure individual responsibility for all aspects of anesthesiology care. Adequate physical and sensory faculties, such as eyesight, hearing, speech, and coordinated function of the extremities, are essential to the independent performance of the functions of a consultant anesthesiologist. Freedom from the influence of or dependency on chemical substances that impair cognitive, physical, sensory, or motor functions also is an essential characteristic of the consultant anesthesiologist.

The written examination is designed to assess the knowledge base and the cognitive and deductive skills of the candidates. It is necessary for candidates to pass the written examination to qualify for the oral examination.

The oral examination is designed to measure those aspects of the candidate's ability not readily tested by written examination. Specifically, it is designed to assess the candidate's ability to manage patients presented in clinical scenarios. The candidate's decision-making ability is evaluated with particular emphasis on the scientific and clinical rationale that led to those decisions. In addition, the candidate's ability to manage surgical and anesthetic complications, as well as unexpected changes in the clinical situation, is assessed. The principal thrust is to determine whether candidates recognize the pertinent aspects of a clinical scenario, make rational diagnoses, and develop appropriate treatment protocols. Equally important, the oral examination is designed to establish whether the candidate can effectively communicate this information to others.

### Irregular Behavior

The Board acts to maintain the integrity of its examination and certification process and to ensure the equitable and objective administration of its examinations to all candidates. Information about behavior that the Board considers a violation of the integrity of its examination and certification process is sent to all candidates scheduled for examination. Statistical analyses may be conducted to verify observations and reports of suspected irregularities in the conduct of an examination. The examination of a candidate whose conduct, in the Board's judgment, violates or attempts to violate the integrity of its examination and certification process will be invalidated and no results will be reported. Furthermore, the candidate will be subject to punitive action as determined by the Board. In that event the candidate would be informed of the reasons for the Board's actions and could request an opportunity to present information deemed relevant to the issue and to petition the Board to reconsider its decision.

### Nonstandard Examination Administration

The ABA supports the intent of the Americans with Disabilities Act (ADA) and has a process for considering requests that its assessment programs be modified to accommodate an individual with a disability. Anyone having questions about the process should write or call the Executive Vice President of the Board at the ABA office.

### Unforeseeable Events

In the event a natural disaster, war, government regulations, strikes, civil disorders, curtailment of transportation facilities, or other unforeseeable events make it inadvisable, illegal or impossible for the ABA to administer an examination to a candidate at the appointed date, time, and location, or to conclude a candidate's examination, the ABA is not responsible for any of the expense the candidate may have incurred to be present for the examination, nor for any such expense the candidate may incur for any substitute examination.

### Application Form

Application for admission to the examination system of the ABA must be made to the Secretary upon a form prescribed by the Board. Photocopies or facsimiles of the application form are not acceptable.

Proper forms for making application and other information may be obtained by writing to the Secretary, American Board of Anesthesiology (100 Constitution Plaza, Hartford, CT 06103-1796). An applicant must request an application form by writing to the Board. Telephone requests are not acceptable.

### Filing and Documentation Deadlines

The completed application and the appropriate fee must be received by the ABA on or before January 10 of the year in which the written examination is to be administered. The January 10 deadline for receipt of completed applications is absolute, and no application will be accepted after that date for any reason.

The ABA must receive all documentation it requires to make a determination about an applicant's qualifications for admission to examination no later than 60 calendar days after the deadline for filing an application for the examination. This includes, but is not limited to, references and evidence of medical licensure or of having qualified for such licensure. An application will not be accepted if the required documentation is not received by that date.

### Applicant Declaration and Consent

The application form includes the following statement, which the applicant shall be required to sign.

"I hereby make application to the American Board of Anesthesiology, Inc, for the issuance to me of a certificate, and for examination relative thereto, all in accordance with and subject to its rules and regulations, and the fee requested. I agree to disqualification from examination or from the issuance of a certificate or to forfeiture and redelivery of such certification in the event that any of the statements heretofore made by me are false or in the event that any of the rules governing such examinations are violated by me or in the event that I did not comply with or shall violate any of the provisions of the Certificate of Incorporation or By-laws of the American Board of Anesthesiology, Inc, or both, as then constituted. I understand that the American Board of Anesthesiology, Inc, may report my status in the examination system, including the result of any written or oral examination, to the director of the program in which I completed my training in clinical anesthesiology either routinely or upon the request of such program director, use any score in psychometric analyses to confirm observations and reports of suspected irregularities in the conduct of an examination, and respond to any inquiry about my status in its examination system in accordance with its policy as then constituted. I authorize any and all repositories to grant access to or to produce copies for the American Board of Anesthesiology, Inc, of all documents and records containing information and data pertaining to my practice of the medical specialty of anesthesiology and its subdisciplines. I understand that such information and data will be used exclusively to study and as-

sess the certification processes of the American Board of Anesthesiology, Inc. More particularly, such information as it pertains to me shall be held in confidence and shall be reported or released only as a part of the aggregate of such information gathered and studied without specific reference to myself or any other individuals. Such information and data will not bear in any way whatsoever upon the decision of the American Board of Anesthesiology, Inc, whether or not to grant me a certificate. I agree to hold the American Board of Anesthesiology, Inc, its members, examiners, officers, and agents free from any damage or complaint by reason of any action they, or any of them, take in connection with this application, such examinations, the grade or grades given with respect to any examination, the failure of said Board or corporation to issue to me such certification, the gathering and collecting of information and data about my practice of anesthesiology, or the use of such information or data in studies of the certification processes of the American Board of Anesthesiology, Inc, as described above."

The application form also includes the following consent, which the applicant shall be required to sign.

"I, the undersigned, in connection with my application for certification by the American Board of Anesthesiology, Inc, hereby authorize the American Board of Anesthesiology, Inc, to request, procure and review any information regarding my medical practice, professional standing and character, including any information related to any disciplinary action related to the practice of medicine by any state licensing agency or any institution in which I have practiced medicine and any information related to any history of substance abuse or chemical dependency and any treatment or rehabilitation related thereto.

"I hereby authorize the American Board of Anesthesiology, Inc, to request and procure such information from any individual or institution, each of which shall be absolutely immune from civil liability arising from any act, communication, report, recommendation or disclosure of any such information even where the information involved would otherwise be deemed privileged so long as any such act, communication, report, recommendation or disclosure is performed or made in good faith and without malice.

"I hereby authorize the American Board of Anesthesiology, Inc, to supply a copy of this consent, which has been executed by me, to any individual or institution from which it requests information relating to me."

### Entrance Requirements

To enter the examination system of the ABA, the applicant shall

- A. Have graduated from a medical school approved by the Liaison Committee for Medical Education, or have met medical educational requirements otherwise acceptable to the ABA.
- B. Provide evidence satisfactory to the Board of having been awarded a medical or osteopathic degree acceptable to the Board.
- C. Provide evidence acceptable to the Board of having satisfied the licensure requirement for certification (see "Primary Certification in Anesthesiology Certification Requirements" A).

Residents in training may submit evidence with their application of having qualified on examinations that provide eligibility for medical licensure (eg, NBME Part III or FLEX I and II). Residents who do so must have evidence of permanent and unrestricted medical licensure on file in the ABA office by November 30 of the year in which the written examination for which they applied is administered.

- D. Have on file in the Board Office evidence of having satisfactorily fulfilled all requirements of the continuum of education in anesthesiology before the date of examination and after receiving a medical or osteopathic degree. Such evidence must include a sat-

isfactory certificate of clinical competence covering the final 6 months of clinical anesthesia training in each residency program (see paragraph C in "Continuum of Education in Anesthesiology" and "Certificate of Clinical Competence"). A grace period will be permitted so that applicants completing this requirement by August 31 may apply for the immediately preceding July written examination.

- E. Have on file with the Board evaluations of various aspects of his or her current practice of anesthesiology as solicited by the Board in determining the applicant's qualifications for admission to the examination system. Such evaluations may be requested from the residency program director or others familiar with the applicant's current practice of anesthesiology. The clinical competence committee report from the department and the evaluation of the program director and others will be used as the basis for assessing admission qualifications. The response of the program director will be given considerable weight in these deliberations.
- F. Submit proof with the application of having reestablished his or her qualifications for admission to the examination system only if residency training was completed more than 12 years before the date of application or a second or subsequent application has been declared void. Acceptable proof is documentation of having qualified on an entry examination designated by the Board or of having completed a 12-month term of additional clinical training in anesthesia in an ACGME-accredited program with receipt of a satisfactory certificate of clinical competence covering the final 6 months.

The Board has designated the examination administered annually by the Joint Council on In-Training Examinations as the entry examination. Information about the entry examination and a registration form may be obtained by writing the Joint Council c/o the American Society of Anesthesiologists.

The Board shall determine that entry into the examination system is merited when a judgment of adequate levels of scholarship and clinical competence can be made from the information submitted.

### Certificate of Clinical Competence

The Board requires every residency training program to file, on forms provided by the Board, an evaluation of clinical competence in January and July on behalf of each resident who has spent any portion of the prior 6 months in clinical anesthesia training in or under the sponsorship of the residency program and its affiliates.

Entry into the examination system is contingent upon the applicant having a certificate of clinical competence on file with the Board attesting to satisfactory clinical competence during the final period of clinical anesthesia training in or under the sponsorship of each program (see "Continuum of Education in Anesthesiology" C[3] for details). The Board, therefore, will deny entry into the examination system until this requirement is fulfilled.

### Absence from Training

The total of any and all absences during clinical anesthesia training may not exceed the equivalent of 20 working days per year. Attendance at scientific meetings, not to exceed 5 working days per year, shall be considered a part of the training program. Duration of absence during the clinical base year may conform to the policy of the institution and department in which that portion of the training is served. Absences in excess of those specified will require lengthening of the total training time to the extent of the additional absence.

A lengthy interruption in training may have a deleterious effect upon the resident's knowledge or clinical competence. Therefore, when there is an absence for a period in excess of 6 months, the cre-

dentials committee of the ABA shall determine the number of months of training the resident will have to complete subsequent to resumption of the residency program to satisfy the training required for admission to the ABA examination system.

### Entrance Into the System

The ABA will notify an applicant who is admissible to its examination system after approval of all credentials. The Board, acting as a committee of the whole, reserves the right to reject an applicant for any reason deemed appropriate. If the applicant wishes to exercise the right to appeal this decision, the applicant shall inform the Board of this intention within 30 days of the date of receipt of the rejection notification. The Board reserves the right to correct clerical errors affecting its decisions.

The Board Office is not responsible for breaks in communication with candidates that are due to circumstances beyond its control. Candidates must send the Board written notice of an address change immediately so that the Board's examination notices will not go astray, and they must call the Board Office if they do not receive an examination notice they are expecting within the time frame described above. The candidate's social security number is used by the Board for identification purposes and should be included on all correspondence with the Board.

### Examination Notices

The ABA sends notification of an examination and a reply form to every candidate eligible to appear for the examination at least 4 months prior to the examination date. The notification is sent to candidates at their address of record on file in the Board Office.

Candidates are required to respond to every written and oral examination notice by the response date established by the ABA, whether or not they accept the examination opportunity. Every reply to an examination notice will be acknowledged within 2 weeks of its receipt in the Board Office.

Candidates scheduled to appear for examination are notified of the exact date, time, and location of their examination and the rules for its conduct approximately 2 months before the date of examination.

Under certain circumstances the ABA, entirely at its discretion, may grant a candidate's request for an excused absence from any scheduled examination without forfeiture of the opportunity. Such a request must be filed in writing, include the candidate's reason, and arrive in the ABA office by the response deadline specified in the examination notice or, for scheduled candidates, by the examination date. A candidate may be excused from examination if it is determined the reason warrants such a decision and there is sufficient time remaining in the application period to provide the number of examination opportunities the candidate is permitted. Candidates excused from an examination are required to appear at the next examination for which they are eligible.

### Written Examination

Written examinations are held annually in locations throughout the United States and Canada on a Saturday in July. Written examinations cover the basic and applied aspects of physiological, physical, and clinical sciences. A passing grade, as determined by the Board, is required.

### Oral Examination

Candidates who complete the written examination successfully must wait at least 6 months before being declared eligible for oral examination. Oral examinations are conducted in the spring and fall of each year at a single location in the United States. Examiners consist of Directors of the Board and others who assist as associate

examiners. Oral examinations evaluate all phases of anesthesiology, but emphasize clinical practice. A passing grade, as determined by the Board, is required.

It is an ABA regulation that candidates will not be scheduled to appear at consecutive oral examinations. Therefore, candidates who do not pass an oral examination for which they are scheduled, for whatever reason, are not eligible to appear at the next regularly scheduled oral examination.

The Board reserves the right to limit the number of candidates to be admitted to any examination. Places in the oral examination schedule are limited and assigned in the sequence acceptances are received. Candidates who are not given an examination appointment, whether or not they accepted the examination opportunity, are required to appear at the next examination for which they are eligible.

### Fees

The application fee for primary certification in anesthesiology is \$1,100. It must accompany the application. For completed applications received between January 11 and November 20 of the previous year, the application fee is \$1,000—a reduction of \$100 for early filing.

The reexamination fee is \$200 for the anesthesiology written examination and \$700 for the oral examination. The reexamination fee will be charged candidates whether they have failed a previous examination, canceled a scheduled appointment for examination, or failed to appear for any examination for which they were properly scheduled.

A charge of \$50 will be made whenever a check in payment of a fee is returned for nonpayment.

A nonrefundable fee for administrative services is included in the application fee. It is \$200 for applications for primary certification that arrive after November 20 and \$100 for those received before that date. In the event an application is not accepted, or the application is accepted and subsequently withdrawn by the candidate, the fee for administrative services will be retained and the balance of the application fee will be refunded. No fee will be remitted if the candidate's notice of withdrawal from the examination system is received in the Board Office after the deadline by which candidates must notify the Board of their choice of test center for the first written examination for which they are eligible.

The ABA is a nonprofit organization. The fees for application and examination are computed on a basis of cost of maintaining the functions of the Board. The Board reserves the right to change the fees when necessary.

### Reapplication

The application of a candidate who has failed to satisfy the examination requirements in the prescribed number of opportunities or time for whatever reason shall be declared void. The physician may reapply by submitting a new application. Such application shall be subject to the fees, rules, privileges, and requirements that apply at the time of reapplication. The applicant who is adjudged to meet existing requirements will be readmitted into the examination system.

The reapplicant for primary certification who has had a second or subsequent application declared void for any cause, or has completed anesthesia residency training more than 12 years before the date of reapplication, must reestablish his/her qualifications for admission to the examination system before filing another application. The manner in which this may be done is described in paragraph F of the "Entrance Requirements" section. In all instances, the candidate must pass both the written and oral examinations under the new application.

## Status of Individuals

The ABA reserves to itself exclusively the right to define and confer Board-eligible status whenever such status refers to an individual's relationship to the ABA examination and certification system. The ABA shall confer Board-eligible status only on physicians who are candidates in its examination system. Thus, physicians are Board-eligible only when they are eligible to appear for an ABA examination. Board-eligible status is not conferred indefinitely.

Inquiries about the current status of individuals should be addressed to the ABA office, which will respond with one of the following statements:

- A. The physician is certified by the ABA.
- B. The physician is Board-eligible in anesthesiology.
- C. The physician is neither certified by the ABA nor Board-eligible.

## Royal College Certification

The policy of the ABA regarding the Fellowship certificates awarded by the Australian and New Zealand College of Anaesthetists, the Royal College of Physicians and Surgeons of Canada, the Royal College of Anaesthetists of England, the Faculty of Anaesthetists of the Royal College of Surgeons in Ireland, and the College of Anaesthetists of South Africa expired December 31, 1993.

Holders of one of these Fellowships (ie, FFAs) who wish to attain primary certification by the ABA may qualify to apply to the ABA for examination by satisfactorily completing one year of training as a CA-3 year resident in an ACGME-accredited program no later than August 31, 1995. The content of the year of training must have been approved prospectively by the Credentials Committee of the ABA. The ABA office had to receive the program director's request for prospective approval by December 31, 1993.

Alternatively, FFAs may qualify to apply for admission to the ABA examination system by completing two years of full-time anesthesiology practice in the United States or its jurisdictions, the second year of which must have occurred between January 1, 1992, and December 31, 1995.

FFAs who qualify for ABA examination on the basis of a CA-3 year of training or two years of anesthesia practice in the United States must sit for their first ABA examination no later than 1997. The deadline for filing an application for the 1997 ABA examination is January 10, 1997.

All ABA policies that apply to other applicants and candidates for primary certification will apply to FFA applicants and candidates EXCEPT that FFAs who completed their most recent year of clinical training in anesthesiology more than twelve years ago will not have to reestablish their admission qualifications before filing their first application with the ABA.

A physician must be a diplomate of the ABA to be eligible to qualify for an ABA subspecialty certificate or the certificate of continued demonstration of qualifications. FFAs who wish to attain an ABA subspecialty certificate are advised that one year of residency training in an ACGME-accredited anesthesiology program will not satisfy the training requirements for both primary and subspecialty certification. The ABA policies that apply to other applicants and candidates for subspecialty examination and certification will apply to FFA applicants and candidates without exception.

## Alcoholism and Substance Abuse

The Americans with Disabilities Act (ADA) protects individuals with a history of alcoholism who are rehabilitated and protects former drug users who currently do not use drugs illegally. The ABA supports the intent of the ADA.

The ABA will admit qualified applicants and candidates with a history of alcoholism to its examination system and to examination

if they submit documentation acceptable to the ABA that they do not currently pose a direct threat to the health and safety of others.

The ABA will admit qualified applicants and candidates with a history of illegal use of drugs to its examination system and to examination if they submit documentation acceptable to the ABA that they currently are not actively engaged in the illegal use of drugs.

After a candidate with a history of alcoholism or illegal use of drugs satisfies the examination requirements for certification, the ABA will determine whether it should defer awarding its certification to the candidate for a period of time in order to avoid certification of a candidate who poses a direct threat to the health and safety of others. If the ABA determines that deferral of the candidate's certification is appropriate because the candidate does currently pose a threat to the health and safety of others, the ABA will determine the length of time the candidate's certification is deferred following an individual assessment of the specific circumstances of the candidate's history of alcoholism or illegal use of drugs.

## Revocation of Certificate

A certificate is issued by the Board with the understanding that it remains the property of the Board during the life of the diplomate. Any certificate issued by the Board shall be subject to revocation in the event that

- A. The issuance of such certificate or its receipt by the person so certified shall have been contrary to, or in violation of, any provision of the certificate of incorporation of this Board or its by-laws; or
- B. The person certified shall not have been eligible to receive such certificate whether or not the facts making him/her ineligible were known to, or could have been ascertained by, the Board or any of the directors at the time of issuance of such certificate; or
- C. The person certified shall have made any misstatement of fact in his or her application for such certificate or in any other statement or representation to the Board or its representatives; or
- D. The person certified shall fail to maintain a moral, ethical, and professional standing satisfactory to the Board.

The Board shall be the sole judge of whether the evidence or information before it is sufficient to require or permit revocation of any certificate issued by the Board, and the decision of the Board shall be final.

## Recertification

Insufficient confidence in currently available methods of assessing continuing competence of the practicing anesthesiologist makes it inappropriate to implement a recertification process at this time. The ABA will continue to study all options for a meaningful recertification program but intends to expend its major effort and resources toward improvement of the process leading to primary certification and the voluntary program for continued demonstration of qualifications.

## Records Retention

The ABA retains documents pertaining to an individual's residency training, application for certification, examination opportunities, and examination results for the sole purpose of determining that its requirements for admission to examination for certification are fulfilled.

In the absence of an application for certification, documents pertaining to the ABA entrance requirements are retained for 7 years from the date of the most recent correspondence to or from the ABA regarding the requirements. Documents pertaining to an unsuccessful application are retained until the individual submits another application to the ABA or the aforementioned 7-year period expires, whichever occurs first. Documentation corroborating the re-

sults of a candidate's examination is retained until one year after the date of the most recent correspondence to or from the ABA regarding the results. Documentation corroborating the candidate's fulfillment of the ABA certification requirements is retained until 1 year after the date of the most recent correspondence to or from the ABA regarding the candidate's certification by the ABA. The ABA sees to the secure destruction of the documents in its file for an individual when the period specified for retention of the documents has expired.

The ABA retains indefinitely an electronic record for residents who trained in an ACGME-accredited anesthesiology program. This record includes entries that identify the training program, the dates of training, and the overall evaluation of the resident.

The ABA retains indefinitely microfiche and electronic records for candidates issued its certification. These records include documents and entries attesting that each certification requirement was met.

## Certification of Special Qualifications in Critical Care Medicine

### A. Definition of Critical Care Medicine

The discipline of critical care medicine has evolved over the past few decades in parallel with the development of techniques and technology for acute and long-term life support of patients with multiple organ system derangement. Because the problems encountered in the critically ill patient encompass aspects of many different specialties, critical care medicine is a multidisciplinary endeavor that crosses traditional department and specialty lines.

The critical care medicine physician is a specialist whose knowledge is of necessity broad, involving all aspects of management of the critically ill patient, and whose primary base of operation is the intensive care unit (ICU). This physician has completed training in a primary specialty and has received additional training in critical care medicine aspects of many disciplines. This background enables the physician to: work in concert with the various specialists on the patient care team in the ICU; utilize recognized techniques for vital support; teach other physicians, nurses, and health professionals the practice of intensive care; and foster research.

Thus, critical care medicine is a discipline based in an intensive care unit with its primary concern being the care of the patient with a critical illness.

### B. Certification Requirements

To be awarded a certificate of special qualifications in critical care medicine by the ABA, each applicant must

1. Be a diplomate of the ABA.
2. Fulfill the licensure requirement for certification (see "Primary Certification in Anesthesiology Certification Requirements" A).
3. Fulfill the requirement of the continuum of education in critical care medicine as defined by the ABA.
4. Satisfy the critical care medicine examination requirement of the ABA.

### C. Continuum of Education in Critical Care Medicine

The continuum of education in critical care medicine consists of 12 months of formal training in critical care medicine following completion of the continuum of education in anesthesiology. The training must be in a critical care medicine program accredited by the Residency Review Committee for Anesthesiology.

Training in critical care medicine should not be interrupted by frequent or prolonged periods of absence. Absences during the year of formal training in excess of that permitted by the institution or department will require lengthening of the total training time to the extent of the additional absence.

### D. Entrance Requirements

To enter the critical care medicine examination system of the ABA, the applicant shall

1. Submit evidence that he/she is certified by the ABA.
2. Submit proof of having fulfilled the licensure requirement for certification.
3. Have on file in the ABA office documentation of having fulfilled the requirement of the continuum of education in critical care medicine.

Evaluation of various aspects of the applicant's credentials and performance will be solicited by the ABA in assessing his or her qualifications for admission to its critical care medicine examination system. The Board shall determine that entry into its critical care medicine examination system is merited when judgment of adequate levels of scholarship and clinical competence can be made from the information submitted.

Certification by other entities will not be considered as meeting any of the requirements for entrance into the ABA critical care medicine examination system.

### E. Application Procedure

1. The proper application form and other information may be obtained by writing to the Secretary, the American Board of Anesthesiology (100 Constitution Plaza, Hartford, CT 06103-1796). An applicant must request an application form by writing to the Board. Telephone requests are not acceptable.

Application for admission to the examination system of the ABA must be made to the Secretary upon a form prescribed by the Board. Photocopies or facsimiles of the application form are not acceptable.

2. The application form includes the identical statements of declaration and consent included in the application for primary certification. The applicant for examination in critical care medicine shall be required to sign each statement.

### F. Filing and Documentation Deadlines

The completed application and the appropriate fee for the 1995 critical care medicine examination must be received by the ABA on or before March 1, 1995. Applications received after the deadline will not be accepted.

The ABA must receive all documentation it requires to make a determination about an applicant's qualifications for admission to examination no later than May 1, 1995. This includes but is not limited to references, evidence of medical licensure, and verification that the training requirement is met. An application will not be accepted if the required documentation is not received by that date.

### G. Fees

The application fee for admission to the critical care medicine examination system is \$1,000. It must accompany the application.

A nonrefundable fee for administrative services of \$250 is included in the application fee. The reexamination fee for the critical care medicine examination is \$750. The ABA policies regarding the administrative services fee and the reexamination fee are stated under "Filing and Documentation Deadlines."

A charge of \$50 will be made whenever a check in payment of a fee is returned for nonpayment.

### H. Examination System

The ABA will notify an applicant who is accepted as a candidate for its critical care medicine examination after approval of all credentials. The Board, acting as a committee of the whole, reserves the right to reject an applicant for any reason deemed appropriate. The Board reserves the right to correct clerical errors affecting its decisions.

The written examination in critical care medicine is designed to test for the presence of basic knowledge that is considered essential for the ABA diplomate to function as a practitioner of critical care medicine. The examination analyzes the cognitive and deductive skills, as well as the clinical judgment, of the candidates.

Current plans are to administer the critical care medicine examination at one or more locations in the United States no more frequently than once every 2 years. The ABA will mail notice to all eligible candidates announcing the location(s) and date of the critical care medicine examination approximately 4 months prior to the date of its scheduled administration.

Every candidate is given three opportunities to satisfy the critical care medicine examination requirement. Failure to satisfy the examination requirement within the three opportunities or the prescribed time, whichever comes first, will result in the candidate's application being declared void.

The prescribed period of time for the successful completion of the examination for certification of special qualifications in critical care medicine is the time between the date of the first examination for which the candidate is declared eligible and the next three consecutive administrations of the critical care medicine examination. Thus, the ABA, at its discretion, may excuse a candidate from at most one critical care medicine examination without forfeiture of an opportunity.

The ABA policies regarding examination notices, candidate responses, address changes, and excused absences are stated on the preceding pages. Its policies regarding examination under nonstandard conditions, irregular examination behavior, and unforeseeable events may also be found on the preceding pages.

#### I. Status of Individual

Inquiries about the current status of physicians relative to the ABA critical care medicine certification system should be addressed to the ABA office. The ABA will affirm the status of physicians who are certified in critical care medicine by the ABA. For others, the response to the inquiry will be in keeping with the ABA policy.

#### J. Reapplication

The application of a candidate who has failed to satisfy the critical care medicine examination requirement in the prescribed number of opportunities or time, for whatever reason, shall be declared void. The physician may reapply by submitting a new application. Such application shall be subject to the fees, rules, privileges, and requirements that apply at the time of reapplication. The applicant who is adjudged to meet existing requirements will be readmitted into the examination system.

Every reapplicant who qualified previously by Temporary Criteria is required to have completed satisfactorily the 1-year Continuum of Education in Critical Care Medicine.

### Certification of Added Qualifications in Pain Management

#### A. Definition of Pain Management

Pain management is the medical discipline concerned with the diagnosis and treatment of the entire range of painful disorders. Because of the vast scope of the field, pain management is often considered a multidisciplinary subspecialty. The expertise of several disciplines is brought together in an effort to provide the maximum benefit to each patient. Although the care of patients is heavily influenced by the primary specialty of physicians who subspecialize in pain management, each member of the pain treatment team understands the anatomical and physiological basis of pain perception, the psychological factors that modify the pain experience, and the basic principles of pain management.

#### B. Certification Requirements

To be awarded a certificate of added qualifications in pain management by the ABA, each applicant must

1. Be a diplomate of the ABA.
2. Fulfill the licensure requirement for certification (see "Primary Certification in Anesthesiology Certification Requirements" A).
3. Fulfill the requirement of the continuum of education in pain management as defined by the ABA.
4. Satisfy the pain management examination requirement of the ABA.

The ABA certificate of added qualifications in pain management will be valid for a period of 10 years from its date of issuance. It is left to the holder of the subspecialty certificate when to reapply to the ABA for examination and renewal of the pain management certification.

#### C. Continuum of Education in Pain Management

The continuum of education in pain management consists of 12 months of formal training in acute, chronic, and oncology pain management. The 12 months of pain management training must follow the successful completion of the continuum of education in anesthesiology. The training must be in a pain management program accredited by the Residency Review Committee for Anesthesiology. However, if the training begins before January 1, 1995, and is approved prospectively by the Credentials Committee of the ABA, it may be in an ACGME-accredited anesthesiology program that does not yet have an accredited pain management program.

Training in pain management should not be interrupted by frequent or prolonged periods of absence. Absences during the year of formal training in excess of that permitted by the institution or department will require lengthening of the total training time to the extent of the additional absence.

#### D. Entrance Requirements

To enter the pain management examination system of the ABA, the applicant shall

1. Submit evidence that he/she is certified by the ABA.
2. Submit evidence acceptable to the Board of having satisfied the medical licensure requirement for certification.
3. Have on file in the Board Office documentation of having fulfilled the requirements of the continuum of education in pain management (see "Continuum of Education in Pain Management" or "Temporary Criteria").

Evaluation of various aspects of the applicant's credentials and performance will be solicited by the ABA in assessing his/her qualifications for admission to its pain management examination system. The Board shall determine that entry into its pain management examination system is merited when judgment of adequate levels of scholarship and clinical competence can be made from the information submitted.

Certification by other entities will not be considered as meeting any of the requirements for entrance into the ABA pain management examination system.

#### E. Temporary Criteria

The ABA recognizes that initially many applicants will not have received formal pain management training. Therefore, it has established temporary criteria that eligible pain management practitioners can fulfill to satisfy the requirement of the Continuum of Education in Pain Management. Applicants who qualify under the temporary criteria must satisfy the entrance requirements listed under "Entrance Requirements" 1 and 2.

Applicants cannot qualify under temporary criteria for pain management examinations that are administered after 1998.

1. Applicants are eligible to qualify under the temporary criteria only if they complete the Continuum of Education in Anesthesiology before September 1, 1993.

Candidates whose first application is declared void following three opportunities to satisfy the examination requirement may not qualify for readmission to the examination system under the temporary criteria.

2. The temporary criteria can be fulfilled in the following ways
  - a. The satisfactory completion of 12 months of formal training in acute, chronic, and oncology pain management, whose content and setting is acceptable to the ABA. Training in fulfillment of the temporary criteria that begins after May 1, 1994, must be approved prospectively by the Credentials Committee of the ABA. The Credentials Committee will not accept requests for prospective approval that are received after May 1, 1997.
  - b. The completion of the equivalent of 24 months of continuous, full-time pain management practice.

Credit will be granted for pain management practice only during the 8 years immediately preceding the date of the examination for which application is made. The applicant must be practicing pain management continuously during the period for which credit is requested.

Practice credit will be granted in proportion to the percent of the applicant's time each year spent practicing pain management, except that no credit will be granted for any year in which less than 25% of the applicant's professional time was spent practicing pain management.

Verification of the percent of professional time devoted annually to the practice of pain management and of clinical competence in anesthesiology pain management must be documented for the applicant by the Chief of Anesthesiology or the Pain Management Director. If the applicant holds both of these titles, another diplomate of the ABA must document these facts for the applicant.

- c. A combination of pain management training and continuous practice that the Credentials Committee of the ABA deems to be the equivalent of 12 months of full-time pain management training.

Exceptions to the above temporary criteria that could be considered equivalent combinations of training and practice will be considered by the Credentials Committee of the ABA on an individual basis.

#### F. Application Procedure

The proper application form and other information may be obtained by writing to the Secretary, American Board of Anesthesiology, 100 Constitution Plaza, Hartford, CT 06103-1796. An applicant must request an application form by writing to the Board. Telephone requests are not acceptable.

Application for admission to the examination system of the ABA must be made to the Secretary upon a form prescribed by the Board. Photocopies or facsimiles of the application form are not acceptable.

The application form includes the identical statements of declaration and consent included in the application for primary certification. The applicant for examination in pain management shall be required to sign each statement.

#### G. Filing and Documentation Deadlines

The completed application and the appropriate fee for the 1996 pain management examination must be received by the ABA on or before March 1, 1996. Applications received after the deadline will not be accepted.

The ABA must receive all documentation it requires to make a determination about an applicant's qualifications for admission to ex-

amination no later than May 1, 1996. This includes but is not limited to references, evidence of medical licensure, and verification that the training requirement or temporary criteria are met. An application will not be accepted if the required documentation is not received by that date.

#### H. Fees

The application fee for admission to the pain management examination system is \$1,000. The fee must accompany the application.

A nonrefundable fee for administrative services of \$250 is included in the application fee. The reexamination fee for the pain management examination is \$750. The ABA policies regarding the administrative services fee and the reexamination fee are stated on the preceding pages.

A charge of \$50 will be made whenever a check in payment of a fee is returned for nonpayment.

#### I. Examination System

The ABA will notify an applicant who is accepted as a candidate for its pain management examination after approval of all credentials. The Board, acting as a committee of the whole, reserves the right to reject an applicant for any reason deemed appropriate. The Board reserves the right to correct clerical errors affecting its decisions.

The written examination in pain management is designed to test for the presence of basic knowledge that is considered essential for the ABA diplomate to function as a practitioner of pain management. The examination analyzes the cognitive and deductive skills as well as the clinical judgment of the candidates.

Current plans are to administer the pain management examination at one or more locations in the United States no more frequently than once every 2 years. The ABA will mail notice to all eligible candidates announcing the location(s) and date of the pain management examination approximately 4 months prior to the date of its scheduled administration.

Every candidate is given three opportunities to satisfy the pain management examination requirement. Failure to satisfy the examination requirement within the three opportunities or the prescribed time, whichever comes first, will result in the candidate's application being declared void.

The prescribed period of time for the successful completion of the examination for certification of added qualifications in pain management is the time between the date of the first examination for which the candidate is declared eligible and the next three consecutive administrations of the pain management examination. Thus, the ABA, at its discretion, may excuse a candidate from at most one pain management examination without forfeiture of an opportunity.

The ABA policies regarding examination notices, candidate responses, address changes, and excused absences are stated on the preceding pages. Its policies regarding nonstandard examination administration, irregular examination behavior, and unforeseeable events may also be found on the preceding pages.

#### J. Status of Individuals

Inquiries about the current status of physicians relative to the ABA pain management certification system should be addressed to the ABA office. The ABA will affirm the status of physicians who are certified in pain management by the ABA. For others, the response to the inquiry will be in keeping with ABA policy.

#### K. Reapplication

The application of a candidate who has failed to satisfy the examination requirement in the prescribed number of opportunities or time for whatever reason shall be declared void. The physician may reapply by submitting a new application. Such application shall be subject to the fees, rules, privileges, and requirements that apply at the



time of reapplication. The applicant who is adjudged to meet existing requirements will be readmitted into the examination system.

Every applicant who qualified previously by temporary criteria is required to have completed satisfactorily the 1-year continuum of education in pain management.

## Test Dates and Deadlines

### Written Examinations

July 8, 1995—Examination date

November 20, 1995—Early filing deadline for 1996 application with reduced fee

January 10, 1996—Application deadline

March 10, 1996—Documents deadline

May 1, 1996—Deadline for reply to examination notice

July 13, 1996—Examination date

### Oral Examinations

April 24–28, 1995—Examination dates

October 9–13, 1995—Examination dates

April 22–26, 1996—Examination dates

September 30–October 4, 1996—Examination dates

### Critical Care Medicine Examination

March 1, 1995—Application deadline

May 1, 1995—Documents deadline

July 1, 1995—Deadline for reply to examination notice

September 8, 1995—Examination date

### Pain Management Examination

March 1, 1996—Application deadline

May 1, 1996—Documents deadline

July 1, 1996—Deadline for reply to examination notice

September 7, 1996—Examination date

# American Board of Colon and Rectal Surgery

John M MacKeigan, MD, President, Grand Rapids, Michigan  
 David J Schoetz, Jr, MD, Vice President, Burlington, Massachusetts  
 H Randolph Bailey, MD, Houston, Texas  
 Robert W Beart, Jr, MD, Los Angeles, California  
 Marvin L Corman, MD, Santa Barbara, California  
 Thomas H Dailey, MD, New York, New York  
 John M Daly, MD, New York, New York  
 Theodore E Eisenstat, MD, Plainfield, New Jersey  
 Philip H Gordon, MD, Montreal, Quebec  
 Richard L Nelson, MD, Chicago, Illinois  
 David A Rothenberger, MD, St Paul, Minnesota  
 Herand Abcarian, MD, Secretary-Treasurer/Executive Director,  
 Taylor, Michigan

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Colon and Rectal Surgery to ascertain whether the information below is current.)*

## General Qualifications and Requirements

All candidates shall comply with the following regulations

1. A candidate shall appear personally before the Board and shall submit to the required examinations.
2. A candidate shall limit the majority of his/her practice to colon and rectal surgery.

3. A candidate may be required to deliver to the Board sufficient case reports to demonstrate proficiency in colon and rectal surgery.
4. A bibliography of papers and books published by the candidate shall be submitted to the Board upon its request.
5. The moral and ethical fitness of a candidate must be satisfactory to the Board and in conformity with the *Statements on Principles* of the American College of Surgeons, and the *Principles of Medical Ethics* of the American Medical Association. Practices not conforming therewith may result in rejection of an application or in deferral of examination until such matters have been resolved satisfactorily.

## Professional Qualifications

1. A candidate must have completed an accredited residency program in colon and rectal surgery.
2. A candidate must have an unrestricted license to practice medicine in the country of his/her residence.
3. A candidate must successfully complete the qualifying examination of the American Board of Surgery before being admitted to the American Board of Colon and Rectal Surgery written examination (Part I).
4. A candidate must achieve certification by the American Board of Surgery before being admitted to the American Board of Colon and Rectal Surgery oral examination (Part II).

## Application for Examination

Each candidate for examination must complete and submit an application for examination, which may be obtained from the Secretary of the Board. Applications must be submitted before July 15 of each year.

Within 2 weeks after conclusion of the training program, the applicant must submit to the Secretary of the Board a prescribed form, listing all operative procedures performed during the training period. This form is available from the Secretary of the Board and must be countersigned by the program director when it is submitted.

The application must also be accompanied by two unmounted, recent photographs of the applicant and the required application fee.

The acceptability of a candidate for examination depends not only upon completion of the requirements listed under General Qualifications and Requirements and Professional Qualifications but also upon information available to the Board regarding the candidate's professional maturity, surgical judgment, and technical competence.

## Examinations

To achieve certification by the American Board of Colon and Rectal Surgery, a candidate must pass a written examination (Part I) and an oral examination (Part II). The written examination is offered in the spring of the year and a candidate is required to pass this examination before being permitted to take the oral examination. The oral examination is given in the fall of the year.

Examinations are conducted at times and places determined by the Board, and this information may be obtained from the Board Office. It is also published in *Diseases of the Colon and Rectum* and in the *Journal of the American Medical Association*. Examinations will be held in one designated city in the United States.

### Part I—Written Examination

The written examination is an assessment of a candidate's knowledge of the theory and practice of colon and rectal surgery with separate examinations in pathology and radiology. The written portion of the examination is a 4-hour test of multiple choice questions covering the spectrum of colon and rectal surgery and the body of

basic science pertinent to it. The pathology and radiology portions of the examination each are 1 hour in length and consist of questions and slide presentations.

### Part II—Oral Examination

The oral examination is conducted by members of the Board or its designated examiners. Its objective is to evaluate the candidate's clinical experience, problem-solving ability, and surgical judgment, and to ascertain the candidate's knowledge of current literature on colon and rectal diseases and surgery. Each candidate will undergo at least three 30-minute oral examinations by three two-member examining teams.

### Examination Results

The Board makes every effort to be as prompt as possible in notifying candidates of their examination results, and letters of notification may be expected from 4 to 6 weeks following the examination.

### Reexaminations

A candidate who has failed either the written or oral part of the examination may be reexamined after 1 year has elapsed.

A candidate who fails to pass either the written or oral portion of the examination may repeat that part of the examination twice, thus offering the candidate three opportunities to pass each part of the examination.

A candidate who fails to pass either the written or oral portion of the examination three times may not repeat the examination without satisfactory completion of an approved colon and rectal surgery residency program and submission of a new application for examination.

### Status of Applicant

The Board does not use or sanction the terms "Board-eligible" or "Board-qualified." The status of an applicant with the Board is determined by and varies with the current status of his/her credentials.

A candidate must apply to the Board's certification process within 5 years after completion of approved colon and rectal surgery training.

The entire certification process with the Board must be successfully completed within 7 years following approval of the formal application. In addition, a candidate whose application for examination has been approved, but who does not take the examination within 3 years, must submit a new application.

In exceptional or unusual circumstances, the Board may, at its discretion, waive one or more of the limitations specified under "Status of Applicant."

### Fees

Application fee: a nonrefundable fee of \$300 shall accompany the application.

Written examination fee (Part I): a fee of \$400 is due and payable when the candidate is notified of approval to take the written examination.

Oral examination fee (Part II): a fee of \$500 is due and payable when the candidate is notified of approval to take the oral examination.

Reexamination fee: fees for reexamination are the same as shown above for each examination.

Withdrawal from examination: a candidate who withdraws must notify the Board Office at least 10 business days before a scheduled examination. A candidate who fails to appear for examination or who withdraws without giving at least 10 days' notice as defined above will forfeit \$100 of the designated examination fee and will

have to resubmit the forfeited amount before being admitted to the next scheduled examination.

Late applications: recognizing that a situation may arise that prevents an applicant from meeting the July 15 deadline, the Board has a provision for late applications. Late applications are those that are postmarked from July 16-August 15 each year. There is a nonrefundable late application fee of \$100, bringing the total processing fee of a late application to \$400. No applications postmarked after August 15 will be accepted.

Fees are subject to change as directed by the Board.

### Appeals

Any candidate who is not acceptable to the Board for examination or who has failed an examination, totally or in part, may appeal such a decision by the Board and may, by registered letter to the Secretary of the Board, request a hearing, specifying the reasons therefor. An ad hoc hearing committee shall be appointed within 30 days to conduct the hearing.

If the decision of the hearing committee is not satisfactory, the candidate, by registered letter to the Secretary of the Board within 21 days after receipt of the notice of an adverse decision, may request an appellate review by the Board.

### Certification

A candidate who has met all the requirements and successfully completed the examinations of the American Board of Colon and Rectal Surgery will be issued a certificate attesting to his/her qualifications in colon and rectal surgery. The certificate shall be signed by the president or vice president and the secretary, and shall bear the corporate seal of the Board.

The certificate granted by the Board does not confer privilege or license to practice colon and rectal surgery, but is evidence that a physician's qualifications for specialty practice are recognized by his/her peers. It is not intended to define the requirements for membership on hospital staffs, to gain special recognition or privileges for its diplomates, to define the scope of specialty practice, or to state who may or may not engage in the practice of the specialty.

Unless the candidate specifies otherwise, the Board forwards the names of candidates who have achieved certification to the American Board of Medical Specialties for publication in the *Official American Board of Medical Specialties Directory of Board Certified Medical Specialists*, published jointly by the American Board of Medical Specialties (ABMS) and Marquis Who's Who.

### Time-Limited Certification

Beginning with those candidates who passed the certifying examination in 1990 and thereafter, the American Board of Colon and Rectal Surgery will issue time-limited certificates. Certificates will be valid for 8 years from the date of certification, after which the certificates will no longer be valid.

### Recertification

The American Board of Colon and Rectal Surgery offers recertification in the specialty. Certificates can be renewed prior to expiration by fulfilling the requirements for recertification specified by the Board. The recertification examination is offered annually, on a voluntary basis, to all certified colon and rectal surgeons who apply and meet the Board's requirements. A recertification information booklet, which outlines the requirements and procedures, is available by writing to the Board Office.

### Revocation of Certificates

The filing of an application for examination, participating in examination, and accepting a certificate are voluntary acts. Therefore,

the Board assumes no responsibility for any effect that certification or failure to obtain certification may have on the private or professional activities of candidates.

When an application is submitted, candidates are required to sign an agreement, a portion of which reads as follows: "I agree to disqualification from examination or from the issuance of a certificate, and I agree to the forfeiture and redelivery of such certificate in the event that any of the statements herein made by me at this time or at any time in the past or future in regard to my application for a certificate are false, or in the event that any of the rules and regulations of the Board governing such examinations and certificate are violated by me."

Certificates which have been issued are subject to the provisions of the Articles of Incorporation, the Constitution and Bylaws of the American Board of Colon and Rectal Surgery, Inc, and may be revoked for violation of any of these provisions.

### Examination of Candidates With Disabilities

The American Board of Colon and Rectal Surgery supports the intent of the Americans with Disabilities Act (ADA). The Board will make a reasonable effort to provide Board applicants who have documented disabilities with modifications in its examination process that are appropriate for such disabilities but that do not alter the measurement of the skills or knowledge that the examination process is intended to test.

## American Board of Dermatology

Rex A Amonette, MD, Memphis, Tennessee  
 Ronald J Barr, MD, Irvine, California  
 Mark Allen Everett, MD, Oklahoma City, Oklahoma  
 Barbara A Gilchrest, MD, Boston, Massachusetts  
 Lowell A Goldsmith, MD, Rochester, New York  
 Loren E Golitz, MD, Denver, Colorado  
 Kenneth E Greer, MD, Charlottesville, Virginia  
 Antoinette F Hood, MD, Indianapolis, Indiana  
 Stephen I Katz, MD, Bethesda, Maryland  
 Edward A Krull, MD, Detroit, Michigan  
 Anne W Lucky, MD, Cincinnati, Ohio  
 John C Maize, MD, Charleston, South Carolina  
 Lee T Nesbitt, Jr, MD, New Orleans, Louisiana  
 Stephen B Webster, MD, La Crosse, Wisconsin  
 Harry J Hurley, MD, Executive Director, Detroit, Michigan  
 John S Strauss, MD, Associate Executive Director, Iowa City, Iowa  
 Clarence S Livingood, MD, Executive Consultant, Detroit, Michigan

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Dermatology to ascertain whether the information below is current.)*

### Requirements for Eligibility to Take the Examination

Each applicant must satisfy the following requirements before he or she is eligible to take the certifying examination of the Board.

#### General Qualifications

1. The candidate must have graduated from a medical school in the United States accredited by the Liaison Committee for Medical Education (LCME), an accredited medical school in Canada, an accredited osteopathic school in the United States, or if a graduate of a foreign medical school, must possess the standard certifi-

cate of the Educational Commission for Foreign Medical Graduates (ECFMG).

2. The candidate must hold a currently valid, full, and unrestricted license to practice medicine or osteopathy in either the United States or Canada.

### Residency Training Requirements

1. Candidates for certification by the American Board of Dermatology are required to have a total of 4 years of postgraduate training as described below (Sections a and b).
  - a. The first year must consist of clinical training in one of the following types of broad-based programs in the United States accredited by the Accreditation Council for Graduate Medical Education (ACGME) or a similar program in Canada accredited by the Royal College of Physicians and Surgeons of Canada: transitional year (formerly called flexible first postgraduate year), or a first year residency in internal medicine, general surgery, family practice, obstetrics and gynecology, pediatrics, or emergency medicine.
  - b. Three years of full-time training as a resident in a dermatology residency training program in the United States accredited by the Accreditation Council for Graduate Medical Education (ACGME) or 3 years of full-time training as a resident in a dermatology residency training program in Canada accredited by the Royal College of Physicians and Surgeons of Canada. Accreditation of dermatology training programs in the United States is the responsibility of the Residency Review Committee for Dermatology acting with authority delegated to it by the ACGME (accredited dermatology residency training programs and clinical programs for first postgraduate year credit are listed in this directory).

At least 75% of the resident's time throughout each year of dermatology residency training must be related to the direct care of dermatologic outpatients and inpatients; this includes clinical conferences directly related to patient care, consultations, and inpatient rounds.

Dermatopathology, microbiology, and other basic science lectures, seminars, and conferences are essential components of the resident's training (see the *Special Requirements for Residency Education in Dermatology*).

The Board also emphasizes the importance of basic and clinical investigation in the educational experience of trainees. Accordingly, all residents should participate in basic and/or clinical research during their training.

For those candidates whose career plans involve a primary commitment to investigative or academic dermatology, a special training track, which must ensure adequate clinical education and experience in accordance with the general requirements described above, may also be acceptable. The first year (PGY2) of this track must be at least 75% clinical in character. Investigative or academic experience can be integrated with the required additional clinical training during the second (PGY3) and/or third (PGY4) year(s). Requests for approval of this special track must be submitted prospectively, at least 4 months prior to the beginning of such training. Usually this will be on or before March 1 of the PGY2 year, or later if special track training is to begin later. Earlier requests will not be considered because the program director must have had an opportunity to judge the clinical potential of the trainee. The request for consideration of this investigative/academic track must include details of the scheduled program and time commitments during the entire training period of these candidates. It is incumbent upon program directors to select candidates for this special training track whose skills and learning capabilities permit the acquisition of clinical

competence as well as the execution of their investigative or academic responsibilities. Moreover, the program director must continue to closely monitor the training of these residents and must validate their clinical experience at the completion of their residencies.

2. A Preliminary Registration form must be filed by the candidate and signed by his/her training director shortly after the resident begins residency training in dermatology.
3. It is mandatory that the training director submit a Yearly Report form for each resident to the Board Office by August 1 after completion of the first and second year of training and by May 15 for residents who will complete their third year of training on June 30. In order for a candidate to take the certifying examination, the training director must certify that each year of training was completed in a satisfactory manner.
4. Training must be completed within 5 years after the beginning of dermatology residency, except when military service or other compelling circumstances intervene.
5. It is the responsibility of the residency program director to determine if a resident has satisfactorily completed the required 3 years of dermatology training and is therefore eligible to sit for the certifying examination of the American Board of Dermatology. The Board has established guidelines to assist program directors in making this determination, particularly for residents whose training experience differs from the standard 36 months of full-time clinical training, as, for example, might result from a protracted medical leave of absence. These guidelines are available on request from the Board Office.

### Registration for the Examination of the Board

Candidates who have completed the training requirements as outlined above are eligible to apply for examination by the Board. Candidates should request an Application for Certification form from the office of the executive director of the Board. The completed application must be filed with the Board Office before May 1 of the year in which the candidate plans to take the examination. Physicians who complete their residency training in dermatology by July 1 of a given year are eligible to apply to take the examination in the fall of that year. It is emphasized that it is the candidate's responsibility to send a completed application form to the Board if he or she plans to take the certifying examination of the Board.

A candidate is not considered an "active" candidate until his or her application has been received and approved by the Board. This approval includes a review of the application and annual evaluation reports from the candidate's training director. After the application is approved, the candidate is required to take the examination within 3 years. Candidates who do not exercise the examination privilege within 3 years of the date they are declared eligible will be required to file a new application and have their eligibility for examination reviewed by the Requirements Committee. If the reapplication is approved by the Board, the candidate is again eligible to take the examination for another 3-year period.

The Board does not use the term "Board-eligible" in corresponding with directors of hospitals or others who send inquiries to the Board Office. On written request by a candidate, the Board will send to the candidate a letter stating his or her status with the Board at any given time.

### Board Examination

The certifying examination in dermatology, which is administered over a period of 2 days, includes the following:

1. Comprehensive Multiple Choice Examination in Dermatology:  
This is a 3-hour comprehensive examination, and was formerly referred to as the Written or Part I examination. It tests the candi-

date's knowledge of the basic science and clinical aspects of dermatology, including all the related disciplines. Among the topics included in this part of the examination are clinical dermatology, pediatric dermatology, preventive dermatology, entomology, epidemiology, dermatopathology, cutaneous allergy and immunology, dermatologic surgery, cutaneous oncology, sexually transmitted diseases, internal medicine as it pertains to dermatology, medical ethics, photobiology, and cutaneous microbiology, as well as anatomy, physiology, biochemistry, molecular biology, radiation physics, radiation therapy, physical therapy, pharmacology, genetics, and electron microscopy as related to dermatology. Considerable emphasis is placed on comprehensive knowledge of the literature.

2. Examination in Clinical and Laboratory Dermatology: Projected 2x2 slides are utilized in this part of the examination. Candidates must answer multiple-choice type questions about the projected pictorial material, which is drawn from all areas of clinical and laboratory dermatology. Examples of the types of slides used include photographs of patients, diagrams and illustrative drawings and pictures of dermatologic surgical procedures, histopathologic sections, fungal cultures, culture mounts, bacterial cultures, Tzanck preparations, skin scrapings and smears, roentgenograms, histochemical and fluorescent photomicrographs, electron micrographs, darkfield micrographs and drawings or photographs of organisms, including viruses, rickettsiae, bacteria, and parasites that affect the skin.
3. Examination in Dermatopathology: In this section, candidates are questioned on histopathologic slides that they examine microscopically, utilizing personal or rented microscopes. This section of the examination encompasses the entire spectrum of dermatopathology.

For the purposes of scoring, the Examination in Clinical and Laboratory Dermatology is combined with the Examination in Dermatopathology, and candidates must pass this combined examination (formerly designated the Part II examination), as well as the Comprehensive Multiple Choice Examination in Dermatology (formerly designated the Part I examination) in order to be certified. If a candidate fails either the combined Examination in Clinical and Laboratory Dermatology/Examination in Dermatopathology or the Comprehensive Multiple Choice Examination in Dermatology and not the other, only the failed component must be repeated.

The examination is given annually in the fall over a 2-day period involving a total of approximately 10 hours. It will be held on October 22 and 23, 1995, at the Holiday Inn O'Hare Airport in Rosemont, Illinois, which is in the O'Hare Airport area of Chicago.

### Reexamination

With their initial examination application, candidates have a 3-year period during which they may take the examination or any necessary reexamination on either a failed part (see above) or both parts of the examination. For a reexamination, they must notify the Board Office by May 1 of the year they plan to retake the examination. If a candidate has not passed or does not take the examination during this 3-year period, he/she must reapply and complete the necessary forms, after which he/she will have another 3-year period of eligibility during which to take the examination or reexamination. Contact the Board Office for further information concerning this as well as the appropriate fees required (see "Fees").

### Handicapped or Disabled Candidates

The American Board of Dermatology supports the intent of the Americans with Disabilities Act (ADA) and, therefore, will provide or allow the use of necessary auxiliary aids, services or testing conditions that do not fundamentally alter the measurement of the skills

or knowledge the Board assessment program is intended to test. In order to implement this policy, notification of the need for special testing circumstances must be given to the American Board of Dermatology by a candidate for certification at the time that he/she submits the application for any of the Board's certifying examinations. This deadline is necessary in order to allow the Board to request the necessary documentation, to review the records, and to verify the disability, if necessary. In addition, since this policy also applies to the In-Training Examination, which is under the jurisdiction of the American Board of Dermatology, appropriate advance notification of the need for special testing circumstances must be provided when the application for the In-Training Examination is submitted by the department.

Upon receipt of your request, the American Board of Dermatology will initiate the appropriate procedural steps, but it should be understood that all special arrangements must be made and agreed upon in advance; special arrangements cannot be made at the time the examination is given. Therefore, earlier notification of the need for special testing circumstances is encouraged.

### Chemical Dependency or Substance Abuse

A candidate with chemical dependency or substance abuse will not be permitted to take the examination unless he or she can submit evidence, which must be verifiable, that the disorder is being treated and under control. Individuals with such problems or a history thereof must provide the necessary documentation at the time of application to take the examination. A confirmatory letter from a licensed physician within 1 month of the examination that the disorder no longer exists or is currently controlled is also necessary.

### Certification

After meeting the above requirements and passing the examination, the candidate will be awarded a certificate that acknowledges that he or she has completed the required course of graduate study and clinical training, has met other specific standards and qualifications, and has passed the examination conducted by the Board. The candidate is then referred to as a diplomate of The American Board of Dermatology, Inc. The names of diplomates of the Board appear in the *Official ABMS Directory of Board Certified Dermatologists* and the *Official ABMS Compendium of Board Certified Medical Specialists*, published by Marquis Who's Who in cooperation with the American Board of Medical Specialties.

Each certificate is subject to revocation in the event that (a) the physician so certified shall not have been eligible to receive such certificate, whether or not the facts concerning his or her ineligibility were known or could have been ascertained by the directors of the Board at the time of the issuance of the certificate; (b) the physician so certified shall have made any material misrepresentation or omission in the application for such certificate or in any other statement to the Board or its representatives; (c) the physician so certified shall have been convicted by a court of competent jurisdiction of a crime relating to or arising out of the practice of medicine.

### Appeals Procedure

The American Board of Dermatology recognizes a candidate's right of appeal following an adverse action at any stage of the certification process. Within the residency program, trainees must be accorded due process in compliance with provisions established by the parent institution and as stipulated in the *Essentials of Accredited Residencies in Graduate Medical Education* (July 1, 1982) of the Accreditation Council for Graduate Medical Education.

Candidates whom the Board has declared ineligible to sit for the certifying examination on the basis of qualifications may appeal such decisions by written request within 90 days of the date of noti-

fication of the Board's ruling. A candidate failing a certifying examination may request in writing that his or her examination be rescored by hand to verify the accuracy of the results as reported. Such requests must be received in the Board Office within 90 days of the date of mailing of the examination results to the candidates. A check in the amount of \$35 payable to the American Board of Dermatology must accompany this written request. There shall be no further appeal from failure of an examination.

### Time-Limited Certificates

Since 1991 the American Board of Dermatology has issued time-limited certificates to all candidates who pass the certifying examination. These certificates will remain valid for 10 years. The process by which these candidates may be recertified will be announced at a later date.

### Fees for Examination and Reexamination

The Directors of the Board serve without compensation. Fees are based on the actual expenses incurred in office administration and in conducting the examination.

The examination fee for the certifying examination in Dermatology is \$1,250, payable when the application is submitted. The fee for reexamination is \$1,150. All checks are to be made payable to the American Board of Dermatology, Inc.

When a candidate's application for the Certifying Examination in Dermatology or a Special Qualification Examination is disapproved or when the candidate withdraws by September 1 of the year of the examination, the Board retains an administrative fee of \$100. If the candidate withdraws from the examination after September 1 and up until 10 days before the examination, the Board will retain half of the examination fee (\$625 for the Certifying Examination in Dermatology, \$575 for reexamination, \$600 for the Special Qualification Examination in Dermatopathology, and \$500 for the Special Qualification Examination in Clinical and Laboratory Dermatological Immunology). If the candidate withdraws within 10 days of the examination or fails to appear for the examination and does not provide verifiable evidence of extenuating circumstances that prevented him or her from appearing for the examination, the Board will retain the entire examination fee. On reapplying, such candidates will be required to again submit the examination fee in effect at the time of the application.

### Publication

The American Board of Dermatology, Inc. publishes a booklet of information that may be obtained from the Board Office. All correspondence should be sent to

Harry J Hurley, MD, Executive Director  
American Board of Dermatology, Inc  
Henry Ford Hospital  
One Ford Pl  
Detroit, MI 48202-4350

### Certification for Special Qualification in Dermatopathology

Special Qualification certification in Dermatopathology is a joint and equal function of the American Board of Dermatology (ABD) and the American Board of Pathology (ABP). Such function will relate to qualifications of candidates, standards of examination, and the form of the certificate.

All candidates applying for examination must hold a currently valid, full, and unrestricted license to practice medicine or osteopathy in either the United States or Canada.

**Prerequisites**

The American Boards of Dermatology and Pathology will admit candidates to examination for certificates of Special Qualification in Dermatopathology who are otherwise qualified and who have met one of the following requirements

1. Applicants already holding a primary certificate from the American Board of Dermatology or from the American Board of Pathology (anatomic pathology, or anatomic and clinical pathology) and the addition of 1 year of training in dermatopathology in a program accredited for such training by the ACGME. This additional training must be taken after the candidate has met the full training requirements for certification in dermatology or pathology. The dermatologist applicant must spend one-half of the required training time in pathology. The pathologist applicant must spend one-half of the required training time in clinical dermatology.
2. Applicants who are diplomates of both the American Board of Dermatology and the American Board of Pathology.

**Training**

Accredited institutional training programs in dermatopathology are an equal and joint function of the Departments of Dermatology and Pathology of that institution. Training programs in dermatopathology are reviewed and accredited by the Residency Review Subcommittee for Dermatopathology, which includes three members from the Residency Review Committee for Dermatology and three members from the Residency Review Committee for Pathology. Upon recommendation by this subcommittee, training programs in dermatopathology are accredited by conjoint action of the Residency Review Committees for Dermatology and Pathology acting with authority delegated by the Accreditation Council for Graduate Medical Education (ACGME). Information concerning accredited dermatopathology training programs may be found in this directory.

**Deadline for Application and Date of Examination**

The deadline for receipt of applications to take the examination for Special Qualification in Dermatopathology is June 1 of the year in which the candidate plans to take the examination. The next examination will be given on Friday, October 20, 1995, in Chicago, Illinois

**Fee**

The fee for the examination for Special Qualification in Dermatopathology is \$1,200, payable when the application is submitted.

**Certification for Special Qualification in Clinical and Laboratory Dermatological Immunology**

**Prerequisites**

The requirements for Special Qualification certification in Clinical and Laboratory Dermatological Immunology (CLDI) are as follows:

1. An applicant must be a diplomate of the American Board of Dermatology.
2. An applicant must have satisfactorily completed an accredited 1-year fellowship in CLDI.

**Training**

A minimum of 1 year of full-time training in an accredited CLDI training program will be required of all candidates. Information concerning accredited training programs in CLDI is available from the office of the American Board of Dermatology.

**Deadline for Application and Date of Examination**

The deadline for receipt of applications to take the examination for Special Qualification in CLDI is April 1 of the year in which the candidate plans to take the examination. The next examination in CLDI will be given on Friday, October 20, 1995, in Chicago, Illinois.

**Fee**

The fee for the CLDI Special Qualification Examination is \$1,000, payable when the application is submitted.

**American Board of Emergency Medicine**

- G Richard Braen, MD, President, Buffalo, New York
- Douglas A Rund, MD, President-Elect, Columbus, Ohio
- Michael D Bishop, MD, Immediate Past President, Bloomington, Indiana
- Gerald P Whelan, MD, Secretary-Treasurer, Long Beach, California
- Daniel F Danzl, MD, Member-at-Large, Floyds Knobs, Indiana
- Robert C Neerhout, MD, Member-at-Large, Portland, Oregon
- William G Barsan, MD, Ann Arbor, Michigan
- Dick Dowling Briggs, Jr, MD, Birmingham, Alabama
- Steven J Davidson, MD, Philadelphia, Pennsylvania
- William E Gotthold, MD, Wenatchee, Washington
- Gwendolyn L Hoffman, MD, Twin Lake, Michigan
- Bruce D Janiak, MD, Perrysburg, Ohio
- Vincent J Markovchick, MD, Golden, Colorado
- Roy M Pitkin, MD, Los Angeles, California
- J David Richardson, MD, Louisville, Kentucky
- Earl Schwartz, MD, Pfafftown, North Carolina
- Richard L Stennes, MD, San Diego, California
- Michael V Vance, MD, Phoenix, Arizona
- Benson S Munger, PhD, Executive Director, East Lansing, Michigan
- Susan K Adsit, Associate Executive Director
- Mary Ann Reinhart, PhD, Associate Executive Director

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Emergency Medicine to ascertain whether the information below is current.)*

**Requirements for Certification in Emergency Medicine**

An applicant must satisfy all credential requirements at the time the application is submitted. Requirements fulfilled after the date of application will not be considered.

The applicant must have graduated from medical school.

1. Graduates of approved schools of osteopathic medicine in the United States are considered when they have satisfactorily met the credential requirements as outlined.
2. An applicant graduating from a medical school other than one in the United States, its territories, or Canada must provide the Board with a verified and translated diploma.

Throughout the certification process, applicants and candidates must hold a current, valid, unrestricted, and unqualified license to practice medicine in the jurisdiction(s) (within the United States, its territories, or Canada) in which they practice. A physician must hold at least one license that meets these criteria to fulfill the Board's licensure requirement.

The applicant must have successfully completed a total of 36 months of post-medical school training, under the control of an accredited emergency medicine residency program. Emergency medicine programs must be accredited by the Accreditation Council for Graduate Medical Education (ACGME) or the Royal College of Physicians and Surgeons of Canada for Canadian programs.

If the emergency medicine residency training program is structured so that it exceeds the length of training specified above, the resident must successfully complete the requirements of his/her

residency program to apply under the emergency medicine residency category of application.

Note: For residents who began their emergency medicine training prior to July 1, 1987, the candidate must have successfully completed a total of 36 months of post-medical school training, at least 24 months of which were under the control of an accredited emergency medicine residency program at the PGY 2 level and above.

The applicant must submit 50 hours of continuing medical education in emergency medicine annually, acceptable to the Board, starting 1 year from the date of graduation from the emergency medicine residency program and continuing until the date of application. If a resident applies to the Board within 1 year of graduation no continuing medical education is required.

### Combined Training Programs

A special agreement exists with the American Board of Pediatrics whereby an applicant may fulfill the training requirements of both Boards by completing joint training in 5 years. Training programs must be approved prospectively by both Boards. Guidelines for combined training have been approved by both Boards and are available by writing either Board Office. Applicants may not appear for the certifying examination until all training has been satisfactorily completed.

A special agreement exists with the American Board of Internal Medicine whereby an applicant may fulfill the training requirements of both Boards by completing joint training in 5 years. Training programs must be approved prospectively by both Boards. Guidelines for combined training have been approved by both Boards and are available by writing to either Board Office. Applicants may not appear for the certifying examination until all training has been satisfactorily completed.

### Applications

Applications are distributed in the spring of each year (mid-April) and are available from the Board Office. Applications are accepted from May 1 through July 15 of each year. A mailing list is maintained throughout the year for requests received during times when applications are not available.

A nonrefundable processing fee must accompany the application at the time it is submitted.

Applicants wishing to be considered for examination must submit a fully completed application form to the Board. The Board will not be responsible for any opinion expressed concerning the individual's credentials for the examination unless it is in writing and over the signature of the president or secretary of the Board.

### Examination Information

The certification examination in emergency medicine is composed of two parts. The first part is a 6.25-hour comprehensive written examination, administered one time each year. It includes multiple choice and pictorial multiple choice items.

The oral certification examination includes seven simulated patient encounters: five single-patient encounters and two multiple-patient encounters.

A candidate must successfully complete the written examination to be scheduled for the oral examination.

The written examination is offered in the fall of each year, and oral examinations are held twice a year (spring and fall).

Examination fees are due upon assignment to an examination administration.

### Certification

All candidates who successfully complete both the written and the oral certification examinations shall be known as diplomates of the

American Board of Emergency Medicine. Diplomates receive an appropriate certificate, which shall remain the property of the American Board of Emergency Medicine. Certification is for a period of 10 years.

Any certificate issued by the Board shall be subject to revocation at any time, should the Board determine, in its sole judgment, that a candidate who has received a certificate was in some respect not properly qualified to receive or retain it.

### Recertification

ABEM diplomates will have three options for achieving recertification: passing either the written or the oral certification examination, or the written recertification examination. Passing any one of these examinations will earn the diplomate an additional 10-year certificate.

## American Board of Family Practice

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Paul R Young, MD, Executive Director, Lexington, Kentucky  
Robert F Avant, MD, Deputy Executive Director, Lexington, Kentucky

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Family Practice to ascertain whether the information below is current.)*

### ABFP Official Definition of Family Practice

"Family practice is the medical specialty which is concerned with the total health care of the individual and the family. It is the specialty in breadth which integrates the biological, clinical, and behavioral sciences. The scope of family practice is not limited by age, sex, organ system, or disease entity."

### Board Eligibility

The ABFP does not recognize or use the term "Board-eligible," and does not issue statements concerning "Board eligibility." The Board informs an applicant of admissibility to an examination to be given on a specified date after a formal application has been reviewed and approved.

### Certification Process

The American Board of Family Practice (ABFP) administers the certification and recertification examinations in various centers throughout the United States annually, on the second Friday in July.

The ABFP certification and recertification examinations are written tests of cognitive knowledge and problem-solving abilities relevant to family practice. Appropriate subject areas of the following disciplines are included: internal medicine, pediatrics, surgery, obstetrics, gynecology, psychiatry and behavioral sciences, community medicine, and geriatrics. Elements of the examination include but are not limited to diagnosis, management, and prevention of disease.

## Requirements for Certification

### A. General

1. All candidates for the ABFP certification examination must have satisfactorily completed 3 years of training (a full 36 calendar months with 12 months in each of the G-1, G-2, and G-3 years) in a family practice residency program accredited by the Accreditation Council for Graduate Medical Education (ACGME) subsequent to receipt of the MD or DO degree from an accredited institution and, when applicable, a Fifth Pathway year, or receipt of a standard certificate from the Educational Commission for Foreign Medical Graduates, or compliance with other ACGME requirements for entry into graduate medical training in the United States. If a physician does not meet the eligibility requirements of the ACGME for entry into resident training, his/her training will not be recognized by the Board.

Candidates who obtained their MD degree from medical schools in the United States or Canada must have attended a school accredited by the Liaison Committee on Medical Education or the Committee for Accreditation of Canadian Medical Schools. Candidates who obtained a DO degree must have graduated from a college of osteopathic medicine accredited by the American Osteopathic Association (AOA).

The Board prefers all 3 years of training to be in the same ACGME-accredited family practice program; however, other training may be considered as equivalent (eg, flexible/transitional year, AOA osteopathic internship). In these cases, and for physicians who have had international training, each individual's training will be evaluated by the Board. Internationally trained physicians must meet all of the requirements of the Residency Qualifying Examination and obtain a passing score to receive any credit toward certification for prior training. The ABFP requires a residency program to submit prospective requests for advanced placement of residents. Program directors are responsible for notifying the Board prior to the entry of the transferring resident. If a program director fails to comply, the Board will determine the amount of transfer credit at the time of its discovery of the transfer. Consequently, the resident may receive less credit toward certification than anticipated and may be required to extend the duration of training.

The last 2 years of family practice residency training must be completed in the same accredited program. Transfers after the beginning of the G-2 year are approved only in extraordinary circumstances.

Verification of satisfactory completion of residency training must be stated in writing by the program director. All applicants for the certification examination are subject to the approval of the Board, and the final decision regarding any application rests solely with the ABFP.

2. All candidates' education and training experiences are subject to review and approval by the ABFP. Any variance from the above must have prior written approval of the Board. No credit may be given for any previous training as equivalent to family practice training without the written approval of the Board.
3. Candidates must complete all requirements of the Board no later than June 30 of the year of the examination. Complete documen-

tation from the program director that the resident has or is expected to have satisfactorily completed the residency must be received by the Board by June 30. Applications, supplied to the residents directly through the program director, are made available only to residents expected to complete the required training by June 30 of the current year. Residents who complete their training at an interim date must write to the Board for an application.

4. All candidates must hold a currently valid, full, and unrestricted license to practice medicine in the United States or Canada. Furthermore, every license to practice medicine held by the candidate in any state or territory of the United States or province of Canada must be currently valid, full, and unrestricted, whether or not the candidate in effect practices in such state, territory, or province. Candidates shall be required to maintain a full and unrestricted medical license in the United States or Canada even if they are out of the country for extended periods of time. Involuntary loss of a license will result in the simultaneous loss of diplomate status and/or the ability to make application for certification, recertification, or other examinations offered by the Board.

Any candidate whose license to practice medicine has been revoked, suspended, or restricted in any state or territory of the United States or province of Canada shall be ineligible for certification until such time as the encumbered license is reinstated in full. Should a license be revoked, suspended, or restricted following the submission of an application for certification but prior to the notification of examination results, the application and certification will be simultaneously invalidated. It is the responsibility of the candidate to inform the Board immediately upon a change in licensure status. If the candidate fails to notify the Board of any suspension, revocation, restriction or probation within 60 days after the effective date, the physician shall be ineligible to seek certification for up to 1 year following the reinstatement of full and unrestricted licensure. A restricted medical license is any adverse action by a state licensing agency that encumbers the ability of a physician to diagnose, manage, and/or treat patients. Questions about licensure should be presented to the Board in writing.

5. No candidate will be allowed to take the examination until all fees are paid and all of the above requirements have been satisfactorily met.

### B. Osteopathic Physicians

Osteopathic physicians who have graduated from an AOA-approved school of osteopathic medicine in the United States may qualify for certification if they meet all the same requirements as specified for allopathic medical school graduates. They may apply to ACGME-accredited family practice programs for entry into the first year (G-1). Osteopathic physicians who have documented satisfactory completion of an AOA-approved internship (G-1) year may receive credit for that portion of the G-1 year that meets the ABFP guidelines for advanced-level entry or interprogram transfers.

All candidates (MD or DO) must satisfactorily complete at least 36 calendar months of accredited graduate medical education. Only the G-1 year may be fulfilled by an AOA-approved internship year. The training beyond the G-1 year must be in continuity in an ACGME-accredited family practice residency program.

### C. Canadian Applicants

Canadian applicants may qualify for examination via either of the following routes

1. Physicians who have satisfactorily met the requirements of the College of Family Physicians of Canada (CFPC) by completion of 2 years of training in a program accredited by the CFPC must



have a third year of accredited family practice residency. This third year of training must be satisfactorily completed in an ACGME-accredited family practice program or, if taken in Canada, must be approved by the CFPC and must have the prior approval of the ABFP. Only those programs that bring the third-year experience into compliance with the ACGME Special Requirements for Residency Training in Family Practice will be considered as being equivalent to a third year in a ACGME-accredited family practice training program. The request must be accompanied by documentation of satisfactory performance of the first 2 years of training (including a description of the curriculum) signed by the program director.

2. Physicians who have been certified by examination by the CFPC of Canada (certificants), and who
  - a. have established legal residence in the United States for not less than the immediate past 2 years at the time of application; and
  - b. since residing in the US have accumulated a minimum of 50 hours per year of continuing medical education approved by the ABFP Board of Family Practice; and
  - c. are actively engaged professionally full-time and exclusively in family practice (practice and/or teaching, administration) may be permitted to apply for examination for certification by the ABFP.

### Recertification Process

The ABFP confers diplomate status for the specified period of time noted on the certificate. The certificate is dated for a 7-year period. In order to maintain diplomate status, the diplomate must be recertified before the certificate expires. Although the certificate is dated for 7 years, the Board routinely administers the recertification process on a 6-year cycle. This allows a "reserve" year for those diplomates who for some reason are unable to participate in the sixth year, or in cases where the diplomate fails to receive a satisfactory score in the sixth year.

Should a diplomate not be recertified by the end of the seventh year, the certificate will expire and the physician will lose diplomate status. However, the physician may reapply for the recertification process, but must meet all criteria in effect at that time.

For diplomates who participate in the recertification process during the sixth year and pass, the new certificate of 7 years' duration is dated from the time of that examination.

Diplomates will be given advance notice of any changes in the recertification requirements.

### Requirements for Recertification

- A. Submission of a formal application.
- B. Documentation of 300 hours of approvable continuing medical education.
- C. Submission of statement of acknowledgment and compliance with Board policy regarding medical licensure.
- D. Satisfactory completion of the office record review portion of the recertification process.
- E. Satisfactory performance on the written test of cognitive knowledge.

### Reexamination

Candidates who fail the examination may apply for admission to the next annual examination. There is no limit to the number of times a qualified candidate may take the examination when it is offered, provided the qualifications are met with each reapplication. In addition to valid and unrestricted licensure status, 50 hours per year of continuing medical education since the last application are re-

quired for reexamination. Full fees are charged for each examination.

## Certificate of Added Qualifications

### A. Geriatric Medicine

The ABFP and the American Board of Internal Medicine in a joint venture are offering a Certificate of Added Qualifications (CAQ) in Geriatric Medicine. This "added certificate" is designed to recognize the excellence among those diplomates who provide care to the elderly. The Geriatric Examination will be given biennially in even-numbered years.

Family physicians must be certified by the ABFP at the time of the examination, hold a valid and unrestricted license to practice medicine in the United States or Canada, have 2 years of accredited geriatric fellowship training sponsored by an ACGME-accredited family practice or internal medicine residency program, and achieve a satisfactory score on a one-day examination. The geriatric fellowship training must be subsequent to the family practice residency training, and no part of the family practice residency will be permitted as credit toward the 2-year geriatric fellowship requirement. The fellowship training must be completed by June 30 of the year of the examination.

### B. Sports Medicine

The American Board of Family Practice in a joint venture with the American Board of Emergency Medicine, the American Board of Internal Medicine, and the American Board of Pediatrics offers a Certificate of Added Qualifications (CAQ) in Sports Medicine. This examination is offered biennially in odd-numbered years.

Family physicians must be certified by the American Board of Family Practice at the time of examination, hold a valid and unrestricted license to practice medicine in the United States or Canada, and achieve a satisfactory score on a one-half day examination for which they have qualified through one of the following plans:

Plan I (fellowship pathway): candidates must have completed a minimum of 1 year in a sports medicine fellowship program associated with an ACGME-accredited residency in emergency medicine, family practice, internal medicine, or pediatrics.

Plan II (practice pathway)\*: candidates must have 5 years of practice experience consisting of at least 20% professional time devoted to sports medicine defined as one or more of the following: (1) field supervision of athletes; (2) emergency assessment and care of acutely injured athletes; (3) diagnosis, treatment, management, and disposition of common sports injuries and illness; (4) management of medical problems in the athlete; (5) rehabilitation of ill and injured athletes; and, (6) exercise as treatment. In addition, candidates must show evidence of participating in 30 hours of sports medicine-related AMA Category I (or its equivalent) continuing medical education during the past 5 years.

### C. Recognition of Successful Candidates

Successful candidates on the Geriatric or Sports Medicine CAQ examination will be awarded an ABFP certificate of added qualifications. The certificate will be valid for 10 years. Reassessment will be required for renewal of certification.

Loss or expiration of primary certification in family practice will automatically result in simultaneous loss of any and all certificates of added qualifications. In cases where a CAQ is lost due to loss of the primary certificate and later the primary certificate is reinstated, the CAQ will be reinstated for the remaining period of time, if any, as stated on the CAQ certificate.

\*Plan II will be available only through the 1999 examination. After 1999, a 1-year sports medicine fellowship will be required for eligibility.

## Revocation

### A. General

Each certificate issued by the Board of Directors of the ABFP shall be subject to revocation in any of the following circumstances

1. The issuance of such certificate or its receipt by the person so certified shall have been contrary to, or in violation of, any provision of the Articles of Incorporation of the ABFP, Inc, or of the Bylaws of the ABFP.
2. The person so certified shall not have been eligible to receive such certificate, irrespective of whether the facts constituting such ineligibility were known to, or could have been ascertained by, the directors of the corporation or its representatives.
3. The person so certified shall have made a misstatement of fact in the application for such certificate or in any other statement or representation to the corporation or its representatives.
4. The person so certified shall at any time have neglected to maintain the degree of competency in the field of family practice as established by the Board.

### B. Licensure Status

A diplomate of the ABFP shall be required to hold a currently valid, full, and unrestricted license to practice medicine in the United States or Canada. Furthermore, every license to practice medicine held by a diplomate in any state or territory of the United States or province of Canada must be currently valid, full, and unrestricted, whether or not the diplomate in effect practices in such state. Diplomates shall be required to retain a full and unrestricted medical license in the United States or Canada even if they are out of the country for extended periods of time. Failure to retain a license will result in loss of diplomate status and the ability to make application for certification, recertification, or other examinations offered by the Board.

In the event a diplomate's license to practice in any state or territory of the United States or province of Canada is revoked, restricted, or suspended, the diplomate's status with the ABFP is to be simultaneously rescinded at the time of the licensure revocation, restriction, or suspension. The physician must advise ABFP within 60 days and cease immediately identifying himself/herself in any way directly or indirectly as a diplomate of the ABFP.

If the physician fails to notify the ABFP of any revocation, restriction, or suspension within 60 days after the effective date, he/she shall be ineligible to seek reinstatement of diplomate status for up to 1 year following the reinstatement of full and unrestricted licensure. A restricted medical license is any adverse action by a state licensing agency that encumbers the ability of a physician to diagnose, manage, and/or treat patients. Questions about licensure should be presented to the Board in writing.

If and when the physician's revoked or suspended license is reinstated in full (with no restrictions) and official written documentation of reinstatement is provided, the ABFP will honor the remainder of the current certificate and the diplomate will not be required to be reexamined. If the current certificate has expired prior to the reinstatement of the license, the physician may make application for the next annual examination. Successful compliance with all application requirements in effect at that time will be expected.

### C. Authority

The ABFP Board of Directors shall have sole power and authority to determine whether the evidence or information before it is sufficient to constitute grounds for revocation of any certificate issued by this corporation. The Board of Directors may, however, at its discretion, require any person so certified to appear before the Board of Directors, upon not less than 30 days written notice by registered mail, and to show cause, at the time and place specified in such no-

tice, why the certificate should not be revoked. The failure of any person so notified to appear as required in such notice shall, at the discretion of the Board of Directors, constitute cause for revocation of the certificate. The decision of the Board of Directors in all such matters shall be final.

## Applications and Additional Information

Applications and additional information may be obtained by writing to

Paul R Young, MD, Executive Director  
American Board of Family Practice  
2228 Young Dr  
Lexington, KY 40505-4294

# American Board of Internal Medicine

J Claude Bennett, MD, Chairman, Birmingham, Alabama\*  
Jerome P Kassirer, MD, Chairman-Elect, Boston, Massachusetts\*  
Mark A Kelley, MD, Secretary-Treasurer, Philadelphia, Pennsylvania\*  
Harry R Kimball, MD, President, Philadelphia, Pennsylvania\*  
William M Bennett, MD, Portland, Oregon  
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Peter A Cassileth, MD, Miami, Florida  
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David R Dantzker, MD, New Hyde Park, New York  
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Adrian L Edwards, MD, New York, New York  
Alan M Fogelman, MD, Los Angeles, California  
Charles K Francis, MD, New York, New York  
William B Galbraith, MD, Iowa City, Iowa\*  
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Michael A LaCombe, MD, South Paris, Maine  
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Roland W Moskowitz, MD, Cleveland, Ohio  
James L Reinertsen, MD, Minneapolis, Minnesota  
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John D Stobo, MD, Baltimore, Maryland\*  
Martin I Surks, MD, Bronx, New York  
Phillip P Toskes, MD, Gainesville, Florida\*  
Stephen I Wasserman, MD, San Diego, California  
\* Member of Executive Committee

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Internal Medicine to ascertain whether the information below is current.)*

## Preface

The Board's decision about a candidate's eligibility for certification is determined by the policies and procedures described in this document. This edition of policies and procedures supersedes all previous publications.

The Board reserves the right to make changes in its fees, examinations, policies, and procedures at any time without advance notice. The Board also reserves the right, under extraordinary circumstances, to waive certain of its requirements. Admission to the Board's examinations will be determined under policies in force at the time of application. This document is not to be construed as

a contract between a candidate and the American Board of Internal Medicine.

## Introduction

The American Board of Internal Medicine (ABIM) was established in 1936 and is a private, nonprofit corporation that is not a part of or affiliated with any other organization. Its members serve rotating terms with new members annually elected by the Board. The Board receives no public funds and has no licensing function.

The mission of the ABIM is to enhance the quality of health care available to the American public by maintaining high standards for certifying individual internists who possess the knowledge, skills, and attitudes essential for the provision of excellent care.

Certification by the ABIM recognizes excellence in the discipline of internal medicine and its subspecialties. Certification by the Board is not a requirement to practice internal medicine or a subspecialty, nor does the Board confer privilege to practice. The Board does not intend either to interfere with or to restrict the professional activities of a licensed physician because the physician is not certified.

The Board administers the certification and recertification processes by (1) establishing training requirements for Board candidates; (2) assessing the credentials of candidates; (3) obtaining substantiation by appropriate authorities of the clinical competence and professional standing of candidates; and (4) developing and conducting examinations for certification and recertification.

The duration of the validity of all certificates issued by the Board in 1990 (1987 for critical care medicine and 1988 for geriatric medicine) and thereafter is 10 years, and the dates of validity will be noted on the certificates. Certificates issued before 1990 will continue to be valid indefinitely. Diplomates with certificates that are valid indefinitely will be offered the same opportunity to recertify as those who hold time-limited certificates.

In 1995, the Board will offer its comprehensive recertification program, which will include an at-home, open-book, self-evaluation process; local evaluation of credentials; and a proctored final examination. Information about the Board's recertification program is available upon request.

## Training Requirements for Certification in Internal Medicine

Physicians who are awarded a certificate in the specialty of internal medicine must have completed the required predoctoral medical education, met the postdoctoral training requirements, demonstrated clinical competence in the care of patients, and passed the Certification Examination in Internal Medicine.

### Predocotoral Medical Education

Candidates from medical schools in the United States or Canada must have attended a school accredited at the date of graduation by the Liaison Committee on Medical Education (LCME) or the Committee for Accreditation of Canadian Medical Schools. Candidates from osteopathic medical schools must have graduated from a college of osteopathic medicine accredited by the American Osteopathic Association.

Graduates of international medical schools are required to submit one of the following

1. A permanent (valid indefinitely) certificate from the Educational Commission for Foreign Medical Graduates; or
2. Comparable credentials from the Medical Council of Canada; or
3. Documentation of training for those candidates who entered postdoctoral medical training in the United States via the Fifth Pathway, as proposed by the AMA.

### Postdoctoral Training Requirements

To be admitted to an examination, physicians must have completed 3 years of accredited training before July 1 of the year of examination. No internship or residency training taken before the date of completion of requirements for the MD or DO degree will be credited toward the Board's training requirements.

The 3 years of required training must satisfy all four of the following conditions

1. The director of the accredited internal medicine training program must have had responsibility for the educational process during all of the 36 months of training. The program director may assign up to 6 months of training in specialties other than internal medicine.
2. The 36 months of training must have included a minimum of 24 months of meaningful patient responsibility. Of the 24 months of meaningful patient responsibility, at least 20 must occur in the following settings: (a) inpatient services in which disorders of general internal medicine are managed; (b) inpatient services in which disorders of one or more subspecialties of internal medicine are managed; (c) emergency medicine, general medical, or subspecialty ambulatory settings; and (d) dermatology or neurology services. Four months of meaningful patient responsibility may be taken outside the above areas with the approval of the internal medicine program director.
3. The training must be completed in an internal medicine program accredited by the Accreditation Council for Graduate Medical Education (ACGME) or training completed in Canada and accredited either by The Royal College of Physicians and Surgeons of Canada or by the Professional Corporation of Physicians of Quebec.
4. The level of responsibility for patient care must increase in each year of training.

### Training Taken in Accredited Programs Other Than Categorical Internal Medicine

For residents transferring to the first or second year of internal medicine programs from other ACGME-accredited residencies, the internal medicine program director may grant up to 12 months credit to qualified individuals according to the following guidelines

1. Month for month credit for internal medicine rotations that occur in an institution that has an ACGME-approved internal medicine program, and/or
2. Month for month credit for rotations on other specialties, not to exceed 2 months per specialty and 6 months in total.

The program director must inform the Board within 1 year of transfer of the amount of credit to be granted.

### Alternate Training Pathways

#### Clinical Investigator Pathway

The Board has established a pathway for investigators highly trained both in clinical sciences and clinical or biomedical research. This pathway leads to certification in internal medicine with 4 years of training. A clinical investigator can achieve certification in internal medicine and a subspecialty with 6 years of training (7 years for cardiovascular disease and for dual certification in hematology and medical oncology). The clinical training and research may be taken in any sequence.

Candidates must complete 2 years of accredited residency training in internal medicine with at least 20 months of meaningful patient responsibility and an appropriately balanced curriculum. Candidates must demonstrate superior overall clinical competence in both years of internal medicine training. Candidates seeking certification in a subspecialty must meet the clinical training requirements for that subspecialty examination.

During research training, candidates are strongly encouraged to maintain a continuity clinic appropriate for their stage of clinical training (general internal medicine during residency training and subspecialty clinic during fellowship training).

Candidates must complete 2 years of full-time research (3 years if the candidate plans to pursue subspecialty certification) during which at least 80% of the candidate's professional time and effort is dedicated to investigative activities. The candidate's arrangements for research must be prospectively approved by the Board prior to the completion of internal medicine clinical training. Credit will be granted for research undertaken prior to the award of the MD degree or outside the United States or Canada only in rare instances.

The Certification Examination in Internal Medicine may be taken in the fall of the PGY-4, so long as 2 years of accredited residency training in internal medicine precede admission to the examination. Candidates who are not in an accredited fellowship must provide documentation that they are in research training during PGY-4.

A subspecialty examination may be taken in the fall of PGY-6 (PGY-7 for cardiovascular disease and for dual certification in hematology and medical oncology). Candidates for a subspecialty examination must provide documentation in PGY-6 that they are in full-time research training, or in a full-time faculty position with substantial (ie, 50% professional time and effort) research involvement. Candidates who are no longer in a research program in the fall of PGY-6 will not be admitted routinely to a subspecialty examination. The credentials of such candidates must be reviewed by the Board to determine admissibility to the examination.

A proposal supporting a candidate for admission through the Clinical Investigator Pathway should be sent to the ABIM as early as possible and must be received no later than March 1 of the R-2 year. It must include

1. A letter of recommendation and description of training from the residency program director, including documentation of a superior rating of clinical competence.
2. A letter of support from the sponsor of the research training describing the proposed program and documenting that it will be of the required duration.
3. A letter of support from the subspecialty program director, if the research training is to occur during fellowship training.
4. Curriculum vitae.

#### Combined Training Leading to Certification by Two Boards

Guidelines for combined residency training have been developed with the American Board of Emergency Medicine, American Board of Pediatrics, American Board of Physical Medicine and Rehabilitation, American Board of Preventive Medicine, and the American Board of Psychiatry and Neurology. A list of programs offering approved training is available from the Board.

#### Candidates for Special Consideration

Beginning with the administration of the 1997 examination, the Board will only review proposals on behalf of the candidates with nonstandard training who meet the following criteria

1. At least 2 years of full-time formal training in internal medicine in accredited programs in the United States or Canada that have occurred after 3 or more years of verified foreign training in internal medicine; or after 3 or more years of accredited training in another specialty in the United States or Canada. Or
2. Full-time internal medicine faculty members in an LCME accredited US medical school or an accredited Canadian medical school who have completed 3 or more years of training in internal medicine abroad; hold an appointment at the level of Associate Professor or higher; and have completed 8 years of experience after formal training as a full-time clinician-educator or a clinical in-

vestigator in internal medicine with an appointment on a medical school faculty.

Candidates must be proposed by the chairman of a department of internal medicine of an accredited medical school or the program director of an accredited internal medicine residency. Guidelines for proposing candidates for special consideration should be obtained prior to submitting a proposal.

No other exceptions to the Board's standard training requirements will be considered. Pre-1997 special candidate guidelines are available from the Board upon request.

### Substantiation of Clinical Competence

#### Components of Clinical Competence

The Board requires substantiation that the candidate is competent in the following: clinical judgment, medical knowledge, clinical skills (medical interviewing, physical examination, and procedural skills), humanistic qualities, professionalism, and provision of medical care.

The diagnostic and therapeutic procedures listed below are required for certification. Although the Board does not prescribe an absolute number of times a procedure must be done to ensure competence, as indicated in parentheses, it has developed guidelines for the minimum number of directly supervised, successfully performed procedures below which the confirmation of proficiency is not credible: abdominal paracentesis (3), arterial puncture for blood gas analysis (5), arthrocentesis of the knee joint (3), central venous line placement (5), lumbar puncture (5), nasogastric intubation (3), thoracentesis (5), and critical life-saving procedures (this requirement can be met by documentation of successful training in advanced cardiac life support).

#### Annual Evaluation of Residents

The Board requires program directors to annually complete evaluation forms assessing the clinical competence of residents. In the R-1 and R-2 years the Board has determined that in order to receive credit for a year of training, a resident must demonstrate satisfactory

1. Humanistic qualities
2. Moral and ethical behavior
3. Overall clinical competence

Residents rated as superior or satisfactory will receive credit for the year of training. Residents rated as unsatisfactory in their R-1 or R-2 year will receive no credit. Residents rated marginal in the R-1 year will receive credit for that year of training. Residents receiving marginal ratings in both R-1 and R-2 years must take an additional year of training.

In the R-3 year, in addition to the above, all residents must be judged to be satisfactory in each of the components of competence defined by the Board.

In general, the Board believes that additional training is required to correct deficiencies in clinical competence. One additional year of accredited training (including satisfactory completion and performance) is required for each unsatisfactory year. It is the resident's responsibility to arrange for this training. If this additional training is taken in a different program, the Board requires that the resident request that a written evaluation of past performance be transmitted from the previous training program to the new training program director. In addition, the Board will provide to the accepting program director performance ratings from the previous program and a summary of the number of months of credit toward the 36-month training requirement.

Individuals demonstrating deficiencies solely in the areas of humanistic qualities or moral and ethical behavior may, at the discretion of the Board, be required to complete additional training and/or a specified period of close observation. The Board will pro-

vide copies of the evaluation forms to residents upon written request.

The responsibility for the evaluation of a resident rests with the training program, not with the Board. The Board is not in a position to reexamine the facts and circumstances of a resident's training and evaluation. As required by the ACGME in its *Essentials of Accredited Residencies in Graduate Medical Education*, trainees must be provided due process at the educational institution. In the event that a resident disagrees with the rating given, the resident must seek and complete that institution's due process procedure.

#### Professional Standing of Practitioners

Every 4 years following formal evaluation, the Board requires verification that candidates applying for examination are currently recognized as internal medicine specialists in good standing. Verification is sought from the chief of medical service at the institution where the candidate's principal staff appointment is held. Any challenge to good standing must be resolved locally to the Board's satisfaction before admission to the examination. For example, substance abuse, convictions for felonies related to medical practice, or substantial disciplinary action by a hospital staff may lead to deferred admission or rejection from examination.

#### Licensure

Candidates with a restricted, suspended, or revoked license in any jurisdiction at the time of application or examination will not be admitted to the examination or certified. Restrictions include but are not limited to conditions, contingencies, probation, and stipulated agreements. A valid, unrestricted, and unchallenged license to practice medicine in a state, territory, commonwealth, possession, or province of the United States or Canada will be required of all candidates who will have been out of formal training 1 or more years as of July 1 of the year of examination.

### Certification and Recertification Examinations in Internal Medicine

The certification examination is administered annually in centers throughout the United States, Puerto Rico, and Canada. It is given in four parts on two consecutive days.

More detailed information about the examination is furnished with the Board's application material.

### Areas of Certification and Recertification Offered in the Subspecialties and Added Qualifications of Internal Medicine

The Board offers certification in the following subspecialties and added qualifications

#### Subspecialties

Cardiovascular Disease  
Endocrinology, Diabetes, and Metabolism  
Gastroenterology  
Hematology  
Infectious Disease  
Medical Oncology  
Nephrology  
Pulmonary Disease  
Rheumatology

#### Added Qualifications

Adolescent Medicine  
Clinical Cardiac Electrophysiology  
Clinical and Laboratory Immunology  
Critical Care Medicine  
Geriatric Medicine  
Sports Medicine

### Training Requirements for Certification in a Subspecialty

Physicians who are awarded a certificate in a subspecialty or area of added qualifications of internal medicine must be previously certified in internal medicine by the American Board of Internal Medicine. In addition, they must have completed the Board's training requirements, demonstrated clinical competence in the care of patients, and passed the certification examination in the subspecialty.

Subspecialty training initiated July 1, 1989, and thereafter must be accredited by the ACGME, The Royal College of Physicians and Surgeons of Canada, or the Professional Corporation of Physicians of Quebec. Subspecialty training completed prior to July 1, 1989, must have been completed in a program associated with an accredited residency in internal medicine in the United States or Canada.

Fellowship training taken before the date of completion of the requirements for the MD or DO degree, and training as a chief medical resident, cannot be credited toward the requirements for subspecialty certification. Practice experience and attendance at postgraduate courses cannot be credited.

Educational experience in a subspecialty during a full-time junior faculty appointment in an approved medical school in the United States or Canada may be applicable toward the requirements. Such clinical experience must be approved by the appropriate program director and must be reviewed prospectively by the Board.

To be admitted to an examination, candidates must have completed the required subspecialty training before July 1 of the year of examination.

### Specific Training Requirements for the Subspecialty Examinations

Cardiovascular disease—3 years of accredited training, of which an aggregate of 24 months is clinical training, in the diagnosis and management of a broad spectrum of cardiovascular diseases.

Endocrinology, diabetes, and metabolism; gastroenterology; hematology; infectious disease; medical oncology; nephrology; pulmonary disease; and rheumatology—2 years of accredited training, of which an aggregate of 12 months is clinical training, in the diagnosis and management of a broad spectrum of medical diseases. Additionally, the hematology and medical oncology examinations each require a minimum of 24 months of experience in an ambulatory care setting and a minimum of ½ day per week spent in a continuity outpatient clinic in the longitudinal care of patients.

### Combined Training Leading to Dual Certification

#### Hematology and Medical Oncology

Dual certification in hematology and medical oncology requires 3 years of full-time combined fellowship training. The 3 years of combined training must include a minimum of 18 months of prospectively designed full-time clinical training with patient care responsibility. This full-time clinical training must include a minimum of 12 months of training in the diagnosis and management of a broad spectrum of neoplastic diseases including hematological malignancies and the equivalent of a minimum of 6 months of training in the diagnosis and management of a broad spectrum of nonneoplastic hematological disorders. These experiences need not be in sequential months of block time. During the entire 3 years the candidate must attend at least one outpatient clinic for a minimum of ½ day per week and have the responsibility for providing continuous care to a defined cohort of patients being managed for neoplastic disorders and others with specific hematological disorders.

The combined training must be taken in programs in the same institution, or in an acceptably coherent program, accredited both in

hematology and medical oncology by the ACGME, The Royal College of Physicians and Surgeons of Canada, or the Professional Corporation of Physicians of Quebec. Examples of acceptable combined programs are

1. A single program with one program director.
2. A joint program sponsored by the same institution with two different program directors and a coordinated curriculum.
3. A coherent program involving more than one institution in the same city where there is a coordinated curriculum.

Candidates desiring certification in both hematology and medical oncology with only 3 years of combined training are required to notify the Board in writing of their intent before completion of their first year of combined training. This letter of intent must be co-signed by the training program director(s). Candidates must complete all 3 years of required combined training before being admitted to an examination in either subspecialty.

Candidates who elect to undertake an examination in one subspecialty following only 2 years of fellowship training will be required to complete 4 years of accredited training for dual certification. They must meet the 2-year training requirement for the second subspecialty independent of the training that permitted admission to the initial subspecialty examination.

By full-time clinical training the Board means that at least 80% of the trainee's professional time and effort during a working week is dedicated to clinical (patient care or educational) activities. These may include providing primary care to subspecialty patients; supervision of subspecialty patients on the general medical service or on designated subspecialty inpatient units; subspecialty consultations and consultation rounds; subspecialty ambulatory care; general medicine ambulatory care; scheduled clinical conferences; performance of procedures on patients; review of imaging, pathological, and other diagnostic material; other direct patient care; attending national scientific meetings and reading clinical literature. Clinical activities may include research necessitating extended patient contact and care.

These policies pertain to trainees who entered subspecialty training in hematology and/or medical oncology on or after June 1, 1990.

### Rheumatology and Allergy and Immunology

Dual certification in rheumatology and allergy and immunology requires a minimum of 3 years of full-time training. Of the total 3 years, at least 12 months must be full-time clinical rheumatology training supervised by the director of an accredited rheumatology training program.

Weekly attendance for 18 consecutive months in an ambulatory care program supervised by rheumatology faculty must be included in the 3-year combined program; this 18-month period must offer true continuity of patient care within ambulatory clinics.

At least 18 months must be devoted to full-time allergy and immunology training supervised by the training program director of an accredited training program in allergy and immunology.

Plans for combined training should be approved in writing by both the rheumatology and the allergy and immunology training program directors and by the ABIM Subspecialty Board on Rheumatology and ABAI before training begins. Admission to either examination requires: certification in internal medicine; satisfactory clinical competence; and completion of the entire 3-year combined program.

Candidates who seek dual certification for other subspecialty combinations should write to the Board for information.

### Added Qualifications

The Board offers certification of added qualifications to diplomates with additional training and/or experience in adolescent medicine, clinical cardiac electrophysiology, clinical and laboratory immunol-

ogy, critical care medicine, geriatric medicine, and sports medicine. Specific details regarding the training/experience requirements for each of the added qualifications examinations are available on written request from the Board Office with the exception of clinical and laboratory immunology. For information and application forms for the clinical and laboratory immunology examination please contact American Board of Allergy and Immunology  
3624 Market St  
Philadelphia, PA 19104-2675

### Candidates for Special Consideration

Guidelines for proposing candidates for special consideration for subspecialty and added qualifications examinations are available upon request.

### Substantiation of Clinical Competence

#### Components of Clinical Competence

The Board requires substantiation that the candidate is competent in the following: clinical judgment, medical knowledge, clinical skills (medical interviewing, physical examination, and procedural skills), humanistic qualities, professionalism, provision of medical care, and continuing scholarship as a subspecialist-consultant. Verification will be sought by the Board from both the director of the subspecialty training program and the director of the associated residency in internal medicine. Trainees must receive a satisfactory rating of overall clinical competence, humanistic qualities, and moral and ethical behavior in each of the required years of subspecialty training.

In addition, during the final year of required training they must receive satisfactory ratings in each of the components of competence, including proficiency in performing the requisite procedures listed below:

Cardiovascular disease: advanced cardiac life support (ACLS), including cardioversion; electrocardiography, including ambulatory monitoring and exercise testing; echocardiography; arterial catheter insertion; and right-heart catheterization, including insertion and management of temporary pacemakers.

Clinical cardiac electrophysiology: electrophysiologic studies including mapping, both with a catheter and intraoperatively; surgical and other ablation procedures; and implantation of pacemakers, cardioverters, and defibrillators.

Critical care medicine: airway maintenance intubation, including fiberoptic bronchoscopy; ventilator management, including experience with various modes; insertion and management of chest tubes; ACLS; placement of arterial, central venous, and pulmonary artery balloon flotation catheters; and calibration and operation of hemodynamic recording systems.

Endocrinology, diabetes, and metabolism: thyroid aspiration biopsy.

Gastroenterology: proctoscopy and/or flexible sigmoidoscopy; diagnostic upper gastrointestinal endoscopy; colonoscopy, including biopsy and polypectomy; esophageal dilation; therapeutic upper and lower gastrointestinal endoscopy; and liver biopsy.

Hematology: bone marrow aspiration and biopsy, including preparation, staining, examination, and interpretation of blood smears, bone marrow aspirates, and touch preparations of bone marrow biopsies; measurement of complete blood count, including platelets and white cell differential, using automated or manual techniques with appropriate quality control; administration of chemotherapeutic agents and biological products through all therapeutic routes; management and care of indwelling venous access catheters; therapeutic phlebotomy; and therapeutic thoracentesis and paracentesis.

Infectious disease: microscopic evaluation of diagnostic specimens for the diagnosis of infectious diseases including preparation,

staining, and interpretation; management, maintenance, and removal of indwelling venous access catheters; and administration of antimicrobial and biologic products via all routes.

**Medical oncology:** bone marrow aspiration and biopsy; administration of chemotherapeutic agents and biological products through all therapeutic routes; and management and care of indwelling venous access catheters.

**Nephrology:** placement of temporary vascular access for hemodialysis and related procedures; acute and chronic hemodialysis; peritoneal dialysis; continuous arteriovenous hemofiltration; and percutaneous biopsy of both autologous and transplanted kidneys.

**Pulmonary disease:** endotracheal intubation; fiberoptic bronchoscopy and accompanying procedures; ventilator management; thoracentesis and percutaneous pleural biopsy; arterial puncture; placement of arterial and pulmonary artery balloon flotation catheters; calibration and operation of hemodynamic recording systems; supervision of the technical aspects of pulmonary function testing; progressive exercise testing; and insertion and management of chest tubes.

**Rheumatology:** diagnostic aspiration of and analysis by light and polarized light microscopy of synovial fluid from diarthrodial joints, bursae, and tenosynovial structures; and therapeutic injection of diarthrodial joints, bursae, tenosynovial structures, and entheses.

The Board believes that additional training is required to correct deficiencies in clinical competence. Trainees rated as unsatisfactory in any component of clinical competence during the final year of required training or in humanistic qualities, moral and ethical behavior, and/or overall clinical competence during any year of fellowship training will be informed by the Board that the year will not be credited toward the requirements for certification. One additional year of accredited training (including satisfactory completion and performance) is required for each unsatisfactory year. It is the fellow's responsibility to arrange for this training. If this additional training is taken in a different program, the Board requires that the fellow request that a written evaluation of past performance be transmitted from the previous training program to the new training program director. In addition, the Board will provide performance ratings from the unsatisfactory year and a summary of the total credits accumulated toward the training requirements to the new program director.

Individuals demonstrating deficiencies solely in the areas of humanistic qualities or moral and ethical behavior may, at the discretion of the Board, be required to complete additional training and/or a specified period of close observation. The Board will provide copies of the evaluation forms to trainees upon written request.

The responsibility for the evaluation of a trainee rests with the training program, not with the Board. The Board is not in a position to reexamine the facts and circumstances of a fellow's training and evaluation. As required by the Accreditation Council for Graduate Medical Education in its *Essentials of Accredited Residencies in Graduate Medical Education*, trainees must be provided due process at the educational institution. In the event that a trainee disagrees with the rating given, the trainee must seek and complete that institution's due process procedure.

### Professional Standing of Practitioners

Every 4 years following formal evaluation, the Board requires verification that candidates applying for examination are currently recognized as subspecialists in good standing in the appropriate subspecialty. Verification is sought from the chief of medical service at the institution where the candidate's principal staff appointment is held. Any challenge to good standing must be resolved locally to the Board's satisfaction before admission to the examination. For example, substance abuse, convictions for felonies related to medi-

cal practice, or substantial disciplinary action by a hospital staff may lead to deferred admission or rejection from examination.

### Licensure

Candidates with a restricted, suspended, or revoked license in any jurisdiction at the time of application or examination will not be admitted to examination or certified. Restrictions include, but are not limited to, conditions, contingencies, probation, and stipulated agreements. A valid, unrestricted, and unchallenged license to practice medicine in a state, territory, commonwealth, possession, or province of the United States or Canada will be required of all candidates who will have been out of formal training 1 or more years as of July 1 of the year of examination.

### The Certification and Recertification Examinations in the Subspecialties and Added Qualifications of Internal Medicine

The subspecialty examinations are offered on an alternate-year schedule. The examinations are administered in centers in the United States, Puerto Rico, and Canada. All of the examinations with the exception of cardiovascular disease are 1 day in length; cardiovascular disease is 1½ days.

More detailed information about the examinations is furnished with the Board's application material.

### Special Policies

#### Board-Eligible Status

Consistent with establishment of time-limited certification, the Board restricts the duration of eligibility for certification. Board eligibility is defined as the status conferred by ABIM at the time a candidate receives notice of admission to an examination. It indicates that the candidate has completed the required training, demonstrated satisfactory clinical competence, and that other credentialing requirements have been met.

Candidates for certification in internal medicine are Board-eligible for four examinations, or a period of 6 years, whichever limit is reached first. Candidates who were admitted to an examination before 1989 are considered Board-eligible for four more examinations or until 1995, whichever comes first.

Candidates for certification in a subspecialty or area of added qualifications are Board-eligible for three examinations or a period of 6 years, whichever limit is reached first. Candidates who were admitted to a subspecialty or added qualifications examination before 1989 are considered Board-eligible for three more examinations or until 1995 (for examinations administered in odd-numbered years) or 1996 (for examinations in even-numbered years), whichever comes first.

Should adverse information about a candidate come to the attention of the Board, the Board-eligible status may be revoked.

Beginning in 1995, candidates who have taken at least one certification examination may renew their Board-eligible status at any time during their period of eligibility. Candidates may apply for either the certification examination (up to four examinations for internal medicine or three examinations for a subspecialty or area of added qualifications) or a qualifying examination. The following requirements must be met to reestablish the Board-eligible status: possession of a valid and unrestricted license; verification of satisfactory clinical competence; completion within the preceding 2 years of 100 hours of acceptable Category I continuing medical education courses accredited by the Accreditation Council on Continuing Medical Education; and success on an ABIM Qualifying Examination.

Candidates reestablish their Board-eligible status for four examinations in internal medicine (three examinations in a subspecialty

or area of added qualifications) or 6 years from the date of successfully completing the Qualifying Examination.

**Disclosure of Information**

The Board provides information to program directors each year regarding both the certification status of individuals who trained in their program and took the examination, and the program's overall candidate performance. This information is helpful to the program in evaluating its educational effectiveness. The Board also provides program pass rate information to the Residency Review Committee for Internal Medicine. In addition, at its discretion, the Board may release examination results, examination scores and other pertinent information concerning candidates to those whom it deems have a legitimate need for such information.

**Disabled Candidates**

The Board recognizes that some candidates may be unable to fulfill the requirement for proficiency in performing procedures because of disability. For such individuals, the procedural skills requirement may be waived. Program directors are urged to write to the Board for approval before the individual enters training.

The Board is also committed to offering its examinations in a place and manner that is accessible to individuals with disabilities and, when necessary, alternative accessible arrangements under comparable conditions to those provided for nondisabled individuals are offered to disabled individuals. Candidates who need accommodation during the examination for a disability should provide a written request to the Board at the time of application for examination. Details and related documentation must be received no later than 3 months prior to the date of examination.

**Substance Abuse**

If a history of substance abuse exists, the candidate must provide documentation that he or she can safely and effectively perform the duties and responsibilities of a certified internist/subspecialist. To that end, evidence of successful completion of a treatment program and/or a documented period of abstinence is required.

**Leave of Absence**

Up to 1 month of credit may be granted in any 1 year for vacation time, illnesses, or delayed starts. In addition, up to 6 weeks' credit can be granted for pregnancy, adoption, and subsequent newborn care.

**Reduced-Schedule Training**

In general, part-time training, even though continuous, is not acceptable. Interrupted full-time training, however, is acceptable, provided that no period of full-time training is shorter than 1 month. In any 12-month period, at least 6 months must be spent in training. The Board encourages trainees to maintain patient care responsibilities in a continuity clinic during the nontraining component of the year. Individuals planning such training should seek the guidance of the Board before acting on their plans.

**Revocation of Certificates**

The Board may at its discretion revoke a certificate if (1) the diplomate was not qualified to receive the certificate at the time it was issued, even if the certificate was issued as a result of a mistake on the part of the Board; (2) the diplomate made any material misstatement of fact or omission of fact (a) to the Board in connection with application or otherwise or (b) to any third party concerning the diplomate's certification or eligibility status; or (3) the diplomate's license to practice medicine has been revoked in any jurisdiction.

**Late Applications**

Awareness of and meeting registration deadlines are the candidate's responsibility. There is a nonrefundable penalty fee of \$300

for any application postmarked between November 2, 1994, and January 1, 1995, for sports medicine; December 2, 1994, and February 1, 1995, for internal medicine; and April 2, 1995, and July 1, 1995, for cardiovascular disease; critical care medicine; endocrinology, diabetes, and metabolism; gastroenterology; and medical oncology.

**Additional Information and Inquiries**

Please address all inquiries concerning examination applications to American Board of Internal Medicine  
3624 Market St  
Philadelphia, PA 19104-2675  
215 243-1500 or 800 441-ABIM  
215 382-4702 Fax

The following Board publications are available upon request. These are not designed to aid in preparation for examinations.

- Policies and Procedures for Certification in Internal Medicine*
- Policies and Procedures for Certification in the Subspecialties and Added Qualifications of Internal Medicine*
- Guide to Evaluation of Residents in Internal Medicine*
- Guide to Awareness and Evaluation of Humanistic Qualities*
- Residents: Evaluating Your Clinical Competence*
- Attending Physicians: Your Role in Evaluating Residents*
- Resource Document on Professionalism: Accountability and Evaluation in Internal Medicine and the Subspecialties*

**Combined Training In**

- Internal Medicine/Emergency Medicine
- Internal Medicine/Neurology
- Internal Medicine/Pediatrics
- Internal Medicine/Physical Medicine and Rehabilitation
- Internal Medicine/Preventive Medicine
- Internal Medicine/Psychiatry

**Guidelines for Evaluation of Clinical Competence in**

- Cardiovascular Disease
- Critical Care Medicine
- Endocrinology, Diabetes, and Metabolism
- Gastroenterology
- Geriatric Medicine
- Hematology
- Infectious Disease
- Medical Oncology
- Nephrology
- Pulmonary Disease
- Rheumatology

**Additional Information on**

- Adolescent Medicine
- Clinical Cardiac Electrophysiology
- Critical Care Medicine
- Geriatric Medicine
- Sports Medicine

**Examination Schedule**

Certification Examination in

**Internal Medicine**

Date: August 22-23, 1995  
Registration Period: September 1, 1994, to December 1, 1994  
Fee (US): \$770  
Cancellation Deadline: July 1, 1995



**Sports Medicine**

Date: April 7, 1995  
 Registration Period: July 1, 1994, to November 1, 1994  
 Fee (US): \$950  
 Cancellation Deadline: March 1, 1995

**Cardiovascular Disease**

Date: November 9-10, 1995  
 Registration Period: January 1, 1995, to April 1, 1995  
 Fee (US): \$980  
 Cancellation Deadline: October 1, 1995

**Critical Care Medicine**

Date: November 9, 1995  
 Registration Period: January 1, 1995, to April 1, 1995  
 Fee (US): \$980  
 Cancellation Deadline: October 1, 1995

**Endocrinology, Diabetes, and Metabolism**

Date: November 9, 1995  
 Registration Period: January 1, 1995, to April 1, 1995  
 Fee (US): \$980  
 Cancellation Deadline: October 1, 1995

**Gastroenterology**

Date: November 9, 1995  
 Registration Period: January 1, 1995, to April 1, 1995  
 Fee (US): \$980  
 Cancellation Deadline: October 1, 1995

**Medical Oncology**

Date: November 9, 1995  
 Registration Period: January 1, 1995, to April 1, 1995  
 Fee (US): \$980  
 Cancellation Deadline: October 1, 1995

**Geriatric Medicine**

Date: April 16, 1996  
 Registration Period: July 1, 1995, to November 1, 1995  
 Fee (US): Not determined  
 Cancellation Deadline: February 18, 1996

**Clinical Cardiac Electrophysiology**

Date: November 20, 1996  
 Registration Period: January 1, 1996, to April 1, 1996  
 Fee (US): Not determined  
 Cancellation Deadline: October 1, 1996

**Hematology**

Date: November 20, 1996  
 Registration Period: January 1, 1996, to April 1, 1996  
 Fee (US): Not determined  
 Cancellation Deadline: October 1, 1996

**Infectious Disease**

Date: November 20, 1996  
 Registration Period: January 1, 1996, to April 1, 1996  
 Fee (US): Not determined  
 Cancellation Deadline: October 1, 1996

**Nephrology**

Date: November 20, 1996  
 Registration Period: January 1, 1996, to April 1, 1996  
 Fee (US): Not determined  
 Cancellation Deadline: October 1, 1996

**Pulmonary Disease**

Date: November 20, 1996  
 Registration Period: January 1, 1996, to April 1, 1996  
 Fee (US): Not determined  
 Cancellation Deadline: October 1, 1996

**Rheumatology**

Date: November 20, 1996  
 Registration Period: January 1, 1996, to April 1, 1996  
 Fee (US): Not determined  
 Cancellation Deadline: October 1, 1996

Please see previous pages for penalty fee for late applications.

## American Board of Medical Genetics

Thaddeus E Kelly, MD, PhD, President, Charlottesville, Virginia  
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 Beverly S Emanuel, PhD, Philadelphia, Pennsylvania  
 M Anne Spence, PhD, Irvine, California  
 Roger E Stevenson, MD, Greenwood, South Carolina

Address inquires to  
 Sharon B Robinson, MS, Executive Secretary  
 American Board of Medical Genetics  
 9650 Rockville Pike  
 Bethesda, MD 20814

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Medical Genetics to ascertain whether the information below is current.)*

**General Information**

The American Board of Medical Genetics, Inc (ABMG), incorporated in 1980 under the sponsorship of the American Society of Human Genetics, Inc, prepares and administers examinations to certify individuals who provide services in medical genetics and provides accreditation of medical genetics training programs. The certification program consists of a general (core) examination, taken by all examinees, and specialty examinations in the following areas: (1) Clinical Genetics, (2) PhD Medical Genetics, (3) Clinical Cytogenetics, (4) Clinical Biochemical Genetics, and (5) Clinical Molecular Genetics.

**First-Time Applicants**

Eligibility for the examination will require successful completion of an ABMG or ACGME (clinical genetics only) accredited training program. All graduates of an accredited training program will be considered eligible to sit for the certification examinations, provided they submit supporting credentials that are listed for each specialty area.

The ABMG may grant eligibility to qualified individuals trained in other countries who complete their logbook under the auspices of an ABMG or ACGME-accredited training program. These special circumstances should be evaluated early in the candidate's work in the US. The ABMG, therefore, reserves the right to grant eligibility to such candidates. Candidates should submit a formal application

and Information Supplement form. The ABMG reserves the right to declare a candidate ineligible if training, background, or references are deemed inadequate.

All applicants must sit for the core (general) examination and at least one specialty examination.

**Applicants for Reexamination**

Reexaminees are those individuals who failed the examination for the first time. Applicants who sat for the first time in 1993 and failed to achieve certification can resit for the examinations that they failed.

Applicants who sit for the first time in 1996 and fail to achieve certification may resit during the following cycle but must retake all examinations. Applicants cannot carry over a passed examination to the next cycle.

Reexaminees should: (1) submit a completed application form (information already on file need not be resubmitted, ie, diploma, certificate of training), and (2) pay for the examination(s) to be retaken.

If certification has not been achieved within two consecutive examination cycles, it is necessary to begin again as a new applicant. For example, an examinee who sat for the first time in 1990 and for the second time in 1993 and failed to achieve certification must submit supporting credentials as if he/she were a new applicant. All information must be resubmitted (including proof of completing an ABMG-accredited training program, new logbook, letters of reference, etc).

**Applicants for Certification in an Additional Specialty**

Those who have been previously certified in a specialty and desire to take another specialty examination must submit new credentials including evidence of additional specialty training specific to the area for which certification is desired and include a new case log. Applicants must sit and pass the general examination and the new specialty examination in order to be certified in the new area.

**Fees**

**A. Application Fee**

- \$450 for one specialty
- \$500 for two specialties
- \$550 for three specialties
- \$600 for four specialties

This is non-refundable and must accompany your application.

**B. General Examination: \$400**

**C. Specialty Examinations: (Each person must take at least one specialty examination.) Reexaminees must submit the examination fee with the application.**

Clinical Genetics	\$500
PhD Medical Genetics	\$500
Clinical Cytogenetics	\$500
Clinical Biochemical Genetics	\$500
Clinical Molecular Genetics	\$500

First-time applicants, or applicants applying for certification in a new specialty, will be required to submit the appropriate examination fees once their application has been approved.

If an approved applicant withdraws from the examination, examination fees will be refunded at the applicant's request if he or she notifies the Administrative Office. However, \$100 of the examination fee will be retained to cover administrative costs. A candidate who fails to appear for examination will forfeit all examination fees.

**Deadline for Applications**

Applications must be postmarked no later than December 31, 1995. Applications postmarked after this date will not be accepted. All information (including logbooks) must be received at this time. Applicants whose training does not end until June 30, 1996, must submit their entire application by December 31, 1995. Applicants in training must submit 100 cases by December 31, 1995, and the remainder by March 31, 1996. Applicants who have completed training must submit everything by December 31, 1995.

**When an Application Is Received**

Upon receipt of the completed application and appropriate filing fee, all credentials will be evaluated. At its discretion, the ABMG will approve applications for the examination; each candidate will be notified in writing. Once an application has been approved, the individual will be considered eligible to sit for the examination and will be granted "Active Candidate Status." Accepted candidates will be asked at this time to remit fees for each examination for which they are eligible to sit. Final eligibility cannot be determined and admission to the examination cannot be ensured until all supporting documents and fees have been received in the ABMG Administrative Office. If the applicant's background is found to be deficient, the ABMG will require additional training and/or clinical experience before allowing the applicant to sit for the examination.

Applicants who will be completing training by June 30, 1996, may apply at this time for the 1996 examination (see individual specialty entry for further instructions).

**Admission of Candidates to the Examinations**

When all fees and supporting documents have been received and the candidate has been determined eligible, the individual will be notified of the assigned examination center. An admission card will be prepared and mailed to the candidate approximately 3 weeks before the examination. Candidates will not be admitted to any examination without an admission card.

**Specific Requirements for Eligibility Listed by Specialty**

The ABMG limits eligibility for certification opportunities to those who can demonstrate to the satisfaction of the ABMG that the specific criteria for certification have been met. Those practitioners working in the field of genetics who, despite academic or clinical backgrounds, do not meet specific criteria will not be permitted to sit for any examination.

To be eligible for certification by the ABMG, an individual must meet the criteria in the area of desired certification and provide the supporting documentation required. Certification is offered in these areas: clinical genetics, PhD medical genetics, clinical biochemical genetics, clinical cytogenetics, and clinical molecular genetics.

**A. Clinical geneticist: an individual who holds an MD or DO degree and can demonstrate competence to provide comprehensive diagnostic, management, and counseling services. Competence in this area implies that the individual**

1. Has diagnostic and therapeutic skills in a wide range of genetic disorders;
2. Has an appreciation of heterogeneity, variability, and natural history of genetic disorders;
3. Is able to elicit and interpret individual and family histories;
4. Is able to integrate clinical and genetic information and appreciate the limitations, interpretation, and significance of specialized laboratory and clinical procedures;
5. Has expertise in genetic and mathematic principles to perform risk assessment;

6. Has the skills in interviewing and counseling techniques required to elicit from the patient or family the information necessary to reach an appropriate conclusion; anticipate areas of difficulty and conflict; help families and individuals recognize and cope with their emotional and psychological needs; recognize those situations requiring psychiatric referral; and transmit pertinent information effectively, ie, in a way that is meaningful to the individual or family; and
7. Has knowledge of available health care resources for appropriate referral.

First-time applicants seeking certification as clinical geneticists must submit the following items in support of the application

1. One acknowledgement card
2. Notarized application
3. Notarized identification form with a recent photograph
4. Copy of doctoral diploma
5. Verification of satisfactory completion of at least 2 years in an accredited clinical residency program in any medical specialty—certificate of completion
6. Verification of satisfactory completion of at least 2 years in an ABMG-accredited clinical genetics training program. Applicants who will be completing their training by June 30, 1996, may apply at this time and supply current training information. The ABMG will contact the program director at the conclusion of the training period for verification of successful completion of training
7. Three letters of recommendation from ABMG-certified diplomates; one must be from your program director
8. A logbook of 150 cases for which the applicant had professional responsibility during the clinical genetics training period. The cases should provide evidence of a well-rounded experience in clinical genetics with a diversity of genetic disorders and counseling issues. No more than 50% of the cases may be in any one category. If your training does not end until June 30, 1996, the applicant must submit 100 cases at the time of application and the remainder by March 15, 1996, and
9. Documentation of license to practice medicine in the state where training took place

Applicants for reexamination within one cycle must submit the following

1. Completed application form including a photo identification form, and
2. The appropriate examination fee(s)

**B. PhD medical geneticist:** an individual with a PhD degree who may work in association with a medical specialist, be affiliated with a clinical genetics program, serve as a consultant to medical and dental specialists, and/or serve in a supervisory capacity in a clinical genetics program. Competence in this area implies that the individual

1. Is able to elicit and interpret individual and family histories
2. Has an appreciation of the heterogeneity, variability, and natural history of the medical disorders in question
3. Is able to integrate clinical and genetic information in order to appreciate the limitations, interpretation, and significance of specialized laboratory and clinical procedures
4. Has expertise in genetic and mathematical principles to perform complex risk assessments, to interpret pedigree analysis (both segregation and linkage), and to understand the principles of genetic etiology, and
5. Has the skills in interviewing and counseling techniques required to
  - a. elicit from the patient or family the information necessary to reach an appropriate conclusion
  - b. anticipate areas of difficulty and conflict
  - c. help families and individuals recognize and cope with their emotional and psychological needs
  - d. recognize those situations requiring psychiatric referral, and
  - e. transmit pertinent information effectively, ie, in a way that is meaningful to the individual or family

First-time applicants seeking certification as PhD medical geneticists must submit the following items in support of the application

1. One acknowledgment card
2. Notarized application
3. Notarized identification form with a recent photograph
4. Copy of doctoral diploma in genetics, human genetics, or a related field
5. Verification of satisfactory completion of at least 2 years in a postgraduate ABMG-accredited medical genetics training program. Applicants who will be completing their training by June 30, 1996, may apply at this time and supply current training information. The ABMG will contact the program director at the conclusion of the training period for verification of successful completion of training
6. Three letters of recommendation from ABMG-certified diplomates are required; one of these letters must be from your program director, and
7. A logbook of 150 recent patients for whom genetic services were provided, with indication of the extent of the applicant's involvement. This log must be from an ABMG-accredited fellowship training program. The cases should provide evidence for a well-rounded experience in genetics with a diversity of genetic disorders and counseling issues. No more than 50% of the cases may be in any one disease. If your training does not end until June 30, 1996, the applicant must submit 100 cases at the time of application and the remainder by March 15, 1996.

Applicants for reexamination within one cycle must submit the following

1. Completed application form including a photo identification form, and
2. The appropriate examination fee(s)

**C. Clinical cytogeneticist:** an individual with a doctoral degree (MD, PhD, DDS, etc) who can demonstrate competence in providing cytogenetic laboratory diagnostic and clinical interpretive services. Competence in this area implies that the individual

1. Has diagnostic and interpretive skills in a wide range of cytogenetic problems
2. Has an appreciation of the heterogeneity, variability, and natural history of cytogenetic disorders
3. Is able to supervise the performance of cytogenetic laboratory studies for a wide range of applications with knowledge of their biological and statistical variability, and
4. Is able to appropriately communicate cytogenetic laboratory results in the capacity of consultant to other clinicians or directly to patients in concert with other appropriate clinicians or genetic counselors

First-time applicants seeking certification as clinical cytogeneticists must submit the following items in support of the application

1. One acknowledgement card
2. Notarized application
3. Notarized identification form with a recent photograph
4. Copy of doctoral diploma in a relevant discipline
5. Verification of at least 2 years of postdoctoral experience in an ABMG-accredited cytogenetics training program

6. Three letters of recommendation from ABMG-certified diplomates; one must be from the director of the laboratory indicating that the applicant has had ongoing assessment during the training period and has had sufficient experience in specific techniques, management of cases, and as a consultant, to take the certification examination
7. A logbook of 150 recent clinical cytogenetic cases indicating professional interaction with family, physicians, clinical geneticists, or PhD medical geneticists. (These cases should illustrate exposure to a wide variety of laboratory samples and include the reason why the study was performed and the karyotype report.) Cases should illustrate a wide variety of disorders and should provide evidence for a well-rounded experience in genetics with a diversity of exposure to cytogenetically based disorders and counseling issues. No more than 50% of the cases may be in any one tissue type category. If your training does not end until June 30, 1996, the applicant must submit 100 cases at the time of application and the remainder by March 15, 1996, and
8. Complete the Clinical Cytogenetics Competency List. This list must be signed by the laboratory director  
Applicants for reexamination within one cycle must submit the following
  1. Completed application form including a photo identification form
  2. List any additional relevant laboratory tests the applicant is competent to perform and interpret, and
  3. The appropriate examination fee(s)
- D. Clinical biochemical geneticist: an individual with a doctoral degree (MD, PhD, DDS, etc) who is competent to perform and interpret biochemical analyses relevant to the diagnosis and management of human genetic diseases, and who can act as a consultant regarding laboratory diagnosis of a broad range of inherited disorders.  
Competence in this field implies that the individual
  1. Can supervise the operations of a clinical biochemical genetics diagnostic laboratory
  2. Has a broad knowledge of
    - a. basic biochemistry and biology
    - b. the application of biochemical techniques to the diagnosis and management of genetic diseases, and
    - c. the etiology, pathogenesis, clinical manifestations, and management of human inherited biochemical disorders, and
  3. Is able to appropriately communicate biochemical laboratory results in the capacity of consultant to other clinicians or directly to patients in concert with other appropriate clinicians or genetic counselors.  
First-time applicants seeking certification as clinical biochemical geneticists must submit the following in support of the application
    1. One acknowledgement card
    2. Notarized application
    3. Notarized identification form with a recent photograph
    4. Copy of doctoral diploma in a relevant discipline
    5. Verification of at least 2 years of postdoctoral training experience in an ABMG-accredited clinical biochemical genetics training program handling clinical material with a broad range of cases and techniques
    6. Three letters of recommendation from ABMG-certified diplomates; one must be from the director of the training laboratory indicating that the applicant has had ongoing assessment during the training period and has had sufficient experience in specific techniques, management of cases, and as a consultant to take the certification examination
7. A logbook of 150 recent clinical biochemical cases that demonstrate a broad range of genetic and laboratory disorders. These cases should also indicate contact with family, physicians, clinical geneticists, and/or PhD medical geneticists. Cases should illustrate a wide variety of disorders and should provide evidence for a well-rounded experience in clinical biochemical genetics with a diversity of genetic disorders, laboratory techniques and counseling issues. No more than 50% of the cases may be in any one category. If your training does not end until June 30, 1996, the applicant must submit 100 cases at the time of application and the remainder by March 15, 1996, and
8. Complete the Clinical Biochemical Genetics Analyte and Method Competency list. This list must be signed by the laboratory director  
Applicants for reexamination within one cycle must submit the following
  1. Completed application form including a photo identification form
  2. Any additional laboratory tests the applicant is competent to perform, and
  3. The appropriate examination fee(s)
- E. Clinical molecular geneticist: an individual with a doctoral degree (MD, PhD, DDS, etc) who is competent to perform and interpret molecular analyses relevant to the diagnosis and management of human genetic diseases, competent to direct or assist in the supervision and management of a molecular genetics diagnostic laboratory, and who can act as a consultant regarding laboratory diagnosis of a broad range of inherited disorders.  
Competence in this field implies that the individual
  1. Can perform a variety of diagnostic assays
  2. Can supervise and direct the operations of a clinical molecular genetics diagnostic laboratory
  3. Has a broad knowledge of
    - a. basic molecular biology and genetics
    - b. the application of recombinant DNA techniques and linkage analysis to the diagnosis of genetic diseases, and
    - c. the etiology, pathogenesis, clinical manifestations, and management of human genetic disorders, and
  4. Is able to appropriately interpret and communicate molecular diagnostic laboratory results in the capacity of a consultant to other clinicians or directly to patients in concert with other clinicians or genetic counselors.  
First-time applicants seeking certification as clinical molecular geneticists must submit the following in support of the application
    1. One acknowledgment card
    2. Notarized application
    3. Notarized identification form with a recent photograph
    4. Copy of doctoral diploma in a relevant discipline
    5. Verification of satisfactory completion of at least 2 years in an ABMG-accredited molecular genetics training program. At least half of the training period should be spent in laboratory benchwork in molecular genetics and molecular diagnostics, handling clinical material with a broad range of cases and techniques
    6. Three letters of recommendation from ABMG-certified diplomates; one must be from the program director
    7. A logbook of 150 clinical molecular cases (a case is defined as a proband or a family study). The logbook should provide evidence for a diverse experience in molecular diagnosis with a variety of genetic disorders; use of different but appropriate techniques; and interpretation of results and contact with the referring physician or counseling of the patient. No more than 25% of the cases may be in any one disease category. If your

training does not end until June 30, 1996, the applicant must submit 100 cases at the time of application and the remainder by March 15, 1996, and

8. Complete the Clinical Molecular Genetics Competency List. This list must be signed by the laboratory director.

Applicants for reexamination within one cycle must submit the following

1. Completed application form including a photo identification form
2. Any additional laboratory tests the applicant is competent to perform, and
3. The appropriate examination fee(s)

### Certificates

Candidates who pass the general examination and at least one specialty examination will become diplomates of the ABMG. This information becomes public information and diplomates will be listed in the *Official American Board of Medical Specialties*. Any certificate issued by the ABMG shall be subject to revocation at any time should the ABMG determine, in its sole judgment, that a candidate who has received a certificate was in some respect not properly qualified to receive or retain it.

### Time-Limited Certification

Beginning in 1993, all certificates will be time-limited for a period of 10 years.

### Applicants With Special Disabilities

The ABMG offers examinations in a place and manner accessible to persons with disabilities, or offers alternative accessible arrangements for such individuals. Candidates who need special accommodations during the examination for a physical disability should provide written details to the ABMG at the time of application for examination or soon after the disability takes place.

## American Board of Neurological Surgery

Edward S Connolly, MD, Chairman, New Orleans, Louisiana  
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 Edward R Laws, Jr, MD, Senior Director, Charlottesville, Virginia  
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 Fremont P Wirth, MD, Savannah, Georgia  
 Mary Louise Sanderson, Administrator, Houston, Texas

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Neurological Surgery to ascertain whether the information below is current.)*

### Diplomates

A list of diplomates and bylaws of the American Board of Neurological Surgery appear in the *Official American Board of Medical Specialties Directory of Board Certified Medical Specialists*, which

can be obtained from Marquis Who's Who, Inc (121 Chanlon Rd, New Providence, NJ 07974). In addition, a list of new diplomates is published in the *Journal of Neurosurgery* shortly after each examination.

Information regarding training programs acceptable for certification can be found in the *Graduate Medical Education Directory*. This directory can be purchased from the American Medical Association (515 N State St, Chicago, IL 60610).

### Qualifications

The American Board of Neurological Surgery evaluates all qualified applicants for their proficiency in neurosurgery.

The minimum educational requirements of the Board should not be interpreted as restricting programs to these standards. If necessary, neurosurgical program directors may retain residents in their programs beyond the required 5 years of residency training in order to ensure satisfactory competence in neurosurgery.

It is the responsibility of the candidate to seek information concerning current requirements for certification by the American Board of Neurological Surgery. Even though directors of approved neurosurgical residency programs are well informed regarding requirements for certification, placement in an approved program does not guarantee adequate training for certification. The candidate must make sure he/she receives such training.

### Training Prior to Neurosurgery Residency

1. Graduation from a medical school that is acceptable to the Board.
2. Currently valid license to practice medicine in the state, province, or country of residence.
3. Twelve months devoted to acquiring adequate knowledge of fundamental clinical skills. This is known as postgraduate year one (PGY-1), general surgery year one, or internship; recommended for completion prior to beginning neurosurgical training, but must be completed prior to beginning the third year of that training. This may be achieved by
  - a. one year of training in an approved general surgery program in the United States or Canada, or
  - b. one year of training in an accredited neurosurgical residency program to include not less than 6 months in surgical disciplines other than neurosurgery; the remaining 6 months should include training in fundamental clinical skills considered appropriate by the program director, but may not include more than 6 weeks of neurosurgery, or
  - c. holding a certificate from the American Board of Surgery or a fellowship (in surgery, not neurosurgery) of the Royal College of Surgeons of England, Edinburgh, Canada, Ireland, Australasia, or Glasgow.

### Neurological Surgery Training Requirements

For residents beginning the neurosurgery portion of their training on or after July 1, 1979

1. Completion of 5 years of training following PGY-1. Neurosurgery training must occur in residency programs accredited by the RRC for Neurosurgery or its Canadian equivalent.
2. The 60 months of training must include at least 36 months of clinical neurosurgery in accredited programs; 12 months of this period must be served as a senior resident.
3. The training in clinical neurosurgery must be progressive and not obtained during repeated short intervals in a number of institutions. At least 24 months of training in clinical neurosurgery must be obtained in one institution.
4. At least 3 months must be devoted to training in clinical neurology. Six months is recommended. This training may be undertaken during PGY-1.

5. The unobligated 21 months may be devoted to neuropathology, neuroradiology, basic neurosciences, research, or other disciplines related to neurological surgery.
6. Exchange of residents between approved neurosurgical training centers in the United States and Canada may be arranged by the respective training program directors with the consent of the Board. In such instances, the Secretary of the Board must be notified of the rotation before the exchange begins. Such an exchange should in no way compromise any other training requirement. Training in any institution other than in the parent institution and its affiliated hospitals will not be considered as counting toward the requirements unless specified in advance by the program director and approved by the Board.
7. The program director must notify the Board of the appointment of each new neurosurgical resident and whether they are entering the program with intent to obtain certification and, if so, whether the director has informed the trainee of the requirements necessary to obtain such certification.
8. Residents in training after June 30, 1983, are required to record, in a fashion determined by the Board, their operative procedures.
9. Prior to acceptance for the certification process, the Board requires a statement from the candidate's program director to the effect that the candidate has met the minimum time requirements, has performed in training in a satisfactory manner and, in the judgment of the program director, is well prepared to enter into the independent practice of neurosurgery.

### Exceptional Modifying Circumstances

Upon recommendation of the program director and ratification by the Board, credit may be given for previous training if a candidate:

1. Before entering an approved neurosurgical training program, has had substantially more than the prerequisite training in general surgery, medical neurology, or the basic neurological sciences; such credit must be approved by the Board.
2. Transfers from one approved neurosurgical training program to another approved program
  - a. with the consent of the directors of both programs, or
  - b. without the consent of one of the program directors, but with the approval of the Board.

In the above cases, the director of the program from which the candidate transfers must indicate in writing to the new program director the credit for training, both in time and category, which he/she is prepared to certify that the candidate has successfully completed. A copy of such statement must be submitted to the Secretary of the Board. The new program director may or may not honor such credit, depending upon appraisal of the resident's professional and educational progress in the new program. A statement of how much training credit will be accepted must also be submitted to the Secretary of the Board.

Requests for training away from a parent institution or for transfer from one program to another should be submitted in writing to the Board prospectively, not retroactively.

Training by preceptorship is not considered as fulfilling certification requirements. No credit is given for time spent in such training.

Credit for elective training in foreign or other nonapproved centers may be granted by the Board on an individual basis when this training is carried out as an integral part of the training program and with the advice and approval of the candidate's program director. The Board must be informed of such a rotation prior to its occurrence.

The above provisions in no way alter the basic minimum requirement of 60 months of residency training in neurosurgery, including a minimum of 3 months of training in clinical neurology and 36 months of clinical neurosurgery in accredited institutions,

12 months of which must be as senior resident and 24 months in one institution.

### Primary Examination

Each applicant for the Board's oral examination must first pass for credit the primary examination, which is a written exam prepared by the Board with the assistance of a professional testing organization. The examination includes information on neuroanatomy, neurobiology, neurochemistry, neurology, neuropathology, neuropharmacology, neurophysiology, neuroradiology, neurosurgery, fundamental clinical skills, and material from other relevant disciplines deemed suitable and important by the Board.

The primary examination is given in March each year at training programs throughout the United States and Canada.

Residents in accredited training programs may take it for self-assessment or credit at the discretion of their program directors and diplomates may take the examination as often as desired for either credit toward certification or self-assessment. It is open for all neurosurgeons who have successfully completed training at accredited programs.

An application must be filed to take the primary examination. The deadline for receipt of this application by the Board is the first of January. The form must be accompanied by the fee set by the Board. This fee will be refunded only if the candidate informs the secretary's office that he/she is not going to sit for the examination prior to the deadline date for receipt of applications.

Examinees are required to sign a pledge that states that they agree to be bound by the Board's ruling regarding credentials irrespective of scores on the examination. By signing the pledge, candidates also grant permission to the American Board of Neurological Surgery and its testing organization to release the results, either for credit or self-assessment, to the examinee's program director.

Candidates should keep in mind that they must be scheduled for oral examination by the Board within 5 years of passing the primary examination for credit or completing a formal training program, whichever occurs later. Compliance with this regulation requires early submission of applications for oral examination and certification after training. If a candidate cannot be scheduled within the 5-year limit due to late submission of an application, he/she must once again pass the primary examination for credit before being scheduled for oral examination within the succeeding 3-year period. Candidates should also keep in mind that usually 18 months are required between submission of an application and oral examination.

### Practice Requirements

After beginning practice, the candidate shall furnish to the Board the names of three physicians (two neurosurgeons, including one ABNS diplomate) who are knowledgeable about the quality of the candidate's practice. The Board will request reference letters from these physicians and other physicians in the community. It is the prerogative of the Board to send representatives to review the candidate's practice.

In addition, the candidate will submit the names and addresses of either the medical director or chief of staff at each hospital where the candidate has privileges. Letters will be requested to advise the Board of the candidate's status regarding admitting and operating privileges in each hospital where he/she practices. Prior to oral examination, each candidate must be in possession of hospital staff privileges in all hospitals in which he/she cares for patients. Such privileges must be unrestricted in respect to the hospital's requirements for a neurosurgeon.

The candidates must also forward to the Board a typewritten, chronological list of all inpatients for whom he/she has been the responsible physician or surgeon for a current 12 consecutive month

period. No minimum volume of operative procedures is required. The total experience must be tabulated by the candidate in a format defined by the Board. The case material must be accompanied by a summary form signed by the chief of staff, chief of service, president of the medical staff, or hospital administrator of the hospitals where the candidate practices indicating the essential accuracy of the data. These data must be approved by the Board prior to scheduling for oral examination.

Candidates are responsible for retaining duplicate copies of these records.

### Certification of Those Training in Canadian Programs

Those satisfactorily completing approved Canadian training programs and holding a fellowship in neurosurgery from the Royal College of Surgeons (Canada) are eligible for certification through the same route as candidates training in the United States, outlined above.

### Applications

Applications for oral examination and certification are automatically sent to residents in June of their last year of training. Additional applications and practice data forms are available from the Board's Office. The application and accompanying information should be filled out and returned to the Board as soon as possible after beginning practice so that inquiries may be made from references and others in the community, the individual's training program faculty, and hospitals where the candidate practices.

A pledge is part of the application for oral examination. By signing the application, the applicant agrees to abide by all the terms and conditions of this pledge.

Upon receipt of an application, the Board takes such steps as deemed appropriate to verify the statements of facts made in the application. Inquiries are made from references and others familiar with the candidate to obtain information relevant to the requirements for examination.

The Board makes the final decision regarding a candidate's eligibility for oral examination and potential certification after considering all available information pertaining to the entire process of certification.

Application fees, once received, will not be refunded.

### Oral Examination

The oral examination, a clinical problem-solving and patient-management exam, is given twice a year. Candidates are given case histories and, where appropriate, x-rays, scans, and other visual aids to augment the presentation and development of cases. The candidate must be able to explain verbally how he/she would proceed in evaluating and/or managing the case, and planning and performing the proposed operation or operations, if indicated. One hour is devoted to neurological surgery—intracranial disease; one hour to neurological surgery—spinal and peripheral nerve disease; and one hour to a mixture. Neurosurgical neurology is included in all sections. Each of the three hours is conducted in an interview setting with two examiners.

A candidate who passes the oral examination will be forwarded the Board's certificate, once it has been suitably engrossed and signed by the officers of the Board.

### Reexamination Rules

A candidate failing the oral examination once may request reexamination within 3 years. A minimum of 1 year must elapse before taking the examination for the second time. The examination fee must be paid.

A candidate who has failed the oral examination on two or more occasions must pass the primary examination for credit again before becoming eligible to retake the oral exam. Two letters of reference certifying the nature and quality of the candidate's practice must be submitted to the Board, as well as hospital privilege letters and a year of new practice data. In addition, the candidate must pay the oral examination fee. Under these circumstances, candidates must take the oral exam within 3 years of repassing the primary examination. Should the candidate not apply for or fail to appear for oral examination within the three-year period, the candidate must re-pass the primary examination before being eligible for oral exam once again.

### Payment of Fees

Fees for filing an application and for oral examination will be determined by the Board. They reflect costs that the Board incurs through obligations associated with the certification process. The application fee will not be returned even though the application for examination is denied.

### Revocation of Certification

Pursuant to the rules and regulations established by the American Board of Neurological Surgery, the Board has the authority to revoke any certificate issued by it for various reasons, including: the person to whom the certificate was issued is convicted of a felony, or his/her license to practice medicine has been lost or encumbered. Should revocation be disputed, there is a hearing mechanism for such an action.

## American Board of Nuclear Medicine

James W Fletcher, MD, Chairman, St Louis, Missouri  
 Peter T Kirchner, MD, Vice Chairman, Iowa City, Iowa  
 James M Woolfenden, MD, Secretary, Tucson, Arizona  
 Robert A Kraft, MD, Treasurer, Burlingame, California  
 Philip O Alderson, MD, New York, New York  
 R Edward Coleman, MD, Durham, North Carolina  
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 Stanley J Goldsmith, MD, New York, New York  
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 Richard L Wahl, MD, Ann Arbor, Michigan  
 Joseph F Ross, MD, President, Los Angeles, California  
 William H Blahd, Vice President, Los Angeles, California

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Nuclear Medicine to ascertain whether the information below is current.)*

### Requirements for Certification

#### General Requirements for Each Candidate

Assurance that the applicant represents himself/herself to be a specialist in nuclear medicine.

#### General Professional Education

Graduation from a medical school approved by the Liaison Committee on Medical Education or from a school of osteopathy. If the applicant is a graduate of a medical school outside the United States or Canada, he/she must hold a currently valid ECFMG certificate issued by the Educational Commission for Foreign Medical Graduates

(ECFMG), 2000 Pennsylvania Ave NW/Ste 3600, Washington, DC 20037.

### Preparatory Postdoctoral Training

Training required for admission to the certifying examination in nuclear medicine shall comprise 1 or more years of preparatory postdoctoral training and 2 or more years of residency training in nuclear medicine.

Preparatory postdoctoral training shall consist of 1 or more years of residency training in programs satisfactory to the American Board of Nuclear Medicine (ABNM). Such programs shall provide broad experience in clinical medicine in which the primary emphasis is on the patient and his clinical problems. Preparatory training may be in any specialty in a residency program in the United States approved by the Accreditation Council for Graduate Medical Education (ACGME), or programs in Canada approved by the Royal College of Physicians and Surgeons of Canada (RCPSC), or the Professional Corporation of Physicians of Quebec (RCPSC). One year of preparatory postdoctoral training must precede training in nuclear medicine.

Each nuclear medicine residency training program director must ensure that for each resident entering his or her program the preparatory postdoctoral training has been in a United States program approved by the ACGME, or in a Canadian program approved by the RCPSC or the PCPQ.

### Special Postdoctoral Training in Nuclear Medicine

1. After completion of the preparatory postdoctoral training programs, there shall be satisfactory completion of a 2-year formal residency training program in nuclear medicine in a nuclear medicine residency training program recognized and approved by the Residency Review Committee for Nuclear Medicine and the ACGME or a Canadian program approved by the RCPSC or the PCPQ as competent to provide a satisfactory training in nuclear medicine.
2. The 2-year formal residency training program in nuclear medicine must include
  - a. A minimum of 18 months of training in clinical nuclear medicine, which will include, but not be limited to, radiobioassay, in vitro and in vivo measurements, nuclear imaging, positron emission tomography, nuclear magnetic resonance imaging, therapy with unsealed radionuclides, medical management of individuals exposed to ionizing radiation, the safe management and disposal of radioactive substances, and the direction of radiation safety programs.
  - b. Six months of training in allied sciences, which must include medical nuclear physics, radiation biology, radiation protection, instrumentation, radiopharmaceutical chemistry, statistics, and computer sciences; and may also include pathology, physiology, and other basic sciences associated with nuclear medicine. The time spent in training in allied science may be spaced throughout the period of training in nuclear medicine and in a manner that does not exceed 6 complete months of training.
  - c. For candidates who have completed residency training programs in clinical disciplines closely related to nuclear medicine in residency programs approved by the ACGME, the RCPSC, or the PCPQ, credit may be given for some of that training. Candidates desiring credit toward the nuclear medicine requirement should write to the Board requesting such credit.
3. The Board considers demonstration of clinical competence in the management of the nuclear medicine patient of paramount importance in its qualification of the applicant to take the certifying examination. The Board designates the directors of nuclear

medicine residency programs and their supporting evaluation committees as the authorities who most appropriately can provide to the Board the necessary documentation of competence in clinical nuclear medicine, and requires that all program directors certify to the Board that each applicant from their programs is competent in clinical nuclear medicine. These reports will be reviewed by the Board before accepting an applicant to take the certifying examination.

If a residency program director's evaluation indicates a candidate's competence in clinical nuclear medicine is unsatisfactory, the applicant will not be admitted to the examination unless the Board finds that the applicant's overall performance meets its standards. An applicant not admitted to an examination on the basis of these findings may appeal in writing to the Board for a special evaluation of competence in clinical nuclear medicine within 45 days of receipt of notification. The appeal should state that a request is made for review of the decision not to admit to the examination and why the candidate considers the decision to be in error. Applicants whose clinical competence is judged satisfactory in this evaluation will be admitted to the next examination for which they apply. Candidates judged not satisfactory in this evaluation are advised to spend an additional year training before applying again for special evaluation of competence.

Applicants submitting false credentials are subject to disqualification from examination or revocation of certification.

### Patient Care Responsibility

Candidates for certification in nuclear medicine will have the equivalent of at least 2 years' training in which the primary emphasis is on the patient and his clinical problems. This minimum period may be spaced throughout the entire postdoctoral training but should be of sufficient duration for the trainee to become knowledgeable in the aspects of clinical medicine relevant to nuclear medicine, including patient care.

### Canadian Training

Physicians who satisfactorily complete training in Canadian nuclear medicine programs approved by the RCPSC or the PCPQ are eligible for admission to the ABNM certifying examinations.

### Completion of Training

All preliminary and nuclear medicine residency training must be completed prior to September 1 of the year the candidate takes the certifying examination.

### Approved Residency Training Programs

Residency training programs in nuclear medicine accredited by the ACGME may be found in the *Graduate Medical Education Directory*, published annually by the American Medical Association, or may be obtained by contacting: Secretary, Residency Review Committee for Nuclear Medicine, ACGME, 515 N State St / Ste 2000, Chicago, IL 60610.

### Examination

An objective type examination is administered in a morning and an afternoon session. The examination evaluates the applicant's knowledge and competence in the management of patients in the area of clinical nuclear medicine, including, but not limited to, radioassay/radiobioassay, in vitro and in vivo measurements, nuclear imaging, the principles of nuclear magnetic resonance imaging, therapy with unsealed radionuclides, the medical effects of exposure to ionizing radiation, the medical management of persons exposed to ionizing radiation, radiation safety, and the safe management and disposal of radioactive substances. Also included is an evaluation of the candidate's knowledge in the related sciences of medical nuclear physics, radiation biology, radiation protection, instrumenta-



tion, radiopharmaceutical chemistry, computer sciences, and statistics; it may also include pathology, physiology, and other basic sciences associated with nuclear medicine.

### Applications

Applicants who wish to be examined by the Board must complete, sign and file with the Board Office an application on the official form together with the supporting data required by the application. The applicant must enclose a check to cover the examination fee and a self-addressed postcard, which will be returned to the applicant when all application materials have been received by the ABNM. It is the responsibility of the applicant to make certain that the required evaluation forms have been completed by his/her program director, and sent to and received by the ABNM.

As soon as determination is made concerning admission or non-admission to the examination, the candidate will be notified by mail, and if admitted, assignment of the candidate number and notification of the examination site will be given.

Before the final action on applications, officers, members, and employees of the Board are not authorized to estimate the eligibility of applicants. Applicants are requested not to discuss or write for opinions regarding the status of their application. The Board decides on eligibility to take the examination only by approving or disapproving individual applications, and accordingly has no "Board-eligible" category.

Inquiries concerning the applicability of previous training and experience should be sent with complete documentation of all education and training to the Board Office. A copy of the Board's response to these inquiries should be forwarded with any subsequent examination application.

### Release of Information

Candidates will receive the results of their examinations (pass/fail letter) approximately 4 months after the examination.

A list of diplomates of the ABNM will be found in the *Official American Board of Medical Specialties Directory of Board Certified Medical Specialists*, published by the American Board of Medical Specialties and Marquis Who's Who.

Upon request and with the approval of the Board Chairman, the Board releases information on diplomates to federal and state licensing bodies and to educational and professional organizations for specific, limited, and appropriate professional use. An authorization for release of this information is a part of the examination application form.

### Policy on Reexamination

Applicants who fail the examination are eligible for reexamination. An examination fee must accompany each completed application for reexamination. If an applicant is disqualified from the examination by reason of dishonesty in the application or in taking the examination and his/her examination is invalidated by the Board, reexamination shall be at the Board's discretion.

### Recertification

The ABNM offers its diplomates voluntary recertification based upon fulfillment of certain requirements including passing an objective cognitive examination. The ABNM will not rescind initial certification granted prior to 1992. Beginning in 1992 certification will be valid for a period of 10 years and may be revalidated by recertification.

### Journals Publishing Information on Application and Examination Schedules

*Annals of Internal Medicine* (Medical News Section)

*Journal of the American Medical Association* (Examinations and Licensure Monthly Section)

*Journal of Nuclear Medicine*

*Radiology*

*Journal of Clinical Pathology*

### Changes in Policies and Procedures

The Board reserves the right to make changes in its fees, policies, and procedures at any time, and cannot assume responsibility for giving advance notice thereof. The provisions of this publication are not to be construed as a contract between any candidate and the ABNM.

### Fees

The examination fee must accompany the application. If the applicant is rejected by the Board or withdraws prior to August 1, the application processing fee will be retained by the Board. If the applicant withdraws after August 1, the entire examination fee will be retained by the Board.

## American Board of Obstetrics and Gynecology

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Donald K Rahhal, MD, Oklahoma City, Oklahoma

Edward E Wallach, MD, Baltimore, Maryland

Gerson Weiss, MD, Newark, New Jersey

Norman F Gant, MD, Executive Director, Dallas, Texas

Deborah L Burkett, EdD, Educational Associate, Troup, Texas

Laurie Daniels, Assistant Executive Director, Dallas, Texas

#### *Division of Gynecologic Oncology*

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Barrie Anderson, MD

William J Hoskins, MD

Mary J O'Sullivan, MD, Representative

Karl C Podratz, MD, PhD

#### *Division of Maternal and Fetal Medicine*

Sharon L Dooley, MD, Director and Representative

Eleanor L Capeless, MD

Steven G Gabbe, MD

Ronald S Gibbs, MD

Larry C Gilstrap III, MD

#### *Division of Reproductive Endocrinology*

Edward E Wallach, MD, Director and Representative

Eli Y Adashi, MD

A F Haney, MD

Robert Rebar, MD

Daniel H Riddick, MD

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of*

*Obstetrics and Gynecology to ascertain whether the information below is current.)*

## Types of Board Status

### Residency Graduate

An individual for certification is registered with the Board when, upon application, the Board rules that he/she has fulfilled the requirements to take the written examination (see "Requirements" for the written examination).

### Active Candidate

1. An individual may achieve active candidate status by passing the written examination.
2. To maintain active candidate status, the candidate must not have exceeded the *limitations* to admissibility for the oral examination (see "Limitations").
3. Active candidate status that has expired may be regained by repeating and passing the Board's examination.

### Diplomate

1. An individual becomes a diplomate of the Board when he/she has fulfilled all requirements, has satisfactorily completed the written and the oral examinations, and has been awarded the Board's certifying diploma.
2. Certificates have limited duration of validity. Certificates will bear a limiting date of 10 years, after which they are no longer valid. Each diplomate must be evaluated again to receive a new certificate.

## Certification Process

Certification as a specialist in obstetrics and gynecology is the end of a process lasting many years. The required minimum duration of graduate education is 4 years.

During the final year of graduate training, it is necessary to initiate certain measures. Because most graduate training programs begin on July 1 and end on June 30, the following summary of the certification process is based on these dates. However, applicants who complete residency training at unusual times will have an extended time in the certification process.

Between September 1 and November 30 of the final year of residency, the candidate should request and complete the application for the written examination. If he/she is ruled admissible to take the examination, he/she will do so in June of the final year of residency.

If he/she passes the written examination, the candidate enters a 2-year period of practice in the specialty. The candidate is required to provide a list of patients under his/her care for a 12-month period beginning on July 1 of his/her second year of practice. Between January 1 and February 28 of his/her second year of practice, the candidate should request and complete the application for the oral examination.

The candidate may enter a 2-year Board-approved postresidency fellowship. Upon completion, this candidate will then enter a 1-year period of practice in the specialty. This candidate is required to provide a list of patients under his/her care during this year of practice (January 1 to December 31). Between January 1 and April 30 of this year of practice, the candidate should request and complete the application for the oral examination.

The candidate's list of patients must be mailed to the Board of office between January 1 and February 1, following the completion of the 12-month period of patient care. If ruled admissible, the candidate thus takes the oral examination in March or April.

## Important Dates in the Certification Process

### A. Final Year of Residency

- July 1—Commence
- September 1 to November 30—Apply for written examination
- June—Take written examination

### B. Practice

1. First year of practice  
No Board activities necessary
2. Second year of practice  
July 1 to June 30—Patient list  
January 1 to February 28—Apply for oral examination
3. Third year of practice  
August 15—Deadline for submission of patient list  
November—Take oral examination

### C. Fellowship in Subspecialty

1. First year (fellowship)  
No Board activities
2. Second year (fellowship)  
No basic Board activities  
(September 1 to November 30—Apply for subspecialty written examination)
3. Third year—First year of practice  
January 1 to February 28—Apply for the oral examination  
January 1 to December 31—Patient list
4. Fourth year—Second year of practice  
February 1—Deadline for submission of patient list  
March or April—Take oral examination

## Responsibility of a Candidate

It is the responsibility of the candidate to seek information concerning the current requirements for certification as an obstetrician and gynecologist. The Board does not assume responsibility for notifying a candidate of changing requirements or the impending loss of his/her admissibility to an examination.

## Written Examination

The written examination is a 3½-hour examination consisting of questions of the objective (multiple choice) type. Questions will be chosen from each of the following areas of knowledge

1. Anatomy, embryology, and genetics
2. Physiology
3. Endocrinology, fertility, and infertility
4. Gynecology
5. Obstetrics
6. Medicine, surgery, and psychosomatic problems
7. Pathology
8. Oncology

The candidate will be expected to demonstrate skills necessary to apply basic knowledge to the management of clinical problems.

These skills include

1. Obtaining needed information
2. Interpretation and use of data obtained
3. Selecting, instituting, and implementing care
4. Management of complications
5. Following and continuing care

The areas of information and skills examined for are further outlined in *Educational Objectives for Resident Education in Obstetrics and Gynecology* published by the Council on Resident Education in Obstetrics and Gynecology.

## Requirements

1. Degree of doctor of medicine, or an equivalent degree, and unrestricted license (an educational or institutional license will suf-

face) to practice medicine in one of the states or territories of the United States or a province of Canada.

The requirement of unrestricted license must have been met prior to the time that the application is submitted. An educational or institutional license is not satisfactory.

Candidates with a DO degree must have graduated from a school of osteopathy accredited by the American Osteopathic Association.

2. The candidate will be required to have completed or be near completion (see Application) of no less than 4 years in clinical programs accredited by the Accreditation Council for Graduate Medical Education (ACGME) or the Council of the Royal College of Physicians and Surgeons of Canada. This must include at least 36 months of obstetrics and gynecology, including the usual time as chief (senior) resident in the program. Completion of a year of "PG 1" plus a 3-year residency program, or a 4-year residency program will fulfill this requirement, but if the program consists of more than 4 years, the entire program must be completed.

Time spent in an osteopathic hospital or in any program not accredited by the ACGME will not fulfill this requirement.

3. A statement signed by the program director certifying that the candidate has
  - A. followed satisfactorily the course of instruction designed for this program
  - B. taken leaves of absence and vacation not exceeding 6 weeks in any year
  - C. completed and submitted to the program director a satisfactory resident experience log
  - D. achieved the appropriate knowledge, ability, and judgment in order to provide competent clinical care in obstetrics and gynecology, as documented by ongoing evaluation during the entire resident program, and
  - E. demonstrated the necessary technical skills to competently perform
    1. major abdominal and vaginal surgical procedures upon the female pelvis and related structures
    2. spontaneous and operative obstetric deliveries
    3. surgical exploration of the abdomen
    4. endoscopic procedures in the pelvis of proven value
    5. diagnostic evaluation including electronic monitoring, ultrasound, colposcopy, and amniocentesis
    6. diagnosis and treatment of complications of the above, and
    7. demonstrated good moral and ethical character.

### Application for Examination in 1995

A candidate who has completed an accredited residency program and a candidate scheduled to complete an accredited residency program on or before August 31, 1995, may apply on or before November 30, 1994, to write the examination on June 26, 1995.

The requirement of unrestricted license must have been met prior to the time that the application is submitted. An educational or institutional license is not satisfactory.

The form on which to apply to write the examination on June 26, 1995, may be obtained by writing to the Board office after September 1, 1994. Each applicant must meet the requirements effective in the year he/she requests admission to the examination. As a part of the application form, endorsement, and verification of the resident's experience, competence, satisfactory performance, and confirmation of the scheduled date for completion of the candidate's residency are requested of the director of the obstetric and gynecologic residency program.

The Board will make the final decision concerning the applicant's admission to the examination after considering all circumstances affecting his/her situation.

A candidate's application to write the examination on June 26, 1995, completed in all details, together with payment of the application fee of \$200, must be received in the Board office postmarked on or before November 30, 1994. A copy of the candidate's current license registration also is required.

The requirement of unrestricted license must have been met prior to the time that the application is submitted. An educational or institutional license is not satisfactory.

When the candidate is ruled admissible to the examination he/she will be notified in April (1) that the \$300 examination fee is payable and (2) the date the fee must be paid (see "Fees"), if the candidate is to be scheduled to write the examination in June.

If a candidate is found to be involved in litigation or investigation regarding ethical or moral issues, he/she will not be scheduled for examination and the application will be reexamined. Typically, the Credentials Committee will defer such a decision for 1 year to gain further information.

Falsification of data (including case lists) or evidence of other egregious ethical, moral, or professional misbehavior may result in a deferral of consideration of a candidate's application for at least 3 years, and the candidate must meet all eligibility requirements in effect at the end of the deferred period.

When the Credentials Committee rules an applicant not admissible to the written examination, a new application and fee may be submitted at a later date, but the candidate must then have fulfilled the requirements effective in the year of the new application.

### Admission to the Written Examination

The candidate ruled admissible to the examination will be sent an authorization for admission form, which must be presented to the proctor at the time and place of examination. When a candidate is scheduled to complete his/her residency program after submission of the application (but before September of that year), verification of the currently satisfactory manner in which the candidate is completing his/her residency must be reaffirmed by the signature of the director of the residency program on the authorization for admission form, dated within the month the candidate is scheduled to write the examination.

### Results of the Examination

The results of the examination written in late June will usually be reported to each candidate in approximately 9 weeks.

A passing grade on the written examination does not establish a candidate's admissibility to the oral examination for certification. (See "Oral Examination and Requirements.")

### Requests for Reexamination

A candidate previously scheduled to write the examination who fails to do so, as well as the candidate who writes but fails to pass a previous examination, must write the Board office after September 1, 1994, to request reapplication materials for the 1995 examination. It is necessary for each applicant to meet the requirements effective in the year he/she requests admission to the examination. The reapplicant must have submitted completed reapplication materials, a copy of current license registration and the reapplication fee of \$200, prior to the November 30, 1994, deadline.

The application fee and examination fee (see "Fees") must be paid each year a candidate is to be scheduled to write the examination.

### Oral Examination

All correspondence, applications and information directed to the Board must be in English.

All fees must be paid in United States currency.

The oral examination is designed to evaluate the candidate's knowledge and skills in solving clinical problems in obstetrics and gynecology, and to evaluate actual behavior in independent practice. It is emphasized that candidates will be examined in all areas of obstetrics and gynecology. More than half of the examination will consist of questions concerning patient management problems. The candidate's list of patients will be used freely by the examiners for this purpose, but additional basic clinical problems will be included. The remainder of the examination will include recall of basic knowledge in obstetrics and gynecology and interpretation of gross and microscopic pathology, X-ray films, sonograms, and related material from photographic slides.

Microscopes and slide projectors will be used. The knowledge and skills required for the oral examination are the same as those listed in regard to the written examination.

Recording devices will not be permitted during the oral examination.

Candidates will be expected to demonstrate that they have acquired the capability to perform, independently, major gynecologic operations, spontaneous and operative obstetric deliveries, to manage the complications thereof, and to perform the essential diagnostic procedures required of a consultant in obstetrics and gynecology.

Candidates will be expected to demonstrate a level of competence that allows them to serve as consultants to physicians who are not obstetrician-gynecologists in their community.

The report of the examining team will be reviewed by the Board of Directors and each candidate is passed or failed by vote of the Board.

You can expect the examination to be completed within a half day.

At the completion of the oral examination, if a candidate believes his/her examination has not been conducted in a fair and unprejudiced manner, the candidate may report within the hour to the Board office staff and ask for a second examination. The request must be made within 1 hour. If the appeal is granted

1. A second examination will be provided at the next regularly scheduled annual oral examination at no additional charge
2. The repeat examination will be conducted by an entirely different team of examiners, no one of whom shall have previously participated in an examination of the candidate
3. Neither the questions nor the candidate's answers on the first examination will be known to or taken into account by the second group of examiners, and
4. The decision of the examiners conducting the second examination shall determine the results of the candidate's oral examination

## Requirements

1. Passing grade on the written examination.
2. Good moral and ethical character.
3. Unrestricted license to practice medicine in one of the states or territories of the United States or a province of Canada, since at least February 28, 1994.
4. Actively engaged in (private or nonprivate) unsupervised practice.
  - a. Independent unsupervised patient care limited to obstetrics and gynecology
    1. for at least the time from February 18, 1994, through June 30, 1994 (time spent in a critical care fellowship does not meet this requirement), or
    2. for at least the time from July 1, 1994, through June 30, 1995, for candidates who have successfully completed a Board-approved fellowship (this includes critical care fellowship only if taken in continuity with a Board-approved specialty fellowship).

- b. Unrestricted hospital privileges to practice as an obstetrician-gynecologist since at least July 1, 1994. Such privileges must be granted in each of the hospitals in which the candidate has been responsible for patient care during this time. If the candidate is under investigation or on probation, the examination will be deferred until the investigation is completed, the probation is lifted, and full and unrestricted privileges are granted.
5. Submission of typewritten lists (two copies) on or before August 15 preceding the examination, of all patients dismissed from care in all hospitals during the 12 months ending June 30 prior to the scheduled examination, and a list of 40 patients from office practice.

The candidate is personally responsible for the proper preparation, accuracy, and completeness of the case lists, which will reflect the unsupervised practice (private or nonprivate) activity following residency and fellowship.

6. On the day of the examination, the candidate will be expected to sign the following statement: "There have been no restrictions in my hospital privileges since the date of my application." Candidates who are unable to sign this statement will not be admitted to the examination until and unless they present evidence that full and unrestricted privileges have been restored.
7. Practice that consists of ambulatory care exclusively will not be considered adequate to fulfill these requirements.

Additional requirements for candidates practicing in a country other than the United States or Canada.

8. Submission with the application of a letter(s) from a senior responsible officer in the hospital(s) where the candidate practices, verifying the candidate's responsibility for independent, unsupervised care of obstetric and gynecologic patients.

## Limitations

Duration of active candidate status is limited. Candidates must pass the oral examination within 6 years following passing the written examination and may take the oral examination only three times. If they fail the oral examination three times, or fail to pass the oral examination within 6 years, they become ineligible to repeat the examination at that time. They must repeat and pass the written examination to become admissible to the oral examination again.

## Determination of Qualifications

The Board will require, by confidential inquiry, documented evidence concerning a candidate's professional reputation, moral and ethical character, and in-hospital practice privileges from administrative officers of organizations and institutions to whom the candidate and his/her conduct of practice is known.

Time as a "resident" or "house officer" in excess of that necessary to fulfill the requirements to take the written examination, or time in a "student" or a teaching or research appointment that does not involve appointment to the staff of an approved hospital with unrestricted privileges to practice as an obstetrician and gynecologist, will not be acceptable evidence of a degree of responsibility for patient care that is acceptable fulfillment of the required "independent practice."

Each candidate will be required to furnish the Board with certain prescribed information concerning his/her performance in practice (maternal mortality rate, perinatal mortality rate, cesarean section rate, etc).

If a candidate is found to be involved in litigation or investigation regarding ethical or moral issues, he/she will not be scheduled for examination and the application will be reexamined. Typically, the Credentials Committee will defer such a decision for 1 year to gain further information.

Falsification of data (including case lists) or evidence of other egregious ethical, moral, or professional misbehavior may result in deferral of consideration of a candidate's application for at least 3 years and the candidate must meet all requirements in effect at the end of the deferred period.

Patient lists (a) not providing the information requested; (b) not prepared in accordance with the format requested; or (c) that do not have sufficient numbers of patients, or do not include sufficient breadth and depth of clinical problems, may disqualify the candidate for admission to the oral examination.

### Application for Examination in 1995

Application to take the oral examination in November 1995 must be made on the "application for the 1995 examination" form. The application, complete in all details, with payment of the application fee of \$350, must be received in the Board office during January or February 1995. The deadline date for receipt of applications in the Board office is a postmark of February 28, 1995. Requests for the appropriate form must be made in writing.

The Board will make the final decision concerning the applicant's admission to the oral examination after considering all circumstances affecting his/her situation.

A candidate ruled admissible to the oral examination in November 1995 will be so notified on or before July 15, 1995. He/she must then submit, on or before August 15, 1995:

1. Duplicate, typewritten, and verified lists of all patients dismissed from his/her care in all hospitals during the 12 months preceding June 30, 1995, and a list of 40 patients from his/her office practice.

The candidate's lists of patients will be used as a basis for questions during the oral examination and will not be returned to the candidate, and

2. Payment of the examination fee by personal check or money order of \$450 (in US funds).

### Patient Lists for the Oral Examination

Each candidate for the oral examination must prepare the following patient lists for review by his/her examiners at the time of examination. The candidate's list of patients will be freely used as a basis for questions that will be patient-management oriented. Questions will be developed that test the ability of the candidate to

1. Develop a diagnosis. This includes the necessary clinical, laboratory, and diagnostic procedures
2. Select and apply proper treatment under elective and emergency conditions
3. Manage complications. This includes prevention, recognition and treatment, and
4. Plan and direct follow-up and continuing care

Carelessly prepared or incomplete case lists may contribute to failure to pass the oral examination.

The candidate should bring a duplicate patient list to the oral examination for personal reference. Do not include any information on this duplicate list that did not appear on the case lists sent to the Board office.

The case lists must have sufficient numbers and sufficient breadth and depth of clinical difficulty. They must include 40 office practice patients and a minimum of 50 patients with significant problems. The clinical problems will vary according to the nature of the candidates' practices. However, the problems must be of sufficient variety and severity to permit the evaluation of a candidate's ability to function as a consultant. Ordinarily, these lists will include patients having obstetric management and a variety of major abdominal and vaginal surgical procedures. Candidates who have successfully completed a Board-approved fellowship, and who are

active candidates for certification of special qualification, may submit cases in a single specialty within obstetrics and gynecology, if they represent the breadth and depth of that specialty.

The candidate's list must include 40 office practice patients and all hospitalized patients discharged or transferred from the candidate's care during the 12 months ending June 30 of the current year, and must be mailed to the Board office on or before August 15 preceding the November examinations.

The patients listed must be only those for whom the candidate has had personal responsibility for professional management and care. Recording such professional responsibility implies that the candidate has personally controlled the medical and/or surgical management of each patient listed. In the case of partnership or group practice, the patients listed should be only those managed by the candidate.

A patient list should be accurately typed across unbound sheets of white paper 8½×11 inches in size. Separate lists are required for each hospital. The headings must conform in all details and provide the information indicated by the format of the forms enclosed with the oral application. Two copies of the complete list must be submitted.

Standard nomenclature should be used. Abbreviations are not acceptable. Only English language will be acceptable.

The duplicate lists of patients will not be returned to the candidate after the examination. The candidate should bring a duplicate list to the examination.

#### 1. Office Practice Patients

A list of 40 patients from the candidate's office practice should be prepared in the format accompanying the application. List separately patients who have presented with any of the following problems. List no more than four patients from any one category. Do not include any patients who appear on the hospital lists.

Genetic problems  
Amenorrhea  
Infertility  
Abnormal uterine bleeding  
Developmental problems  
Sexual dysfunction  
Contraception complications  
Hirsutism  
Abnormal cervical-vaginal cytology  
Pelvic pain  
Vaginal discharge/pruritus  
Breast problems  
Medical complication of pregnancy  
Premenstrual tension  
Office surgery  
Sexually transmitted disease  
Asymptomatic pelvic mass  
Pelvic relaxation problems  
Urinary tract infection  
Psychosomatic problems  
Menopause

List separately each patient and include the problem (one of the listed categories), diagnostic procedures, treatment, results, and number of office visits during the 12-month period. Group patients together under each separate category.

#### 2. Gynecology

A list of all gynecologic patients hospitalized, ambulatory, or short-stay surgery, should be prepared in the format accompanying the application and listed in order as follows

- a. Major operative procedures
- b. Minor operative procedures

### c. Nonsurgical admissions

The preoperative diagnosis should appear for all major and minor surgical procedures. The size of ovarian cysts must be recorded. For nonsurgical conditions, the admission diagnosis should be recorded. The treatment recorded should include all surgical procedures, as well as primary nonsurgical therapy. Surgical diagnosis refers to the pathology diagnosis. For hysterectomy specimens, the uterine weight in grams must be recorded. In cases without tissue for histologic diagnosis, the final clinical diagnosis should be listed.

Days in hospital on this listing of patients, as well as on all other lists, is the arithmetic difference between date of discharge and date of admission.

The total number of uncomplicated, induced abortions of 12 or less weeks' duration should be reported simply as a total number.

Induced abortions of more than 12 weeks' (menstrual age) duration should be listed separately, indicating the duration of pregnancy and the technique employed.

Also list separately, as individual patients, all with complications following induced abortions, either observed or reported to you, regardless of the duration of the pregnancy when abortion was induced.

### 3. Obstetrics

A list of obstetric patients should be prepared in the format accompanying the application. List separately each patient with a complication or abnormality, as well as medical and surgical intervention during pregnancy, labor, delivery, and the puerperium. In addition, a total of the number of normal, uncomplicated obstetric patients, managed during the same 12-month period, should appear at the end of the obstetric list.

Interpretation of "normal obstetric patients" for this listing implies that

- a. Pregnancy, labor, delivery, and the puerperium were uncomplicated, labor began spontaneously between the 37th and 42nd week of gestation
  - b. The membranes ruptured or were ruptured after labor began
  - c. Presentation was vertex, position was occiput anterior or transverse, labor was less than 24 hours in duration
  - d. Delivery was spontaneous or by outlet forceps, with or without episiotomy, from an anterior position
  - e. The infant was not asphyxiated (Apgar 6 or more), of normal size, and healthy, and
  - f. The placental stage was normal and blood loss was not excessive
- Deliveries not fulfilling these criteria must be listed individually. Include gestational age at admission.

### 4. Cover Sheets

Each list of patients, gynecologic and obstetric from each hospital, should be verified as illustrated by the form accompanying the application. Note that the record librarian or other hospital official must attest that (a) the patients listed were cared for by the candidate, and (b) that all of the hospitalized patients dismissed from the candidate's care have been separately listed or reported in the totals reported for the period indicated.

### 5. Summary Sheet

Using the form provided for this purpose, prepare a summary of all cases for all hospitals combined.

### Admission to the Oral Examination

If the examination fee has been paid and the two copies of patients have been submitted by August 15, 1994, the candidate will receive an authorization for admission form and a reservation card for the hotel at least 1 month prior to the examination, indicating the day, time, and place to report for the examination. Please keep us informed of your current mailing address.

### Ruling Not Admissible

A candidate not admitted to an oral examination may subsequently reapply, but must then submit a new application, pay the application fee, and meet the requirements applicable at the time he/she reapplies.

If the candidate was disqualified because the case lists were judged insufficient for a fair examination, the new case lists will be added to those already submitted. Thus the requirement of sufficient numbers, breadth, and depth in the case list makes time in practice the variable and experience the constant.

### Reexaminations

A candidate who is disqualified or who fails to pass the oral examination must reapply in order to take the examination another year by submission of a new application during January or February, with payment of the reapplication fee of \$350.

A candidate reapplying for examination will again be asked to provide verification of his/her responsibilities for patient care and will again be notified, early in July, in regard to his/her admissibility to the next examination.

A candidate accepted for reexamination must submit, on or before August 15 prior to examination, new case lists of patients for the 12 months prior to June 30 prior to the oral examination.

The examination fee of \$450 is due each time a candidate receives notice that he/she can be scheduled to take the oral examination. Each reexamination will be conducted by examiners who have no knowledge of the fact or circumstances of a candidate's previous failure.

### Postponement of Oral Examination

A candidate failing to take an oral examination for which he/she had been scheduled must submit a new application during January or February of the following year, when his/her admissibility to the next examination will be determined on the basis of the candidate's professional activities as reported during the current year. Payment of the \$350 reapplication fee must accompany each reapplication.

If notified of his/her admissibility to the next oral examination, he/she must again submit, before August 15, a listing of all patients dismissed from his/her care in all hospitals during the 12 months ending June 30 prior to the oral examination, and a list of 40 patients from office practice.

### Fees

Since the fees have been computed to cover the costs of examination and administrative expense, they will not be refunded or credited. All fees must be paid in United States currency. The candidate's canceled check is to be considered the receipt.

### A. Written Examination

The application fee of \$200 must be enclosed with each application, reapplication, or request to write the examination. The candidate will usually be notified early in April that his/her application or request has been approved, at which time the \$300 examination fee will be due. If payment of the examination fee has not been received in the Board office postmarked on or before May 1, the candidate will not be scheduled to write the examination in June.

No application fees will be either credited against a future application or refunded.

Examination fees may be refunded, provided candidates inform the Board office in writing of their inability to write the examination prior to June 1.

### B. Oral Examination

The application fee of \$350 must be enclosed with each application to take the oral examination. A candidate notified in mid-July of

his/her admissibility to the oral examination in November is required to pay the \$450 examination fee before he/she will be scheduled to take the oral examination. If the examination fee has not been received in the Board office postmarked on or before August 15, the candidate will not be scheduled to take the examination the following November.

No application fees will be either credited against a future application or refunded.

Examination fees may be refunded provided candidates inform the Board office in writing of their inability to write the examination prior to September 30.

### Listings of Certified Diplomates

Each year the Board office notifies the American College of Obstetricians and Gynecologists of the names and addresses of the diplomates certified in that year. A list of the names of the most recently certified diplomates is sent also to the American Medical Association and to the American Board of Medical Specialties with the request that they be included in the next issues of (1) the *Directory of Physicians in the United States* and (2) in the *Directory of Certified Obstetrician-Gynecologists*.

A candidate's name will be included in the lists to be published only if the candidate has authorized inclusion of his/her name in the specific listings by signing accordingly on the Authorization for Admission form at the time of his/her oral examination.

After this effort to ensure initial listings of the newly certified diplomate, the Board assumes no responsibility for a diplomate's listing in subsequent issues of any directory.

### Revocation of Diploma or Certificate

Each candidate, when making application, signs an agreement regarding disqualification or revocation of his/her diploma, certificate, or other evidence of qualification for cause. Revocation may occur whenever

1. The physician shall not in fact have been eligible to receive the diploma or certificate, irrespective of whether the facts constituting such ineligibility were known to or could have been ascertained by this Board, its members, directors, examiners, officers, or agents at or before the time of issuance of such diploma or certificate.
2. Any rule governing examination for a diploma or certificate shall have been violated by the physician, but the fact of such violation shall not have been ascertained until after the issuance of his diploma or certificate.
3. The physician shall have violated the moral or ethical standards of the practice of medicine then accepted by organized medicine in the locality in which he/she shall be practicing and, without limitation of the foregoing, the forfeiture, revocation, or suspension of his/her license to practice medicine, or the expulsion from, or suspension from, the rights and privileges of membership in a local, regional, or national organization of his/her professional peers shall be evidence of a violation of such standards of the ethical practice of medicine.
4. The physician shall fail to comply with the rules and regulations of this Board.
5. The issuance of, or receipt by, him/her of such diploma, certificate, or other evidence of qualification shall have been contrary to or in violation of the Certificate of Incorporation or the Bylaws of this Board.
6. The Board adheres to *The Ethical Considerations in the Practice of Obstetrics and Gynecology* currently published by the American College of Obstetricians and Gynecologists.

Upon revocation of any diploma or certificate by this Board as aforesaid, the holder shall return his/her diploma or certificate and

other evidence of qualification to the executive director of the Board and his/her name shall be removed from the list of certified specialists.

## American Board of Ophthalmology

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William H Spencer, MD, Executive Director, San Francisco, California

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Ronald E Smith, MD, Los Angeles, California

Robert L Stamper, MD, San Francisco, California

H Stanley Thompson, MD, Iowa City, Iowa

Fred M Wilson II, MD, Indianapolis, Indiana

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Ophthalmology to ascertain whether the information below is current.)*

### Preface

Around the turn of the century the question of adequate training and testing of the qualifications of specialists was raised by a number of leaders in American ophthalmology. These discussions culminated in 1914 with the formation of a joint committee of the American Academy of Ophthalmology and Otolaryngology, the American Ophthalmological Society, and the Section on Ophthalmology of the American Medical Association to consider ophthalmic education. The report of this committee in 1915 led to the establishment of the American Board for Ophthalmic Examinations May 8, 1916. Following the annual Academy meeting in Memphis, the Board examined eleven candidates December 13 and 14, 1916, at the University of Tennessee Medical School. The Board was incorporated May 3, 1917. The name was changed from the American Board for Ophthalmic Examinations to the American Board of Ophthalmology in 1933. This was the first American Specialty Board to be established, with the American Board of Otolaryngology following in 1924 and the American Board of Obstetrics and Gynecology in 1930.

The directors of the American Board of Ophthalmology are chosen for a 4-year term. One additional 4-year term is permitted. The individuals include clinicians and academicians with specific ophthalmologic skills and a broad geographic distribution. The founding organizations, the American Academy of Ophthalmology, the American Ophthalmological Society and the American Medical Association continue to serve as members of the corporation in an advisory capacity. The directors of the American Board of Ophthalmology are listed in *The Official ABMS Directory of Board Certified Medical Specialists*, published by Marquis Who's Who. This is the authorized publication of the 24 recognized specialty Boards that certify physicians in medical and surgical specialties.

Up to January 1, 1994, the Board had conducted 183 examinations and issued its certificate to 19,208 ophthalmologists.

## Goal of Certification Process

The intent of the certification process of the American Board of Ophthalmology is to provide assurance to the public and to the medical profession that a certified physician has successfully completed an accredited course of education in ophthalmology and an evaluation including an examination. The evaluation is designed to assess the knowledge, experience and skills requisite to the delivery of high standards of quality patient care in ophthalmology.

It has never been the purpose of the Board to define the requirements for membership to hospital staffs or to gain special recognition or privileges for its diplomates in the practice of ophthalmology. Neither is its purpose to state who may or may not practice ophthalmology or to define the scope of ophthalmic practice. The Board does not seek to obtain special privileges for its diplomates over other qualified physicians. The certificate of the Board does not confer any academic degree, legal qualifications, privilege, or license to practice ophthalmology.

## Governing Rules and Regulations

The Board's rules and regulations, which are subject to change from time to time without notice, contain specific provisions concerning eligibility for the examinations administered by the Board; an admission appeals process, which is available under certain circumstances; the application process; the examination processes; a description of the circumstances under which an applicant will be required to reactivate an existing application, or submit a new application, or repeat part or all of an examination; a list of occurrences that could lead the Board to revoke a certificate previously issued by it to a diplomate or to place the diplomate on probation; and other matters relating to the Board's examination and certification processes. Many, but not all, of those provisions are summarized or described in this publication. In the event of any inconsistency between the Board's rules and regulations and this publication, or any omission from this publication of any provision of the rules and regulations, the rules and regulations shall govern. Copies of the rules and regulations are available upon request from the Board's executive office.

## Requirements

Many physicians write to the Board outlining their training and asking for an estimate of their qualifications and whether further training is required. The Board's requirements, as published herewith, provide this information and any potential applicant should be able to determine his/her status after studying these requirements. Individual officers or directors of the Board cannot and will not make such determinations. All evaluations of an applicant's status will be made by the Committee on Admissions in accordance with the Rules and Regulations of the Board, after submission of an application for examination and payment of the registration fee, which must accompany the application. Personal interviews with officers and directors of the Board should not be requested at any time.

It is the responsibility of the candidate to seek information concerning the current requirements for certification as an ophthalmologist. The Board does not assume responsibility for notifying a candidate of changing requirements or the impending loss of his/her eligibility to take an examination.

### Educational

All applicants must have graduated from a medical school or from a school of osteopathy.

All applicants entering ophthalmology training programs must have taken a post-graduate clinical year (PG-1) in a program in the United States accredited by the Accreditation Council for Graduate Medical Education (ACGME) or in Canada accredited by the Royal College of Physicians and Surgeons of Canada (RCPSC). The PG-1

year must comprise training in which the resident has primary responsibility for patient care in fields such as internal medicine, neurology, pediatrics, surgery, family practice, or emergency medicine. As a minimum, six months of this year must consist of a broad experience in direct patient care.

In addition to a PG-1 year, all applicants must have satisfactorily completed an entire formal graduated residency training program in ophthalmology of at least 36 months' duration (PG-4 or better) in either the United States accredited by the ACGME, or in Canada approved by the Royal College of Physicians and Surgeons of Canada. No other training, including any form of fellowship, is acceptable.

The applicant's chairman is required to verify satisfactory completion of an entire formal graduated ophthalmology residency training program of at least 36 months' duration. When a resident's graduate education and clinical experience have been gained in more than one residency program, each chairman will be required to complete a satisfactory completion form. Less than 6 months' service in an accredited program is not acceptable as a part of the required training in ophthalmology. The chairman's verification form(s) cannot be submitted to the Board until the applicant has completed the entire residency training program.

If a program is disapproved or withdrawn during the course of a resident's training, he/she must complete the remaining required number of months of training in another accredited program.

Only those applicants who have completed their entire ophthalmology training program, PGY-4 or beyond, by August 1 are eligible to apply for the Written Qualifying Examination given in April of the following year.

### Licensure

#### *Graduates of United States and Canadian Medical Schools*

A person shall be eligible to apply for and to take any examination administered by the Board only if, as of the date of application and at all times thereafter through and including the date of administration of each examination of the Board taken by the person, the person has a valid and unrestricted license to practice medicine in the place or places in which the person's practice of medicine is regularly conducted in the United States, or any of its territories, or Canada and in each other place in which the person practices or has practiced medicine and has an unexpired license. Information concerning the Board's rules and regulations with respect to definitions of an invalid or restricted license is available upon request from the Board's executive office.

#### *Other Medical Graduates*

An applicant may have graduated from a medical school of a country other than the United States or Canada. Graduates of foreign medical schools must have a valid and unrestricted license to practice medicine (as defined above and in the Rules and Regulations of the Board); they are also required to have a certificate from the Educational Commission for Foreign Medical Graduates (ECFMG).

#### *Applicant Disclosure Obligations*

At the time a person submits an application to the Board and at all times thereafter, the person shall have a continuing obligation to disclose promptly to the Board the existence or occurrence of any circumstances causing the person to fail to satisfy the foregoing condition of eligibility to apply for and take any examination administered by the Board. A person submitting an application to the Board shall inform the Board on, or in a written submission accompanying, the person's application or in a written submission to the Board before taking any examination administered by the Board, as the case may be, if the person's license to practice medicine in the United States, any of its territories, or Canada has previously been surrendered or not renewed upon its expiration or if the person's practice of medicine or license to practice medicine in the United



States, any of its territories, or Canada has previously been revoked, restricted, conditioned, suspended, limited, qualified, or subject to the terms of probation.

## Applications

An applicant who wishes to be examined by the Board shall complete, sign and file with the executive director an application on the official form then in use by the Board. The application shall be considered complete only when all supporting data required by the application, including the chairman's verification form, are also filed with the executive director. Applications can be obtained from the chairmen of accredited residency programs or from the Office of the Board. If an applicant wishes to be considered for a Written Qualifying Examination to be conducted in a particular year, his or her application and all supporting data, including supporting data furnished directly by others with respect to the applicant, must be postmarked between March 1 and August 1 except for the chairman's verification form, which must be postmarked on or before October 1 of the calendar year immediately preceding the calendar year in which the Written Qualifying Examination is to be conducted. By paying a late fee the deadline for postmarking the completed application may be extended from August 1 to September 1. No other exceptions to, or extensions of, these requirements will be made for any reason. The dates of future examinations will be announced in *Ophthalmology* and the *Journal of the American Medical Association*.

An applicant who does not receive notification from the Board of office by January 15 of the acceptance or rejection of his or her application must contact the Board office in writing to inquire about the status of the application. Failure to contact the Board office in writing by February 15 will result in such applicant's removal from the examination roster.

If a completed application and all required supporting data are not timely postmarked the application will not be valid, and the application fee shall be returned. It is best not to mail application materials just before the postmark deadline because packets are sometimes postmarked a day or two after mailing. If there is a discrepancy between a metered postmark and an official US Postal Service postmark, the latter will be considered official.

The application shall be accompanied by a check payable to the Board for the application fee. No application will be considered to be complete until the fee and all required supporting data, including a copy of your current registration to practice medicine and two recent photographs for identification at the Written Qualifying Examination and the Oral Examination, have been received by the executive director.

The application form contains a pledge that explains the prohibitions regarding improper conduct before, during and after examinations. Candidates must certify that the information they provide in their applications is true and accurate. If (1) any misrepresentation is discovered in the application, in any other information submitted to the Board or in the identity of a person applying to take or taking the examinations; (2) any financial or other benefit is offered by a candidate to any director, officer, employee, proctor, or other agent or representative of the Board in order to obtain a right, privilege or benefit not usually granted by the Board to similarly situated candidates; or (3) any irregular behavior during the examination, such as copying answers, sharing information, using notes, or otherwise giving or receiving aid, is discovered by observation, statistical analysis of answer sheets, or otherwise, the candidate in question shall be given written notice of the charges and an opportunity to respond in accordance with the procedures set forth in the Rules and Regulations of the Board. If the Board determines that a violation has occurred, the Board may permanently bar the person(s) involved in

the violation from all future examinations, invalidate the results of prior examinations taken by the person(s), withhold or revoke the certificate of the person(s), or take other appropriate action. If sanctions are imposed pursuant to the Rules and Regulations of the Board, the Board may notify legitimately interested third parties of its action.

When the Board determines that irregular behavior has occurred during an examination, the Board will make every effort to withhold the scores of only those candidates directly implicated in the irregularity. Nevertheless, in some instances the evidence of irregularity, though sufficiently strong to cast doubt on the validity of scores, may not enable the Board to identify the specific candidates involved in the irregularity. In such circumstances, the Board may withhold the scores of candidates not directly implicated in the irregularity and, if necessary, may require those candidates to take an additional examination at a later date to ensure the validity of all scores.

The examination booklets used in the Written Qualifying Examination and the illustrative materials and questions asked in the Oral Examination are copyrighted as the sole property of the Board and must not be removed by the candidate from the test area or reproduced in any way. Any reproduction, in whole or in part, of the Written Examination test booklet or Oral Examination materials and questions is a federal offense and also may subject the applicant to the sanctions listed above. No notes, textbooks, other reference materials, scratch paper or recording devices may be taken into either the Written or the Oral Examinations.

## Disabilities

The American Board of Ophthalmology is committed to complying fully with its responsibilities under Section 309 of the Americans with Disabilities Act to any qualified candidate for Board certification who establishes to the reasonable satisfaction of the Board the existence, the specific nature, and the extent of the candidate's disability within the meaning of the Act.

The Board intends to offer its certification examinations in places and in a manner that are accessible to such disabled candidates. The Board intends to select and administer its examinations so as best to ensure that when one of its examinations is administered to a candidate with a disability that impairs sensory, manual, or speaking skills, the examination results accurately reflect the candidate's aptitude or achievement level and other factors that the examination is designed and intended to measure, rather than reflecting the candidate's impaired sensory, manual, or speaking skills, except where those skills are among the factors that the examination is designed and intended to measure.

A candidate for Board certification who believes that he or she is disabled within the meaning of Section 309 of the Americans with Disabilities Act and who requests a modification in the form of the certification examination administered by the Board or in the manner of its administration to the candidate shall specify on, or in a supplement submitted with, the candidate's timely filed application form to the Board the existence, the specific nature, and the extent of his or her disability and the specific modification requested. The candidate also shall submit with the application, in addition to all materials and information required to be submitted with the application, independent documentary evidence that establishes to the reasonable satisfaction of the Board the existence, the specific nature, and the extent of the candidate's disability and why the modification requested by the candidate is required by the candidate's disability.

## Fees

Review of application and registration for Written Qualifying Examination, \$815, payable with application.

Review of late application and registration (after August 1 to September 1 postmark), \$1,035.

Repeat registration fee, \$590.

Late repeat registration fee, (after August 1st to September 1 postmark); \$720.

## Oral Examination

Due to time constraints, there is no late filing period for oral candidates.

Registration fee, \$655, payable on successful completion of the Written Qualifying Examination.

Repeat entire oral examination, \$655.

Repeat one subject, \$295.

Repeat two subjects, \$450.

## Cancellations

To cover administrative expenses an additional charge equal to 50% of the original application and registration fee (or repeat registration fee) for that particular Written Qualifying Examination or Oral Examination will be imposed on any applicant who cancels or fails to keep an examination assignment, regardless of the reason. This fee is due at the time of cancellation.

Fees for accepted candidates for the Written Qualifying Examination and the Oral Examination are not refundable.

The fees for examinations shall be established annually by the Board of Directors on the basis of the actual and anticipated costs of the Board in the examination of applicants and the administration of its business. The Directors of the Board serve without compensation except for reimbursement of expenses.

## Time Limit

### New Applicants

An applicant must successfully complete the Written Qualifying Examination and the entire Oral Examination by December 31 of the sixth year following completion of accredited training in ophthalmology. An applicant who has not become certified within such period and who does not currently have an approved active or inactive application on file with the Board shall have until January 23, 1999, to submit a completed application and to complete certification. Candidates failing to achieve certification within the required time must submit evidence of satisfactory completion of one or more additional years of clinical experience in ophthalmology supervised and sponsored by an ACGME-accredited residency training program before he/she can resubmit an application to the American Board of Ophthalmology.

### Active/Inactive Applicants

All individuals who currently have an approved active application and all who have an approved inactive application on file with the American Board of Ophthalmology will be given 6 years from January 23, 1993, to complete certification. If not certified, the candidate must submit evidence of satisfactory completion of one or more additional years of clinical experience in ophthalmology supervised and sponsored by an ACGME-accredited residency training program and reapply under the rules in effect at the time the reapplication is filed.

## Written Qualifying Examination

In order to qualify for an Oral Examination, each applicant must pass a Written Qualifying Examination. The Written Qualifying Examination consists of 250 multiple-choice questions. The purpose of the Written Qualifying Examination is to evaluate the breadth and

depth of the basic science and clinical knowledge of candidates who have satisfactorily completed an accredited program of education in ophthalmology. Candidates who successfully complete the Written Qualifying Examination will be further evaluated in an Oral Examination.

The following describes aspects of the candidates's ability that are tested

1. Recall of information
2. Understanding and application of basic knowledge
3. Relation of pathogenesis to disease process
4. Evaluation of clinical data
5. Utilization of diagnostic and therapeutic procedures
6. Anticipation and recognition of complications
7. Ethics of ophthalmic practice

Topics covered include:

1. Optics, refraction and contact lenses
2. Retina, vitreous, and uvea
3. Neuro-ophthalmology
4. Pediatric ophthalmology
5. External disease and cornea
6. Glaucoma, cataract and anterior segment
7. Plastic surgery and orbital diseases
8. Ophthalmic pathology

The examination has also been described in the Board's booklet entitled "Written Qualifying Examination."

The Written Qualifying Examination is given simultaneously in designated cities in the United States in April of each year.

## Oral Examination

Upon successful completion of the Written Qualifying Examination applicants will be sent specific instructions for registration for the Oral Examination. A check payable to the Board for the amount then in effect for the Oral Examination must accompany the completed registration form and be forwarded to the Board Office within the appropriate time frame.

## Oral Examination Schedule

It has been the custom of the Board to hold two oral examinations a year with candidates who have passed the April Written Qualifying Examination assigned either to a group taking the Oral Examinations in the fall of that year or to a group taking the Oral Examinations in the spring of the following year. Candidates who pass the April 1994 Written will be assigned to either the fall of 1994 oral or the spring of 1995 oral. The Board reserves the right to limit the number of candidates admitted to any scheduled examination and to designate the candidates to be examined.

## Oral Examination Subjects

The Oral Examination will be divided into the subjects listed and described in the following paragraphs. All subjects are given by appointment within a half day period utilizing a panel system. Information about the examination procedures and scheduling is sent to all candidates after they have been registered for the Oral Examinations.

1. Optics, refraction and visual physiology
2. Pediatric ophthalmology and strabismus
3. Neuro-ophthalmology and orbit
4. External eye and adnexa
5. Anterior segment of the eye
6. Posterior segment of the eye

In each of the oral examinations emphasis will be placed upon the following

**Data Acquisition**

Recognition by the candidate of depicted abnormalities and diseases that affect the eye, ocular adnexa, and the visual pathways.

**Diagnosis**

The ability of the candidate to synthesize clinical, laboratory, and histopathologic data in order to arrive at a correct diagnosis and differential diagnosis.

**Treatment**

Candidates will be expected to provide a reasonable and appropriate plan for medical and/or surgical management of patients with the conditions depicted or described.

These examinations will include developmental, dystrophic, degenerative, inflammatory, infectious, toxic, traumatic, neoplastic, and vascular diseases affecting the eye and its surrounding structures.

**1. Optics, Refraction and Visual Physiology**

Candidates should be familiar with the basic principles of physical and geometrical optics and the operation of standard optical instruments. They should understand the essentials of visual physiology including visual acuity, light and dark adaptation, accommodation, and color vision. They should know the various forms of ametropia, principles and techniques of refraction, principles of lens design, and methods of correction of ametropia including spectacles, contact lenses, intraocular lenses, and keratorefractive surgery. Candidates should be familiar with the methods for prescribing protective lenses, absorptive lenses, and aids for low vision.

**2. Pediatric Ophthalmology and Strabismus**

Candidates should be familiar with diseases affecting the eye of infants and children and associated systemic abnormalities. Candidates should understand the anatomy, pathology, and physiology of the neuromuscular mechanisms subserving ocular motility and binocular vision. Candidates should be familiar with the methods of examination for detection and assessment of sensory and ocular motor disorders. They should also know the clinical features, differential diagnosis, natural course, and management of the various types of comitant and noncomitant deviations. They should be familiar with the principles and complications of surgery on the extraocular muscles.

**3. Neuro-ophthalmology and Orbit**

Candidates should know the anatomy of the orbit and the neuroanatomy of the afferent and efferent visual systems. They should understand the principles and techniques of various diagnostic procedures, including visual field testing, visually evoked responses, ultrasonography, conventional X-ray imaging, CT scanning, and magnetic resonance imaging. Candidates should be familiar with the clinical features, pathology, differential diagnosis, and management of disorders of the orbit, visual pathways, oculomotor system, and pupillomotor pathways, including the indications for, principles of, and complications of orbital surgery.

**4. External Eye and Adnexa**

Candidates should know the anatomy, embryology, and physiology of the structures comprising the lacrimal system, lids, cornea, conjunctiva, and anterior sclera. They should demonstrate knowledge of the pathologic substrate, differential diagnosis, and medical therapy as well as indications for, principles of, and complications of surgical procedures utilized to alleviate abnormalities and diseases affecting these tissues.

**5. Anterior Segment of the Eye**

This examination concerns the anatomy, embryology, physiology, and pathology of abnormalities and diseases of the cornea, anterior chamber angle, iris, ciliary body, and lens.

Candidates will be expected to discuss conditions affecting these structures and those to be considered in their differential diagnosis. They should also be able to describe and provide indications for medical and surgical therapy directed toward alleviating or curing these conditions.

**6. Posterior Segment of the Eye**

This examination concerns the anatomy, embryology, physiology, and pathology of abnormalities and diseases of the vitreous, retina, choroid, and posterior sclera.

Candidates will be expected to discuss conditions affecting these structures and those to be considered in their differential diagnosis. They should also be able to describe and provide indications for medical and surgical therapy directed toward alleviating or curing these conditions.

**Reactivation****Written Qualifying Examination**

An applicant shall be required to reactivate his/her application for approval, and submit an additional application fee under the following circumstances, which relate to the Written Qualifying Examination

1. if a candidate fails to take the Written Qualifying Examination within 24 months after notice has been sent to him/her that his/her application has been accepted;
2. if a candidate does not repeat the Written Qualifying Examination within 24 months after failing;
3. if a candidate receives two consecutive failures on a Written Qualifying Examination on the same application.

**Oral Examination**

An applicant who fails one or two subjects in an Oral Examination will be required to repeat these subjects. An applicant who fails three or more subjects will be required to repeat all subjects of the Oral Examination. An applicant who fails three or more subjects on the first repeat examination will be required to pass another Written Qualifying Examination before being permitted to repeat the Oral Examination. Additional information on grading is specified in the "Rules for Grading," which are sent to all applicants at the time of their Oral Examination registration.

An applicant shall be required to reactivate his/her application for approval, submit an additional application fee, and pass another Written Qualifying Examination before being admitted to the Oral Examination under the following circumstances

1. if a candidate does not take the Oral Examination within 24 months after notice has been sent to the applicant that he/she has passed the Written Qualifying Examination
2. if a candidate who is eligible to do so fails to repeat the Oral Examination within 24 months after failing all or part of such examination
3. if the candidate does not pass all subjects covered therein in three or fewer partial or complete examinations.

**Reactivation Procedure**

In order to reactivate an application the following criteria must be met by the postmarked August 1 registration deadline

1. file a new application
2. submit current fee
3. copy of a current valid and unrestricted license to practice medicine in the United States, its territories, or in a Province of Canada (see "Licensure")

4. a letter of endorsement from two certified ophthalmologists in the community

Those reactivating their applications who have not been certified by December 31 of the sixth year following completion of accredited training in ophthalmology and those who hold an active or inactive application and have not completed certification within 6 years of the January 23, 1993, date must, in addition to the above criteria, submit evidence of satisfactory completion of one or more additional years of clinical experience in ophthalmology supervised and sponsored by an ACGME-accredited residency training program and reapply under the rules in effect at the time the reapplication is filed.

### Inactive Applications

When an application has not been reactivated it is considered by the Board to have lapsed. Inquiries to the Board by outside agencies about the certification status of a physician with an inactive application will be answered by stating that said physician is not certified, and is not scheduled for an examination.

### Results of Examinations

Within a reasonable time after completion of the Written and/or Oral Examinations, the applicant shall be notified by the executive director as to the results thereof. The decision of the Board as to these results shall be final and conclusive. Grades are not subject to appeal. Because such is the case, individual directors of the Board or Associate Examiners should not be contacted about specific examination results. To preserve confidentiality, results of an examination will not be given over the telephone or by fax.

### Certification

An applicant who successfully passes both the Written Qualifying and Oral Examinations within the required time limitations hereinabove set forth, as determined by the Board in its sole discretion, shall be entitled to receive a certificate without further consideration of his/her qualifications by the Board. Physicians who have received the certificate are diplomates of the Board.

### Duration of Certification

Certificates issued by the Board after July 1, 1992, will be valid for a period of 10 years. Thereafter, a diplomate will be required to satisfactorily complete a designated renewal program every 10 years in order to extend the validity of his/her certificate. Certificates issued prior to July 1, 1992, are valid during the diplomate's lifetime.

### Certificate Renewal by the American Board of Ophthalmology

#### Part I: Background

When certification by specialty Boards was first introduced, the purpose was to identify members of the profession who had sufficient education and knowledge that they should be equipped to practice the specialty with acceptable competence.

In modern times, the move toward periodic recertification is analogous. It is meant to identify members of the profession who have continued their education, keeping current in information and skills, so that they are still equipped to practice competently.

#### Guiding Principles

1. Primary purpose. The primary purpose of the certificate renewal process is to promote optimum delivery of competent care by certified members of the ophthalmic profession. The process is intended to set a goal that will guide all members of the profession as they strive to keep up to date in knowledge and skills, and to practice competently. A less important function is to identify any who are severely wanting in professional capabilities or behavior and provide incentive and opportunity to improve. The Board is not to be viewed as responsible for discovering, correcting, and disciplining all who are unacceptable practitioners. Licensing Boards, professional societies, quality assurance committees of medical care facilities, and the legal system share in this responsibility.
2. Flexibility by practice. The process is intended to take into account that individual practitioners may have developed differently in the types of patients they serve, diagnostic problems that present to them, and the therapeutic methods required by the population they serve. The process therefore will contain flexible requirements that can be modified to suit the nature of individual practices.
3. Flexibility by individual preference. Alternate pathways or components will also be provided to permit selection according to individual preference. For example, individual practitioners may have different means for maintaining their knowledge, or may have preference with regard to how they might like to have their continued abilities evaluated.
4. Sequential process. It is desirable that the process of maintaining intellectual and professional qualities be a continual process. It may therefore be appropriate, as well as most acceptable, that certificate renewal be achieved by an ongoing process. The educational and the assessment requirements of the plan would be capable of being satisfied over a period of time with completed items accumulated until the requirement is satisfied, with opportunity to repeat and strive for improvement in any element that is not accomplished satisfactorily at first.
5. Time for remediation. Standards need to be sufficiently high that they are meaningful, and thus sometimes might not be met on first attempt. For elements that are judged unsatisfactory, timely opportunities need to be provided for satisfactory performance. This approach is intended to make the process both palatable (no element of last minute, one time "pass" or "fail") and effective in its purpose (bring all up to a certain high standard, through additional work as necessary). The result should be a higher level for the profession as a whole than might have occurred without time-limited certificates and the renewal process. This is in fact the primary purpose.
6. Assess certain ingredients of competence, not competence itself. Competence is difficult to define, much less evaluate, and judgments may differ concerning an acceptable manner of delivering care. It is not intended to establish an arbitrary standard of what might or might not be judged adequate competence as an ophthalmic specialist, or to decide between various outlooks on different manners of ethically conducting a practice. It is intended

only to set standards with reference to certain ingredients that are necessary for competence.

Thus the process will expect continued update of relevant knowledge and require participation in educational experience. It will expect that the educational experience has been assimilated and document the assimilation by testing. It will expect the updated knowledge to be applied in practice. As is feasible, it may also assess whether the practice reflects a caring attitude toward patients and ethical behavior appropriate to a profession, or at least ascertain a commitment to these goals.

In the end it is not possible to ensure that every certified individual is fully competent. The process of renewal therefore simply seeks to encourage competence and to document that the certified practitioner has exhibited some of the verifiable essential ingredients of competence. Certificate renewal does not necessarily mean that a diplomate has all the ingredients or that he or she is indeed fully competent.

We hope that the process developed from these guiding principles will not be feared by the diplomates who face a time of renewal, but will be embraced by all members of the profession as a means to dedicate themselves to the goal of maintaining the highest standards of patient care for a lifetime.

## Part II: Requirements

Certificates issued by the American Board of Ophthalmology in 1992 and thereafter will be time-limited, expiring in ten years, and are subject to renewal. Although the first certificate renewal will not be required until the year 2002, the ABO has planned the renewal process.

### Eligibility

1. The individual must hold a time-limited certificate issued by the American Board of Ophthalmology in 1992 or thereafter. Certificate renewal can be achieved before or after the expiration date of the time-limited certificate. Renewal will be for ten years from the date of completing the requirements or ten years from the expiration of the previous certificate, whichever is later. (An identical or similar process to reaffirm the certification of those with lifetime certificates issued before 1992 will be made available only if the holder is required by law to be recertified and the law provides that its recertification requirement is satisfied by such reaffirmation of certification by a specialty Board.)
2. The applicant must pay an annual assessment to the ABO each year after the time-limited certificate is issued, with a delinquency fee for each annual assessment not paid on time. These annual assessments are applied toward the renewal fee due at the time of certificate renewal.
3. The applicant must hold a valid, unrestricted license to practice medicine in the United States or Canada in every jurisdiction in which the applicant practices medicine, in keeping with the American Board of Ophthalmology requirements for certification. This valid, unrestricted licensure requirement applies to the time at which knowledge assessment and review of practice requirements are conducted and also to the date on which certificate renewal is issued. Loss of valid, unrestricted licensure after certification or certificate renewal may result in loss of certification.
4. During the renewal process, the applicant must sign a statement affirming commitment to practice in an ethical manner.

### Educational Requirements

Although exposure to an educational experience does not ensure assimilation or utilization of knowledge, a high standard of ophthalmic care cannot be rendered without an ongoing educational experience that is relevant to the individual's practice. Therefore it is required that the candidate have an average of 50 hours per year of

Accreditation Council for Continuing Medical Education (ACCME)-approved Continuing Medical Education (CME) credits since the date of time-limited certification. At least 60% of the hours must be met from among category I CME activity, and the remaining 40% may be met by programs composed of category II or category I credits. (These requirements are subject to change based on revisions of ACCME classifications.) A listing of the educational experience will be required. The educational experience should be of a type and content appropriate for the practice of the applicant. It should include educational programs in general ophthalmology, in any subspecialty interest of the applicant, in general medicine, and in ethics and humanism. At least 50% of the 500 hours of required CME must be obtained in the last 5 years of the 10-year certificate renewal process.

## Knowledge Assessment

As an encouragement to utilize continuing education resources of quality, as an encouragement for self-study, and as a verification of the effectiveness of these educational endeavors, an evaluation of knowledge is required. This requirement can be satisfied by any one of four methods:

1. Certificate Renewal Written Examination: The examination is directed toward clinically relevant new information disseminated in clinical journals and educational media during the preceding decade. The examination will consist of several parts: a general examination required of all candidates choosing this pathway and a spectrum of modules dealing with different categories of disease from which the candidate will select a specified number most relevant to his or her practice. The general and modular tests will each be offered annually. They will be multiple choice questions in an "open book" test mailed to the candidate, to be returned within a specified time. The candidate can take some or all of the required subtests in any year during the 5 years prior to the date of certificate renewal. The general and modular tests may be taken annually as often as may be needed, until the required general examination and the required number of modular tests are passed. Or
2. Certificate Renewal Oral Examination: This will consist of Patient Management Problems (PMP), some dealing with common general ophthalmic topics and others selected to coincide with the nature of the candidate's practice. Emphasis will be on management of patients, including utilization of advances in medical knowledge within the preceding decade. Or
3. Combined Chart Stimulated Recall (CSR) and PMP Examination: From patient charts submitted by the candidate, cases will be selected to be the basis of an oral examination reviewing the diagnosis and management of these patients, including the reasoning behind the diagnosis and differential diagnosis as well as alternative treatments. The examination will be supplemented by simulated Patient Management Problems relating to general ophthalmic topics and chosen according to the nature of the individual's practice. The combined CSR/PMP examination thus resembles the pure PMP examination except that actual cases of the candidate substitute for some of the hypothetical cases that constitute the pure PMP examination. Or
4. The Oral Examination currently being used for candidates undergoing initial certification.

To satisfy this requirement, the applicant must satisfactorily pass any one of these four examination methods during the 5 years preceding the date of certificate renewal. If a candidate fails in any one of the four pathways, the examination may be repeated as often as required, or a different option may be selected.

## Review of Practice

Practice review can be satisfied by one of two methods:

1. The Chart Stimulated Recall (CSR) Examination of knowledge will simultaneously satisfy the requirement for review of practice.
2. Those not taking the CSR oral examination will be asked to complete scan sheets from representative office records with regard to such questions as whether the exact visual disability (symptom) of a cataract patient is recorded, whether ophthalmoscopy was performed postoperatively, etc. This information will be used not only to judge the individual applicant but importantly also to document the frequency of certain practice habits within the profession generally. This survey will form the basis for discussion and education within the profession.

The ABO may make office site visits to a limited number of candidates to verify the validity of the CSR examination and scan sheets method.

## Identification of Practice-Type

No sooner than 5 years before the date of certificate renewal, just preceding the time when the applicant undertakes to complete the knowledge assessment and review of practice requirements, the candidate will complete an application form that includes identification of categories of patients that are seen in the applicant's practice commonly, are seen only occasionally, or are seen rarely (if ever). This information will help the applicant select modules to attempt in the Written Certificate Renewal Examination or will help the ABO select PMP modules for an oral examination relevant to the practice of the individual. Additionally, the applicant will submit representative patient records (with patient identification masked for confidentiality) from which will be selected cases for the CSR examination or review by scan sheets.

Certain categories of clinical problems are thus excluded from assessment by virtue of being seen infrequently by the individual candidate. However, the renewal certificate will not indicate a limitation of the scope of certification by virtue of the fact that certain disease categories were excluded. Neither will the certificate indicate subspecialization by virtue of a limited type of practice. The renewal certificate for all successful applicants will be identical, and the characterization of practice in the application is only for the purpose of guiding the mechanism for certificate renewal.

## Synopsis of Certificate Renewal

Along with eligibility requirements, completion of requirements in each of four areas

1. Licensure: A candidate must possess and maintain a valid and unrestricted license to participate in the renewal process. During periods of discontinuity of unrestricted licensure, no participation in knowledge assessment or practice review is permitted or credited.
2. Continuing Medical Education (CME): An average of 50 ACCME approved credit hours per year relevant to the diplomate's practice is required: Minimum of 60% in Category I. Minimum of 50% of the 500 hours achieved in the 5 years prior to the renewal date.
3. Knowledge Assessment: Any one of the following four methods satisfies this requirement: certificate renewal written examination ("take home"); certificate renewal patient management problem (PMP) oral examination; certificate renewal chart stimulated recall (CSR) oral examination combined with an abbreviated PMP examination; certification oral examination.
4. Practice Assessment: One of the following required: Office record scan/review; chart stimulated review oral examination.

Licensure + CME + one of these 4 alternatives:  
 Certificate renewal written exam + office record scan/(or)  
 Certificate renewal PMP oral exam + office record scan/(or)

Certificate renewal CSR oral exam (includes PMP)/(or)  
 Certifying oral exam + office record scan

All diplomates holding a time-limited certificate will be required to pay an annual nonrefundable assessment of \$100 to the American Board of Ophthalmology. These annual assessments are applied toward the renewal fee due at the time of certificate renewal and will be used to offset the cost of developing and administering time-limited certification. A 10% per annum penalty will be assessed on unpaid fees.

## Disciplinary Sanctions

The Board shall have the authority to impose disciplinary sanctions upon a candidate or a diplomate for any of the following reasons

1. Violation of Rules and Regulations of the Board relating to the Written Qualifying and Oral Examinations and applications to take the examinations
2. Issuance of a certificate contrary to or in violation of the Rules and Regulations of the Board
3. Ineligibility of the person to whom the certificate was issued to receive the certificate
4. Substantial misstatement or omission of a material fact to the Board in an application or in any other information submitted to the Board
5. Presenting or distributing, or aiding or assisting another person(s) to present or distribute, a forged document or other written instrument purporting to have been issued by or under the authority of the Board to evidence that a candidate, diplomate, or any other person(s) is currently or was previously certified by the Board, when that is not the case, or claiming orally or in writing, or assisting another person(s) to claim, that a candidate, diplomate, or any other person(s) is currently or was previously certified by the Board, when that is not the case.
6. Revocation of the license to practice of a person to whom a certificate was issued.

## Statements of Eligibility

The Board does not issue statements of "eligibility" for its examinations. The only information the Board will divulge is whether a physician is or is not certified or is or is not scheduled for an examination.

## American Board of Medical Specialties

The American Board of Medical Specialties (ABMS) was established in 1933 to serve in an advisory capacity to the American Specialty Boards and to cooperate with organizations that seek its advice concerning the certification of medical specialists. The American Board of Ophthalmology is officially recognized by the ABMS, and contributes an annual fee of \$2,000 in addition to a per-capita fee for each diplomate certified, to the American Board of Medical Specialties as do all other medical specialty Boards, in support of the activities of ABMS.

The American Board of Ophthalmology provides an annual listing of new diplomates for inclusion in the *Official ABMS Directory of Board Certified Medical Specialists* and in the *Official ABMS Directory of Board Certified Ophthalmologists*. Both are published by Marquis Who's Who. Each diplomate will be contacted directly for biographical information and to update information every year.

## Associate Examiners

All associate examiners are informed by the Board that they shall not promote, or permit others to promote, his or her participation in commercial or educational activities under circumstances that exploit, or might be perceived to exploit, his or her familiarity with

examinations administered by the American Board of Ophthalmology or otherwise compromise the integrity of those examinations.

## American Board of Orthopaedic Surgery

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*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Orthopaedic Surgery to ascertain whether the information below is current.)*

## I. Introduction

### A. Definition

Orthopaedic surgery is the medical specialty that includes the preservation, investigation, and restoration of the form and function of the extremities, spine, and associated structures by medical, surgical, and physical methods.

### B. Purpose

The American Board of Orthopaedic Surgery, Inc, was founded in 1934 as a private, voluntary, nonprofit, autonomous organization. It exists to serve the best interest of the public and of the medical profession by establishing educational standards for orthopaedic residents and by evaluating the initial and continuing qualifications and competence of orthopaedic surgeons. For this purpose, the Board reviews the credentials and practices of voluntary candidates and issues certificates as appropriate. It defines minimum educational requirements in the specialty, stimulates graduate medical education and continuing medical education, and aids in the evaluation of educational facilities and programs.

The Board does not confer any rights on its diplomates, nor does it purport to direct licensed physicians in any way in the conduct of their professional duties or lives. It is neither the intent nor the purpose of the Board to define requirements for membership in any organization or for staff privileges at any hospital.

### C. Directors

The directors of the American Board of Orthopaedic Surgery are elected from diplomates of the Board who are nominated by the American Orthopaedic Association, the American Medical Association,

and the American Academy of Orthopaedic Surgeons. They serve without salary.

### D. Organization

Directors of the Board elect a president, president-elect, secretary, and treasurer annually. An executive director, who is a diplomate, serves as an ex-officio director of the Board. The president appoints directors to serve on standing committees on credentials, examinations, finance, graduate education, and research. Other committees may be formed as deemed necessary. The Board holds regularly scheduled meetings yearly.

### E. Directory

A current directory of certified orthopaedic surgeons is maintained and published by the Board. The names of diplomates also appear in the *Official ABMS Directory of Board Certified Medical Specialists*.

## II. General Statement of Educational Goal for Orthopaedic Surgery

The goal of orthopaedic education is to prepare orthopaedic residents to be competent and ethical practitioners of orthopaedic surgery. In fulfillment of this goal, applicants for certification must have received through orthopaedic residency

- Education in the entire field of orthopaedic surgery, including inpatient and outpatient diagnosis and care as well as operative and nonoperative management and rehabilitation.
- The opportunity to develop, through experience, the necessary cognitive, technical, interpersonal, teaching, and research skills.
- The opportunity to create new knowledge and to become skilled in the critical evaluation of information.
- Education in the recognition and management of basic medical and surgical problems.
- An evaluation of ethical performance.

## III. Minimum Educational Requirements for Board Certification

The Board has established the following minimum educational requirements for certification. These requirements should not be interpreted as restricting programs to minimum standards.

Throughout these rules, the term "accredited" denotes accredited by the Accreditation Council for Graduate Medical Education (ACGME).

### A. Exception to Requirements

These educational requirements shall apply to all residents who began their first year of accredited orthopaedic surgery residency on or after January 1, 1985, with the following exception:

- Residents in programs providing only 3 years of orthopaedic education may receive credit for 2 years of accredited nonorthopaedic clinical education if they entered the orthopaedic program before January 1, 1989.
- This exception is available only to residents enrolled in a 3-year orthopaedic program that has specifically requested the Board to make its residents eligible for this exception and has presented the Board with a plan for implementing a 4-year program. The deadline for receiving such a plan was December 31, 1985.
- Residents entering orthopaedic residency programs structured for 4 or 5 years may receive credit for 1 but not 2 years of accredited nonorthopaedic clinical education.

### B. Time Requirements

- Five years (60 months) of accredited postdoctoral residency are required.

2. Four of these years (48 months) must be served in a program whose curriculum is determined by the director of an accredited orthopaedic surgery residency.
  - a. Three of these years (36 months) must be served in an accredited orthopaedic surgery residency program.
  - b. One year (12 months) may be served in an accredited graduate medical educational program whose educational content is determined by the director of an accredited orthopaedic surgery residency program.
3. Each program may develop individual sick and vacation times for the resident in accordance with overall institutional policy. However, one year of credit must include at least 46 weeks in full-time orthopaedic education. Vacation or leave time may not be accumulated to reduce the 5-year requirement.
4. Program directors may retain a resident for as long as needed beyond the minimum required time to ensure the necessary degree of competence in orthopaedic surgery. According to the current Special Requirements of the Residency Review Committee for Orthopaedic Surgery, the committee must be notified of such retention. This information must also be provided to the Board on the Record of Residency Assignment form.

### C. Content Requirements

#### 1. General Requirements

A minimum of 9 months during the first year of graduate medical education must be broadly based in clinical services other than orthopaedics. This requirement may be fulfilled by a year of accredited residency in any broadly based program involving patient care.

#### 2. Orthopaedic Requirements

- a. Minimum distribution. Orthopaedic education must be broadly representative of the entire field of orthopaedic surgery. The minimum distribution of educational experience must include
  1. Twelve months of adult orthopaedics
  2. Twelve months of fractures/trauma
  3. Six months of children's orthopaedics
  4. Six months of basic science and/or clinical specialties
 

Experience may be received in two or more subject areas concurrently. Concurrent or integrated programs may allocate time by proportion of experience.
- b. Scope. Orthopaedic education must provide experience with all of the following
  1. Children's orthopaedics. The educational experience in children's orthopaedics must be obtained in an accredited position in the specific residency program in which the resident is enrolled or in a children's hospital in an assigned accredited residency position.
  2. Anatomic areas. All aspects of diagnosis and care of disorders affecting the bones, joints, and soft tissues of the upper and lower extremities, including the hand and foot; the entire spine, specifically including intervertebral discs; and the bony pelvis.
  3. Acute and chronic care. Diagnosis and care, both operative and nonoperative, of acute trauma (including athletic injuries), infectious disease, neurovascular impairment, and chronic orthopaedic problems including reconstructive surgery, neuromuscular disease, metabolic bone disease, benign and malignant tumors, and rehabilitation.
  4. Related clinical subjects. Musculoskeletal imaging procedures, use and interpretation of clinical laboratory tests, prosthetics, orthotics, physical modalities and exercises, and neurological and rheumatological disorders.
  5. Research. Exposure to clinical and/or laboratory research.
  6. Basic science. Instruction in anatomy, biochemistry, biomaterials, biomechanics, microbiology, pathology, pharmacology,

physiology, and other basic sciences related to orthopaedic surgery. The resident must have the opportunity to apply these basic sciences to all phases of orthopaedic surgery.

- c. Options. Twelve months of the four required years under the direction of the orthopaedic surgery residency program director may be spent on services consisting partially or entirely of
  1. Additional experience in general adult or children's orthopaedics or fractures/trauma
  2. An orthopaedic clinical specialty
  3. Orthopaedics-related research
  4. Experience in an accredited graduate medical educational program whose educational content is preapproved by the director of the orthopaedic surgery residency program

### D. Accreditation Requirements

1. The educational experience in orthopaedic surgery obtained in the United States must be in an approved position in programs accredited by the Residency Review Committee for Orthopaedic Surgery and by the Accreditation Council for Graduate Medical Education.

All other clinical education obtained in the United States must be in programs accredited by the Accreditation Council for Graduate Medical Education and the appropriate Residency Review Committee. The Directory of Graduate Medical Education Programs Accredited by the Accreditation Council for Graduate Medical Education, published annually by the American Medical Association, 515 N State St, Chicago, IL 60610, lists accredited rotations of 6 months or longer.

2. During the 5 years of accredited residency, a total period of no more than 6 months may be served in unaccredited institutions.
3. Credit for time spent in residency education will be granted only for the period during which the residency program is accredited, and only for time served in an approved position within an accredited program.
4. If an orthopaedic residency program has its accreditation withdrawn by the Residency Review Committee for Orthopaedic Surgery and the Accreditation Council for Graduate Medical Education, no educational credit will be granted past the effective date of withdrawal of accreditation.
5. Educational credit may be granted for clinical experience in the United States military and/or public health services if the experience is accepted by the director of the orthopaedic surgery residency program that the applicant enters. Up to 1 month of credit may be granted for 2 months of clinical experience, not to exceed 12 months of credit. Credit earned in this manner is subject to approval by the Board's Credentials Committee. This approval should be sought prior to entry into the program.
6. Educational experience obtained in Canada must be on services approved by the Royal College of Physicians and Surgeons of Canada and must extend over a minimum of 5 years. The content requirements outlined in III.C must be met.
7. The Board does not grant credit for foreign educational experience, other than as permitted in III.D.2 and III.D.6.
8. The term "fellow" is not synonymous with the term "resident" for the purpose of obtaining Board credit for educational experience. A resident is an individual enrolled in an approved position in an accredited educational program.

### E. Achievement Requirements

1. The director of the program providing general graduate medical education must certify the satisfactory completion of that segment of education.
2. In orthopaedic surgery residency programs, the program director must certify the satisfactory completion of each rotation for which credit is awarded. (See III.G.)



3. The program director responsible for the final year of the resident's education must certify that the resident has achieved a satisfactory level of competence and is qualified for the certifying process.
4. The certification referred to in 2 and 3 above must be made on the appropriate Record of Residency Assignments form and must be countersigned by the resident.
5. Medical practice activity outside of residency duties must not be allowed to interfere with the educational experience. Residents may not engage in such activities without the specific prior approval of the program director. Approval must be based on the judgment that rotations are being completed without compromise and that the circumstances of the resident warrant such activity.

#### F. Continuity Requirements

The resident should have progressively increasing patient care responsibility. A part-time or piecemeal approach to residency requirements is discouraged. The final 24 months of orthopaedic residency education must be obtained in a single orthopaedic residency program unless prior approval of the Credentials Committee is obtained.

#### G. Documentation Requirements

1. For orthopaedic education obtained in the United States, the program director must provide the Board with yearly documentation during the residency. Each June, directors will receive two computer diskettes containing Record of Residency Assignment forms on which the required information will be recorded. The appropriate forms are to be printed after the data have been entered, then signed by the program director and the resident. The printed, signed forms and the diskettes are to be returned to the Board office within 30 days of the end of the academic year.
2. The Record of Residency Assignment forms are to be completed for each resident as follows
  - a. Form 1 will be submitted the year the resident enters the program.
  - b. Form 1-A must be provided for residents receiving educational credit in a nonorthopaedic ACGME accredited program and for nonorthopaedic education received within the ACGME accredited orthopaedic residency.
  - c. Form 2-A must be completed yearly for each resident in the orthopaedic program. It must indicate the content and time spent on rotations, information on any unaccredited rotations, and whether credit was granted for a full year.
  - d. Form 3 is the final evaluation form.
3. The computer diskettes and printed, signed forms are due in the Board office within 30 days of completion of the academic year. Part I examination results for candidates who take the examination in the same year they complete their residencies will not be mailed either to the candidates or to the program directors until the diskettes and forms have been received in the Board office.
4. When a resident leaves a program prematurely, the program director must notify the Board office in writing within 30 days. The letter must record the reasons for leaving and confirm credit granted for rotations during the academic year in which the resident left. At the end of the academic year, Form 2-A and Form 3 must be completed.
5. Before a resident enters a new program, the new program director must obtain copies of the resident's Record of Residency Assignments forms from the Board office and review them thoroughly in order to develop an appropriate individual program that will meet the minimum educational requirements and include progressively increasing responsibility.

### IV. Requirements for Taking the Certifying Examination

The certifying examination is divided into two parts. Part I is a written examination that may be taken at any time after the completion of the educational requirements. Part II is an oral examination that may be taken after passing Part I, completion of the practice requirement, evaluation of the applicant's practice, and admission to the examination. A candidate must pass both parts of the certifying examination to be certified.

After taking and passing the written examination, candidates have 5 years to take or retake the oral examination. Candidates who do not pass the oral examination within those 5 years must retake and re-pass the written examination before applying to take the oral examination. Time spent in fellowship education after passing Part I will not count as a part of the 5-year time limit.

An applicant seeking certification by the American Board of Orthopaedic Surgery must satisfy the educational requirements that were in effect when he or she first enrolled in an accredited orthopaedic residency. For all other requirements, an applicant must meet the specifications in effect at the time of application.

#### A. Educational Requirements

1. An applicant must satisfactorily complete and document the minimum educational requirements in effect when he or she first enrolled in an accredited orthopaedic residency.
2. Upon successful completion of 54 months of the 60 months of required education and upon the recommendation of the program director, a candidate may apply to take Part I of the examination.
3. In order to be admitted to the examination, the candidate must complete the full 60 months of required education.
4. An applicant who has received orthopaedic surgery residency education in Canada must have fulfilled the requirements of the American Board of Orthopaedic Surgery and must have passed the qualifying examination in orthopaedic surgery of the Royal College of Physicians and Surgeons of Canada before applying for either part of the Board's certifying examination.

#### B. License Requirement

Applicants who are in practice at the time they apply for Part I and all applicants for Part II must either possess a full and unrestricted license to practice medicine in the United States or Canada or be engaged in full-time practice in the United States federal government, for which licensure is not required. An applicant will be rendered ineligible for any part of the certifying examination by limitation, suspension, or termination of any right associated with the practice of medicine in any state, province, or country due to a violation of a medical practice act or other statute or governmental regulation; to disciplinary action by any medical licensing authority; or by voluntary surrender while under investigation.

#### C. Practice Requirements

1. The applicant must be continuously and actively engaged in the practice of operative orthopaedic surgery other than as a resident or fellow (or equivalent) for at least 22 full months immediately prior to the Part II examination. An applicant who interrupts the 22 months of practice with a fellowship can count the months of practice that preceded the fellowship as part of the 22-month requirement.
2. The applicant must be in one practice location for a minimum of 12 consecutive months during the required 22-month period. A change in location, type of hospital practice, or practice association may result in deferral. The practice must be located in the United States or its territories, Canada, or a United States service installation.

3. The practice must include hospital admitting and surgical privileges in effect at the time of application for the examination and at the time of examination.
4. The applicant must demonstrate professional competence and adherence to acceptable ethical and professional standards. The practice must allow independent decision-making in matters of patient care.
5. A reduction, restriction, suspension, termination, or resignation at the request of a hospital of all or any portion of an applicant's surgical staff privileges, or pending action to do so, will normally result in a deferral until such action is finally resolved and the applicant's practice has stabilized sufficiently for it to be evaluated.
6. An applicant in the United States unformed services may satisfy the practice requirement if assigned as an orthopaedic surgeon for at least 22 full months prior to the date of the Part II examination. The applicant must submit a letter from his or her immediate supervisor evaluating his or her capability in the practice of orthopaedic surgery, as well as any other documentation the Credentials Committee may require to demonstrate professional competence and adherence to acceptable ethical and professional standards.

#### D. Evaluation of Applicant

1. Individuals who do not engage in traditional orthopaedic surgery cannot be adequately evaluated for the Part II examination and will not be certified.
2. Qualifications for taking the Part II examination will be determined by the Credentials Committee after review of the application, letters of recommendation, and other relevant information.
3. It is the responsibility of the applicant to provide the information on which the Credentials Committee bases its evaluation of the qualifications of the applicant. This responsibility extends to information that the Credentials Committee requests from other persons. If the Credentials Committee does not receive requested information from the applicant, a program director, a reference, a hospital representative, or another source by February 1, the Board will notify the applicant and defer the decision on admission to the examination until the information is received.
4. Representatives of the Board may visit the site of an applicant's practice if the Credentials Committee believes that this is necessary for adequate evaluation of the applicant's work.

#### V. Impaired Physicians

##### A. Chemical Dependency

Applicants who have a history of chemical dependency will not be admitted to either Part I or Part II of the certifying examination unless they present evidence from the appropriate agencies, hospitals, and physicians demonstrating to the Board that they both (1) have satisfactorily completed the program of treatment prescribed for their condition and (2) have been drug-free for a period sufficient to indicate recovery (normally, at least 3 years). This documentation must accompany the completed application form. The maintenance of any such applicant's certification may be conditional upon periodic drug testing. In addition, any such applicants for Part II of the examination may be site-visited at their practices by representatives of the Board as described in IV.D.4.

##### B. Mental and Physical Impairment

Applicants who have a mental or physical impairment that could affect their ability to practice orthopaedic surgery will not be admitted to either Part I or Part II of the certifying examination unless they present medical evidence from the appropriate physicians, treatment centers, and hospitals demonstrating to the Board that the impairment does not compromise their ability to render safe and effective care to their patients. This documentation must ac-

company the completed application form. In addition, any such applicants for Part II of the examination may be site-visited at their practices by representatives of the Board as described in IV.D.4.

#### VI. Procedure for Application for Part I and Part II of the Certifying Examination

##### A. Application Dates and Requests

1. The dates, locations, and application deadlines for Part I and Part II of the certifying examination are announced in the *Journal of Bone and Joint Surgery*. Examination dates may be changed at the discretion of the Board. Confirmation of published examination dates can be obtained from the Board's office.
2. All applications must be requested in writing.

##### B. Application Deadlines

1. Part I. A completed application on an original form provided by the Board for Part I must be postmarked by registered mail on or before March 1 of the year of the examination. The application must be accompanied by a nonrefundable examination fee of \$750.
2. Part II. A completed application on an original form provided by the Board for Part II must be postmarked by registered mail on or before October 31 of the year preceding the examination. The application must be accompanied by a nonrefundable application and credentialing fee of \$875.
3. Late or incomplete applications. Applications postmarked after the deadlines for Part I or Part II of the certifying examination and applications received incomplete will be returned to the applicant together with the fee check.
  - a. If a Part I applicant wishes to resubmit the Part I application by registered mail postmarked on or before March 31, the nonrefundable examination fee of \$750 and a nonrefundable late fee of \$250 must be enclosed.
  - b. If a Part II applicant wishes to resubmit the Part II application by registered mail postmarked on or before November 30, the nonrefundable application and credentialing fee of \$875 and a nonrefundable late fee of \$250 must be enclosed.
  - c. No applications will be accepted after the final deadlines.

##### C. Notifying the Board of Application Changes

1. It is the responsibility of all applicants to notify the Board office of any change of address, practice association, or hospital affiliation.
2. If a Part II applicant changes practice location or practice association or acquires new hospital staff affiliations, new references will be solicited by the Board.
3. An applicant is also required to notify the Board of the denial of any request for hospital privileges; of any action to restrict, suspend, or terminate all or any portion of surgical staff privileges; or any request by a hospital to resign all or any portion of surgical staff privileges; and of any action by a governmental agency that would result in the restriction, suspension, or probation of the applicant's license or any right associated with the practice of medicine.

##### D. Notifying the Applicant of Examination Admission

1. For Part I, the applicant will receive examination information, an assigned examination number, and an admission card not later than 30 days prior to the examination date.
2. For Part II, the decision of the Credentials Committee is mailed to the applicant not later than 60 days prior to the examination date.

##### E. Fees

1. For Part I, the nonrefundable examination fee of \$750 must be submitted with the application form.

2. For Part II:
  - a. The nonrefundable application and credentialing fee of \$875 must be submitted with the application form.
  - b. The candidate must also submit an examination fee of \$750 on or before the April date specified in the letter of notification of admission to the examination. This fee will be forfeited if the candidate fails to appear for the examination or cancels after being scheduled.
3. There will be a \$50 charge levied for any application or examination fee check that is returned not paid by the Board's bank.
4. The fees paid to the American Board of Orthopaedic Surgery, Inc, are not tax deductible as charitable contributions, but may be deductible under some other provision of the Internal Revenue Service code.

#### Fees

Part I examination fee—\$750

Part II application and credentialing fee—\$875

Part II examination fee—\$750

Late fee—\$250

Returned check service charge—\$50

#### F. Practice-Based Oral Requirements

The Part II examination includes a standardized portion and a practice-based portion. The purpose of the practice-based portion is to evaluate a candidate's own practice as broadly as possible. This exercise will be conducted much as rounds or conferences are during residency, with the candidate presenting his or her cases and responding to the examiner's questions and comments.

1. Case selection process. The Board will select 15 cases from the applicant's 6-month case list(s) from which the applicant will then select ten cases to bring to the examination for detailed presentation.

The case selection process involves the following steps. Applicants are urged to attend to details and follow procedures carefully and exactly in order to ensure admission to the examination.

- a. Case collection. The applicant is to collect all operative cases, including same-day surgery, for which he or she was the responsible operating surgeon for 6 consecutive months beginning July 1 of the year before the Part II examination. If time is taken off during those 6 months, the starting point for the collection period must be backed up by the amount of time missed. For example, case collection for an applicant who took a 2-week vacation in August would begin mid-June.

All cases must be collected from each hospital or surgery center at which the applicant has operated during the 6-month period.

- b. Case lists. Once all cases have been collected, a separate list must be prepared for each hospital or surgery center using forms provided by the Board. Use only these forms. All information must be typed.
  1. Cases are to be grouped according to the ten general categories listed in F.1.c. and recorded chronologically within each category. A separate, complete list containing a minimum of ten pages, one for each category, must be prepared for each hospital or surgery center.
  2. For each case, information provided must include patient name or initials, unit or hospital number, sex, age, diagnosis, treatment or surgical procedure, length of follow-up, and outcome, including complications.
  3. The first pages of each category for each case list must be certified by the hospital administrator or director of medical records. This means a total of ten certifications for each location. If no cases are reported for a category, indicate "No cases in this category" on the category sheet, complete the certifications, and include the sheet with the case list.

4. Again, it is imperative that all cases be listed, each under the single most appropriate category, and that each case list contain at least one page for each category.
- c. Case categories. Regardless of how specialized or general an individual's practice may be, it should be possible for all applicants to use these general categories to group their surgical cases
  1. Incision. Includes such procedures as arthrotomy with exploration, soft tissue biopsy, superficial abscess drainage, removal of calcific deposits, etc.
  2. Excision. Includes such procedures as synovectomy, meniscectomy, sequestrectomy, excision of tumors of bone and soft tissue, etc.
  3. Introduction or Removal. Foreign body removal, injections of steroids, antibiotics, etc.
  4. Repair, Revision or Reconstruction. Includes arthroplasty, osteotomy, tenodesis, capsulorrhaphy, repair of nonunion with or without bone graft, etc.
  5. Fracture and/or dislocation. Includes open reduction and/or internal fixation of fractures and dislocations, closed reductions of fractures and dislocations, etc.
  6. Manipulation of a knee or shoulder, etc., under anesthesia.
  7. Arthrodesis. All techniques.
  8. Amputation. Any level.
  9. Miscellaneous. Any surgical procedure that does not fit into any of the categories listed.
  10. Complications. Systemic complications occurring in perioperative period up to six weeks post-op, such as pulmonary embolus, cardiac abnormalities, abdominal problems such as ileus, stress ulcer, cerebrovascular accident, and urinary difficulties. Local complications, such as wound infection, failure of fixation, dislocation of a total joint arthroplasty, skin slough, compartment syndrome, neurologic and/or vascular impairment, etc, related to a surgical procedure.
- d. Common categorization questions
  1. If a case listed in one of the first nine categories incurs a complication, indicate that the case also appears in the complications category by making a notation in the "Length of Follow-up and Outcome" column. Then list the complication in the tenth category.
  2. Arthroscopic procedures that do not fit into categories one through eight should be listed in category nine.
- e. Submission and selection of cases
  1. The applicant must send the original and one copy of his or her complete case lists to the Board by registered mail on or before January 31 of the year of the examination. Remember that these must be on the forms provided by the Board and that each list must contain a minimum of ten pages, one for each category.
 

Before mailing, the applicant should make an additional copy of all lists for his or her files. Copies must also be brought to the exam. (See 2.a.2. below.)
  2. The Board will select 15 cases, a list of which will be sent to the applicant. The applicant will then choose any ten of these 15 cases to present in detail at the examination.
2. Examination materials. Once the candidate has received the Board's list of 15 cases, he or she must gather all of the following to bring to the examination
  - a. Lists
    1. Three copies of the list of 15 cases selected by the Board.
    2. Three copies of the complete six-month case lists, one for each hospital or surgery center. All of the ten cases selected by the candidate for presentation should be circled in red or highlighted wherever they appear on the case lists.

- b. Documentation for the ten cases selected by the candidate for presentation, including
  1. Images. The pertinent preoperative, intra- or immediate postoperative, and most recent follow-up x-rays for each case selected by the candidate for presentation. Before the examination begins, x-rays should be arranged in order of presentation and clearly marked in terms of date pre- and postoperative. Pertinent images in CT and MRI panels must also be marked.
  2. Notes. Copies of admission and discharge notes, operative notes, office notes, and any other patient chart material that will aid in case presentation.
  3. Video prints or photographic prints for arthroscopy cases selected, showing the initial lesion(s) and the lesion(s) after treatment.
  4. For any selected case that is a complication, copies of consultations and x-rays pertinent to the complication and its treatment.

c. Because the examination is to be anonymous, the candidate should obliterate his or her name wherever it appears on any material brought to the examination, including the 6-month case list(s) and the Board's list of 15 selected cases.

3. Although the examiners will concentrate on cases brought for presentation, they may ask questions pertaining to a candidate's case lists or practice. The candidate should not be concerned if all material brought to the examination is not covered. Discussion may focus on one area, or candidate and examiners may become involved in a few cases in such detail that time will not allow presentation of all patients. The candidate will not be penalized for this during the grading.
4. Applicants who have questions about materials and procedure for the practice-based oral portion of the Part II examination should call or write the Board office well before the exam. Failure to comply with the steps outlined may invalidate an examination.

## VII. Falsified Information and Irregular Behavior

- A. If it is determined that an applicant has falsified information on the application form or failed to provide material information, the applicant will not be considered for either part of the examination not already passed and must wait 3 years before being allowed to file a new application. The applicant will not be considered for admission to either part of the examination during this 3-year period.
- B. Examination applicants should understand that the following may be sufficient cause to bar them from future examinations, to terminate participation in the examination, to invalidate the results of an examination, to withhold or revoke scores or certificates, or to take other appropriate action:
  1. The giving or receiving of aid in the examination, as evidenced either by observation or by statistical analysis of incorrect answers of one or more participants in the examination.
  2. The unauthorized possession, reproduction, or disclosure of any materials, including, but not limited to, examination questions or answers, before, during, or after the examination.
  3. The offering of any benefit to any agent of the Board in return for any right, privilege, or benefit that is not usually granted by the Board to other similarly situated candidates or persons.
- C. The following are examples of behavior considered to be irregular and cause for invalidation of the examination or imposition of a penalty
  1. Referring to books, notes, or other devices at any time during the examination. This prohibited material includes written information or information transferred by electronic, acoustical, or other means.

2. Any transfer of information or signals between candidates during the test. This prohibition includes any transfer of information between the candidate and any other person at any time during the testing period, including bathroom breaks.
3. Any appearance of looking at the answer sheet or the examination booklet of another candidate during the examination.
4. Allowing another candidate to view one's answer sheet or examination booklet or otherwise assisting another candidate in the examination.
5. Taking any examination material outside the examination room. All examination materials are the property of the Board and must be left in the room at the end of the examination.

D. Applicants should also understand that the Board may or may not require a candidate to retake one or more portions of the examination if presented with sufficient evidence that the security of the examination has been compromised, notwithstanding the absence of any evidence of a candidate's personal involvement in such activities.

## VIII. Credentials Decisions

### A. Determining Admission to Examinations

1. The Credentials Committee meets at least once each year to consider applications for the examinations. At this meeting, a decision about each applicant will be made either to approve admission to the next examination, to deny admission, or to defer decision pending further evaluation.
2. A decision approving admission to an examination applies only until the next available examination and does not carry over from one examination until the next. A new application is required for each examination.

### B. Deferral of Admission Decision

A decision on an applicant's admission to either Part I or Part II of the examination may be deferred if information is insufficient for the Credentials Committee to make a judgment.

Typically, the committee will defer such a decision for 1 year to gain further information. If information is still insufficient, the decision will be deferred for a second year to enable representatives of the Board to conduct a site visit as described in IV.D.4. A deferral of not more than 2 consecutive years is not viewed by the Board as an adverse action; thus, no appeal from a decision of the Credentials Committee is permitted unless an applicant has been denied admission or has been deferred for more than 2 consecutive years.

### C. Appeal of Admission Decision

An applicant denied admission to the examination will be informed of the basis for such action and may request a hearing by an appeals committee of the American Board of Orthopaedic Surgery. (See XII.)

## IX. Certification and Recertification by the American Board of Orthopaedic Surgery

### A. Awarding Certificates

The American Board of Orthopaedic Surgery awards a certificate to a candidate who specializes in orthopaedic surgery, has met the educational requirements of the Board, has demonstrated competence in orthopaedic surgery and adherence to ethical and professional standards, and has passed both parts of the certifying examination. Certificates awarded after 1985 are valid for 10 years. This portion of the Board's responsibility is discharged by issuance of a certificate to an individual found qualified as of the date of certification.

### B. Certificate Revocation

A certificate may be revoked prior to its expiration date because of intentional and substantive misrepresentation to the Board of the

applicant's education and other requirements for admission to either part of the examination. Early revocation may also occur because of limitation, suspension, or termination of the right to practice medicine in any state, province, or country due to a violation of a medical practice act, statute, or governmental regulation; disciplinary action by any medical licensing authority; or voluntary surrender while under investigation. Before a certificate is revoked, the diplomate will be informed of the basis of such action and will be afforded a hearing according to procedures formulated by the American Board of Orthopaedic Surgery.

### C. Certificate Reinstatement

Should the circumstances that justified revocation or surrender of the diplomate's certificate be corrected, the Board may reinstate the certificate after appropriate review of the individual's qualifications and performance, using the same standard applied to other applicants for certification.

### D. Recertification Process

Diplomates are encouraged to renew their credentials periodically through the Board's recertification process. Information about recertification options can be obtained from the Board office.

## X. Unsuccessful Candidates

Unsuccessful Part I candidates may repeat the examination by submitting a new application form for the examination and again being found admissible. (See VI.B.1.)

Unsuccessful Part II candidates may repeat the examination by submitting a new application form for the examination and again being found admissible. (See VI.B.2 and VIII.) Candidates who do not pass Part II within 5 years after passing Part I must retake and repass Part I before applying to take Part II, except as noted in IV.

## XI. Program Accreditation

Institutions offering orthopaedic education must meet the General and Special Requirements of the Accreditation Council for Graduate Medical Education and the Residency Review Committee for Orthopaedic Surgery as stated in the Directory of Graduate Medical Education Programs Accredited by the Accreditation Council for Graduate Medical Education. (See III.D.)

### A. Residency Review Committee for Orthopaedic Surgery

Program accreditation is issued by the Residency Review Committee for Orthopaedic Surgery, an autonomous committee composed of three representatives from each of the three sponsoring organizations: the American Board of Orthopaedic Surgery, the Council on Medical Education of the American Medical Association, and the American Academy of Orthopaedic Surgeons. In evaluating orthopaedic residency programs, the Residency Review Committee considers the number of residents, training period, program organization, educational experience, and institutional responsibility. The committee meets twice yearly.

### B. Changes in Accreditation

Programs seeking changes in accredited positions or institutional affiliations can obtain information and application forms from the secretary of the Residency Review Committee for Orthopaedic Surgery at the Accreditation Council for Graduate Medical Education, 515 N State St, Chicago, IL 60610.

Completed forms are to be returned to the secretary at the above address.

### C. Program Surveys

Programs applying for accreditation or changes in accreditation will be surveyed at the earliest feasible date by a specialist site visitor or by a field representative for the Accreditation Council for Graduate Medical Education. A report of the survey is submitted to the Resi-

dency Review Committee for Orthopaedic Surgery for evaluation and official action. The Residency Review Committee makes a determination regarding the accreditation of the program under authority delegated by the Accreditation Council for Graduate Medical Education, and it notifies the program director and the hospital.

### D. Number of Residents

The total number of residents assigned to any orthopaedic residency program and the number at each level of education must have prior approval by the Residency Review Committee for Orthopaedic Surgery.

## XII. Appeals Procedure

- A. An individual who has received an unfavorable ruling from a committee of the Board may appeal such determination by mailing a notice of appeal to the office of the American Board of Orthopaedic Surgery within 60 days of the date such ruling was mailed to him or her. Exception: The decisions by the Examinations Committee that a candidate has failed either part of the certifying examination may be appealed only in the manner and to the extent provided in paragraphs G and H below.
- B. Upon receipt of a notice of appeal, the concerned Board committee shall consider any information submitted therewith by the individual in support of his or her appeal and make such further investigation as it deems appropriate. If the committee then decides in a manner favorable to the individual, it shall so notify the individual. If the committee does not so determine, it shall notify the individual and the president of the American Board of Orthopaedic Surgery.
- C. The individual shall then have the right to an appeal hearing to decide whether the determination of the concerned Board committee shall be confirmed, modified, or overruled in accordance with the hearing process described in this appeals procedure.
  1. The president of the American Board of Orthopaedic Surgery shall appoint an ad hoc appeals committee consisting of three directors of the Board who did not participate in making the determination being appealed, one of whom shall be designated by the president as chairman of the appeals committee.
  2. In event that the subject matter of the appeal involves complex issues of fact or issues not solely dependent upon medical, surgical or professional standards, the president of the American Board of Orthopaedic Surgery, at his or her sole discretion, may appoint a hearing officer to conduct the appeal hearing and to submit a full written report and a recommended decision to the ad hoc appeals committee. The hearing officer appointed at the discretion of the president shall be an impartial physician, lawyer, or other professional.
  3. The chairman of the appeals committee shall convene a hearing before the appeals committee or the hearing officer, if one is appointed, within a reasonable time after their respective appointments, but not less than 60 days after the appointment of the appeals committee and the hearing officer, whichever is later.
- D. Prior to the hearing
  1. The concerned Board committee shall provide the executive director with such written information concerning its decision as it deems appropriate; a list of witnesses, if any, whom it expects to call to testify; copies of any written material that it considered in making the determination appealed (but only if it intends to present such material at the hearing); and a list of information and documents that the individual is required to produce at the hearing. This material, together with written notice stating the time and place of the hearing, shall be sent to the individual by the executive director not less than 30 days prior to the hearing. Not less than 7 days prior to the

- hearing, the concerned Board committee shall provide the executive director and the individual with copies of any written reports, affidavits, or statements of experts that the concerned Board committee intends to present at the hearing.
2. Not less than 7 days prior to the hearing, the individual shall provide the executive director and the concerned Board committee with such written information concerning his or her position as he or she deems appropriate; a list of witnesses, if any, whom he or she expects to call to testify; and copies of any written reports, affidavits or statements of experts that he or she intends to present at the hearing.
  3. The executive director shall submit the written material referred to in this section D to the members of the appeals committee of the hearing officer, if one has been appointed, prior to the hearing. Copies of this material must also be submitted to the individual and to the concerned Board committee no later than the time when submitted to the appeals committee or the hearing officer.
- E. The hearing, whether conducted before the appeals committee or a hearing officer, shall be a hearing de novo. The concerned Board committee and the individual shall have the right to present all relevant information and evidence in support of their respective positions, and neither the concerned Board committee nor the individual shall be limited to the information and evidence considered by the concerned Board committee in making its original determination or its reconsideration of the original decision.
1. The concerned Board committee shall have the burden of proving at the hearing that the determination being appealed should be confirmed. The standard of proof to be applied by the appeals committee and the hearing officer in deciding whether the information and evidence presented at the hearing is sufficient to warrant confirmation of the determination being appealed is by the preponderance or greater weight of the evidence.
  2. At the hearing, the concerned Board committee and its legal or other representatives shall present such relevant information and evidence as it deems appropriate to support its previously made determination. However, the committee shall not have the right to present any information or evidence not previously provided as required in D.1. The committee may call, examine, and cross-examine witnesses.
  3. The individual shall have the right to be represented at the hearing by legal counsel or any person of his or her choice. He or she may present such relevant information and evidence as he or she deems appropriate in support of his or her position. However, the individual shall not have the right to present any information or evidence if not previously provided as required in D.2. The failure of the individual to produce information or documents requested by the concerned Board committee as required in D.2 shall be grounds for upholding and confirming the determinations of the concerned Board committee. The individual may call, examine, and cross-examine witnesses.
  4. The individual and the concerned Board committee may submit written statements at the close of the hearing. A written record of the hearing shall be made available to the individual at one-half the cost of its preparation.
- F. After the conclusion of the hearing:
1. If the hearing has been conducted before a hearing officer, the hearing officer shall prepare a written report based upon the information and evidence presented, including the findings of fact determined by the hearing officer and a recommended decision as to whether the determination being appealed should be confirmed, modified, or overruled. The hearing officer shall submit the written report of the appeals committee and send copies to the individual and the concerned Board committee. The individual and/or the concerned Board committee may file objections to the report and recommendations of the hearing officer with the appeals committee within 10 days after receipt of the report. The opposing party shall then have 10 days to file its response to such objections with the appeals committee.
  2. The appeals committee shall make its decisions following the hearing. If the hearing has been conducted before a hearing officer, the appeals committee will first receive the written report and recommendations of the hearing officer and the objections and responses filed thereto by the parties. If a majority of the members of the appeals committee determine, on the basis of the information and evidence presented, including, when applicable, the report and recommendations of the hearing officer, that the determination of the concerned Board committee should be confirmed or modified, the appeals committee shall so declare. If a majority determines that the concerned Board committee's determination should be overruled, the appeals committee shall so declare. The appeals committee shall inform the individual and the concerned Board committee of its decision in writing within a reasonable time following the hearing, explaining the basis for its judgment. The decision of the appeals committee shall be final and binding.
- G. A candidate who believes that the Part II examination was administered in an unfair or inaccurate manner or that one or more of his or her oral examiners was acquainted with him or her or was not impartial may immediately, upon completion of the examination, request that he or she be reexamined. The request shall be made to the Chairman of the Oral Examinations Committee and reviewed by the president and the secretary. If, after discussing the matter with the candidate and making such other investigation as they may deem appropriate, a majority of the president, the secretary, and the chairman of the Oral Examinations Committee determine that reasonable grounds exist for the candidate's request, he or she shall be immediately reexamined by another panel of oral examiners. In such event, the first oral examination will be disregarded and only the candidate's performance on the reexamination shall be considered in determining his or her score on the examination.
- H. A candidate who fails the Part I examination may request in writing that his or her examination be rescored by hand to verify the accuracy of the results as reported to him or her. Such a request is to be made within 60 days of his or her being notified of the results of the examination. The request must be accompanied by a check for \$100 payable to the American Board of Orthopaedic Surgery to cover the cost of hand scoring. There shall be no further appeal of a failure on the Part I examination.

## American Board of Otolaryngology

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*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Otolaryngology [ABO] to ascertain whether the information below is current.)*

## Examination Process

The ABO certification process consists of two phases: a written qualifying examination and an oral certifying examination.

All candidates must take a written examination, which is offered in the fall of each year. Candidates who do not achieve the qualifying score fail the exam, and are not eligible to take the oral examination. They may retake the written exam in a subsequent year.

Candidates who meet or exceed the qualifying score must then complete an oral examination, which is offered in the spring of each year. Qualified candidates are given three consecutive opportunities to take the oral exam. If a passing score is not achieved after three exam cycles, the candidate must reapply to take the written exam, and must again achieve a qualifying score in order to be permitted to retake the oral exam.

Written and oral examination scores are not combined. An individual must successfully complete both the written and the oral exam in order to be certified. A certificate is granted by the ABO to a candidate who has met all the requirements and has satisfactorily passed its exams.

## Requirements for Examination

### Resident Registry

A preliminary resident registry form must be filed for each new resident by the program director by July 15 of the first year of otolaryngology-head and neck surgery training. The form must be signed by both the program director and the resident.

The program director is subsequently required to submit a Resident Registry Evaluation form for each resident by July 15 of each year. The form must be signed by both the program director and the resident.

All residents maintain a log of their surgical procedures on a computer diskette during otolaryngology-head and neck surgery training. Both the diskette and a printout, signed by the program director and the resident, must be returned to the ABO by July 15 of each year for recording.

Failure to return resident registry forms or operative experience report diskettes and printouts may jeopardize the resident's opportunity to apply for the certification examination.

There is a \$25 fee for lost diskettes and a \$200 fee for operative experience report diskettes and printouts not returned by July 15.

## Transfers

A resident wishing to transfer from one residency program to another must notify the ABO in writing, and explain the circumstances of the proposed transfer.

Letters from the current and prospective directors of training must also be submitted. The letter from the current program director must verify the exact amount of training successfully completed in the program. The letter from the prospective program director must verify that sufficient residency positions, accredited by the Residency Review Committee for Otolaryngology of the Accreditation Council for Graduate Medical Education (ACGME), exist in the program to provide the transferring resident with the training necessary to meet the requirements of this Board for certification.

## General Requirements

There is no required time interval between completion of the residency program and making application for examination. However, all residency training must be successfully completed before the date of the examination in any given year.

The applicant must possess high moral, ethical, and professional qualifications as determined by, and in the sole discretion of, the board.

The applicant must be a graduate of an approved school of medicine or osteopathy.

The applicant must submit verification of a valid, nonrestricted license to practice medicine.

## Training Requirements

Training programs in otolaryngology-head and neck surgery in the United States are evaluated by the Residency Review Committee for Otolaryngology, which consists of representatives from the American Medical Association, the American College of Surgeons, and the ABO, and are accredited by the ACGME. Information concerning approved educational programs is contained in the *Graduate Medical Education Directory* published by the American Medical Association.

All training specified below must be successfully completed in ACGME-approved programs, or in programs in Canada accredited by the Royal College of Physicians and Surgeons of Canada.

The applicant whose residency training began July 1, 1981, or thereafter must have satisfactorily completed a minimum of 5 years of residency training as follows:

1. At least 1 year of general surgical training. It is preferred that the general surgical residency be taken prior to otolaryngologic training, but it may not be taken following otolaryngologic training.
2. At least 3 years of residency training in otolaryngology-head and neck surgery. This training must involve increasing responsibility each year and must include a final year of senior experience. This final year must be spent within the accredited program in which the previous year of training was spent, unless prior approval is obtained from the board.
3. An additional year of residency training, which may be in otolaryngology, general surgery or other residencies or internships. If this year of training is not in otolaryngology, it must be taken prior to the final year of otolaryngology residency.

All residency training must be completed in a manner acceptable to the head of that residency program.

The applicant whose residency training begins July 1, 1997, or thereafter will be required to complete 1 year of general surgical training and 4 years of otolaryngologic training, for a total of 5 years of residency training.

Beginning in 1997, the ABO will examine only the number of resident graduates from a program in any given year that is the RRC (ACGME)-approved number of graduates for that year.

## Foreign Training

An applicant who completed otolaryngologic training in the United Kingdom or the Republic of Ireland in a program accredited by the Specialist Advisory Committee, and who has received a certificate of accreditation in otolaryngology from the Joint Committee on Higher Surgical Training in the United Kingdom and the Republic of Ireland may be considered for examination.

An applicant who completed otolaryngologic training under the New Zealand program after January 1, 1984, and passed the examination leading to Fellowship in the Royal Australasian College of Surgeons or who completed training under the Australian program after January 1, 1986, and has passed the examination leading to Fellowship in the Royal Australasian College of Surgeons may be considered for examination.

## Application for Examination

Application materials for the written examination in any given year become available January 2 and must be completed and returned by May 1 of that year. The application consists of the following

1. Application, signed by the program director and another ABO diplomate. A current photograph, signed on the front, must be attached to the application. A duplicate photograph, also signed on the front, must be attached to a signature card provided with the application.
2. Verification of medical degree (official transcript or letter from Dean).
3. Verification of otolaryngology residency form, signed by the program director, attesting to satisfactory completion of the training program.
4. Verification of surgery residency form, signed by the chief of surgery, attesting to satisfactory completion of the training program.
5. Verification of additional residency form, signed by the appropriate program director, attesting to satisfactory completion of the training program or internship.
6. Credentials questionnaire, regarding practice privileges, licensure actions, etc.
7. Candidate authorization, for release of information from the Federation of State Medical Boards.
8. Verification of all licenses to practice medicine, showing nonrestricted status and date of expiration.

Individuals who have completed residency training but who will enter a fellowship program utilizing an institutional license must submit a statement from the program director as evidence of this fact.

Individuals who have completed residency training but who will go on to practice medicine in a foreign country not requiring licensure must make a written request to be accepted for the examination without medical license. Such requests should be submitted with the application.

9. Operative experience report (diskette and printout), which lists procedures assisted in and performed by the applicant during otolaryngology residency.

Additional information may be requested by the Board from the following: local medical society, Board certified otolaryngologists from the geographical area in which the applicant practices, the director of the applicant's training program, hospital chiefs of staff, and/or other individuals and entities who may have knowledge of the applicant's moral and ethical standing, qualifications, or abilities.

Applications are approved by the Credentials Committee in June, and applicants are then notified if they have been approved for examination. The Board reserves the right to reject any application.

Applications are valid for one written exam and three oral exams. At the conclusion of this period, or upon failure of the written

exam, the application expires, and individuals are required to submit new forms.

## Leaves of Absence

Leaves of absence and vacation may be granted to residents at the discretion of the program director in accordance with local rules. The total of such leaves and vacation may not exceed 6 weeks in any one year. If a longer leave of absence is granted in any year, the required period of graduate medical education may be extended accordingly.

## Applicants With Special Disabilities

The ABO offers examinations in a place and manner accessible to persons with disabilities or offers alternative accessible arrangements for such individuals. Requests for such accommodations should be submitted with the application prior to May 1 of any given year.

## Fees

### General Information

1. Fees are not refundable, nor can they be "held over" to a subsequent exam.
2. All fees must be paid in US funds. Applicants residing outside the United States must submit payment by International Money Order.
3. Fees must be paid in full by the stated deadlines. Applications without payment will not be processed.
4. A fee of \$200 will be charged for any application or portion thereof postmarked between May 1 and May 15. Applications are not accepted after May 15.
5. A fee of \$25 will be charged for any check returned by the bank for insufficient funds.
6. Fees are subject to change at the discretion of the board.

### New Applicants

1. The examination fee is \$1,600. First-time applicants must submit \$800 with the application by May 1. The additional \$800 is due by July 15.
2. Individuals who become candidates for the oral examination (by achieving the qualifying score on the written examination) take their first oral examination at no additional cost.
3. Candidates are given three consecutive opportunities to take the oral examination. A fee of \$900 will be charged for the second and/or third oral examination.

### Reapplicants

1. If an individual fails the written examination, or if a passing score is not achieved after three oral exams, the individual must reapply to take the written exam and \$1,600 must accompany the reapplication form.
2. Individuals who again become oral candidates follow the same procedure and pay the same fees as outlined in paragraph 3 of the new applicants section above.

## Board Eligibility and Status Inquiries

The ABO does not recognize or use the term "Board-eligible." The Board states whether an individual is certified, is not certified, or is in the process of being examined (ie, between written and oral examinations).

## Purpose of Examination

The purpose of the examination is to determine the candidate's knowledge, skill, and understanding in the following categories

1. Morphology, physiology, pharmacology, pathology, microbiology, biochemistry, genetics, and immunology relevant to the head and



- neck; the respiratory and upper alimentary systems; the communication sciences, including knowledge of audiology and speech-language pathology; the chemical senses and allergy, endocrinology, and neurology as they relate to the head and neck.
2. Diagnosis and diagnostic methods including audiologic and vestibular assessments, electrophysiologic techniques, and other related laboratory procedures for diseases and disorders of the ears, the respiratory and upper alimentary systems, and the head and neck.
  3. Therapeutic and diagnostic radiology, including the interpretation of medical imaging techniques relevant to the head, neck, and thorax, including the temporal bone, skull, nose, paranasal sinuses, salivary and thyroid glands, larynx, neck, lungs, and esophagus.
  4. Diagnostic evaluation and management of congenital anomalies, allergy, trauma, and other diseases in the regions and systems mentioned above.
  5. The cognitive management, including operative intervention with its preoperative and postoperative care, of congenital, inflammatory, endocrine, neoplastic, degenerative, and traumatic states, including
    - a. Temporal bone surgery
    - b. Paranasal sinus and nasal surgery
    - c. Skull-base surgery
    - d. Maxillofacial surgery including the orbits, jaws, and facial skeleton
    - e. Esthetic, plastic and reconstructive surgery of the face, head, and neck
    - f. Surgery of the thyroid, parathyroid, pituitary, and salivary glands
    - g. Head and neck reconstructive surgery relating to the restoration of form and function in congenital anomalies and head and neck trauma, and associated with ablative operations
    - h. Endoscopy, both diagnostic and therapeutic
    - i. Surgery of the lymphatic tissues of the head and neck
  6. The habilitation and rehabilitation techniques and procedures pertaining to respiration, deglutition, chemoreception, balance, speech, and hearing.
  7. The current literature, especially pertaining to the areas listed above.
  8. Research methodology.

In order to assist otolaryngology program directors in evaluating their programs, the Board reports each applicant's examination results to the director of the program in which the applicant completed his/her senior resident year.

### Examination Procedure

The Board vigorously enforces the highest standards of honesty and integrity in its examination process. Accordingly, the following are considered a breach of ABO policy and are forbidden, and may be sufficient cause for the ABO to terminate an applicant's participation in the examination, to invalidate the results of the examination, to withhold an applicant's score or certificate, to bar an applicant permanently from all future examinations, to revoke a certificate, or to take other appropriate action

1. Falsification of the application or the submission of any falsified documents to the ABO
2. The giving or receiving of aid in the examination, including, but not limited to, copying answers from another candidate or permitting one's answers to be copied, as evidenced by observation at the time of the examination or by statistical analysis afterward
3. The offer of any financial or other benefit to any director, officer, employee, proctor, or other agent or representative of the ABO in return for any right, privilege, or benefit that is not usually

granted by the ABO to other similarly situated candidates or persons

4. The unauthorized possession, reproduction, recording, discussion or disclosure of any material, including but not limited to, written or oral examination questions or answers before, during, or after the examination.

Proctors are required to report any suspected irregularity during an examination. A candidate may be moved to a more isolated area, or his or her participation in the examination may be terminated. Additionally, the ABO's educational consultants may undertake statistical studies of a candidate's answers compared with the answers of other participants in the examination to provide evidence that would support or fail to support a suspected irregularity. If, in the opinion of the ABO, there exists a probability that an irregularity occurred, the ABO will afford the suspected individual(s) procedural due process in order to assure fairness in the determination as to whether an irregularity has occurred.

The ABO will not report scores or grant certification on the basis of scores that it has determined to be invalid, and reserves the right to take whatever legal action is indicated with regard to violation of ABO copyright or examination violations.

### Certification, Rejection and Revocation (from the Bylaws, Article VI)

The Board shall issue an appropriate certificate of qualification in otolaryngology (or in a subdivision thereof) to those who show themselves worthy of such certification according to the requirements of training, experience, and demonstrated competence as stated in the current ABO Booklet of Information.

No certificate shall be issued, and any certificate issued by the Board shall be subject to revocation at any time by the board, if it shall determine that the person involved:

1. Did not possess the required qualifications and requirements for examination, whether or not such deficiency was known to the Board or any director thereof, or could have been ascertained by the Board prior to examination or at the time of the issuance of a certificate as the case may be.
2. Made a material misstatement or withheld information in his/her application or any other representation to the Board or any Committee thereof, whether intentional or unintentional.
3. Has been convicted by a court of competent jurisdiction of any felony or misdemeanor involving moral turpitude, and in the opinion of the board, having a material relationship to the practice of medicine.
4. Had a license to practice medicine revoked, or shall have been disciplined or censured by any court or other body having proper jurisdiction and authority because of any act or omission arising from the practice of medicine.

If the Board determines to withhold or revoke any certificate for any reason, the person affected thereby shall be given written notice of the reasons therefor. Such actions by the Board shall be regarded as final unless such person requests a review of such action within 30 days after notice thereof has been mailed by the board.

## American Board of Pathology

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*(These criteria and conditions are subject to change without notice. The new certification requirements of The American Board of Pathology were not available at the time of this publication. Please contact the Board for current requirements.)*

**Qualification Requirements for Examination**

All applications for certification are evaluated by the Credentials Committee of The American Board of Pathology (ABP). The evaluation process requires the consideration of the following four requirements:

- I. Professional Education
- II. Medical Licensure
- III. Pathology Training Requirements
  - A. Primary Certification
  - B. Special Qualification Certification
  - C. Added Qualification Certification
  - D. Combined Primary and Subspecialty Certification
- IV. The Credentialing Year

An applicant who has satisfactorily fulfilled these four requirements is declared qualified for examination by the Credentials Committee for a period not to exceed 3 years.

**I. Professional Education**

A candidate must have graduated from a medical school in the United States or Canada accredited by the Liaison Committee on Medical Education, graduated from an osteopathic college of medicine accredited by the Bureau of Professional Education of the American Osteopathic Association, or graduated from a medical school acceptable to the ABP in another country.

Graduates of foreign medical schools must submit with their application a notarized copy of their medical school diploma, in English, showing the medical degree and the date that it was awarded. A certificate showing that the applicant has passed a final examination is not acceptable.

**II. Medical Licensure**

The candidate must hold a currently valid, full, and unrestricted license to practice medicine or osteopathy in one of the states or territories of the United States or one of the provinces of Canada.

**III. Pathology Training Requirements**

To acknowledge the diverse activities in the practice of pathology and to accommodate the interests of individuals wishing to enter the field, the ABP offers primary certification through one of the following three routes: combined anatomic and clinical pathology, anatomic pathology only, and clinical pathology only. A variety of special and added qualification certificates are offered for certified pathologists who wish to demonstrate expertise in one facet of anatomic or clinical pathology. Under certain circumstances, primary certification in anatomic or clinical pathology can be combined with one of the special or added qualifications.

Only pathology training taken in the United States or Canada is acceptable toward meeting the ABP requirements. The training must be in programs that have been inspected and accredited by the Accreditation Council for Graduate Medical Education (ACGME) or specifically approved by the ABP.

**A. Primary Certification**

In addition to accredited pathology training, all applicants for primary certification must meet the credential training/experience requirement of 1 full year of clinical training, clinical experience, or clinically related research (see Section IV, The Credentialing Year).

1. Training. The candidate must satisfactorily complete pathology training in a program accredited by the ACGME as outlined.
  - a. Combined Anatomic and Clinical Pathology (AP/CP) Certification
 

Four full years of full-time, approved training in an accredited APCP-4 program that includes at least 18 months of formal (structured) training in anatomic pathology and 18 months of formal (structured) training in clinical pathology, and either an additional 12 months of full-time, continued formal (structured) training in anatomic and/or clinical pathology or 12 months of full-time approved flexible training in a specialty facet of pathology as part of the defined 4 year accredited APCP training program.
  - b. Anatomic Pathology (AP) Certification
    1. Three full years of full-time, approved training in anatomic pathology in an accredited APCP-4 or AP-3 program that includes at least 24 months of formal (structured) training in anatomic pathology, and either an additional 12 months of full-time, continued formal (structured) training in anatomic pathology or 12 months of full-time approved flexible training in a specialty facet of pathology as part of the defined accredited training program.
    2. Primary certification in clinical pathology and 2 full years of full-time, approved training in anatomic pathology in an accredited APCP-4 or AP-3 program, with at least 18 months being formal (structured) training in anatomic pathology. Six months may be full-time approved training in a specialty facet of pathology as part of the defined accredited training program.
  - c. Clinical Pathology (CP) Certification
    1. Three full years of full-time, approved training in clinical pathology in an accredited APCP-4 or CP-3 program that includes at least 24 months of formal (structured) training in clinical pathology, and either an additional 12 months of full-time, continued formal (structured) training in clinical pathology or 12 months of full-time approved flexible training in a specialty facet of pathology as part of the defined accredited training program.
    2. Primary certification in anatomic pathology and 2 full years of full-time, approved training in clinical pathology in an accredited APCP-4 or CP-3 program, with at least 18 months being formal (structured) training in clinical pathology. Six months may be full-time approved training in a specialty facet of pathology as part of the defined accredited training program.
2. Experience. Only under special circumstances will experience credit be given toward the pathology training requirements for primary certification. Two months of full-time practice experience in pathology acceptable to the ABP is equivalent to 1 month of accredited pathology training. The substitution of experience credit for a portion of accredited pathology training requires the assessment and approval of the director of the pathology training program to ensure that such will permit the continuation of an adequate broad experience of good quality in anatomic and/or clinical pathology.
 

Under exceptional circumstances, credit for extensive full-time pathology practice experience in a country other than the United States or Canada may be granted toward the requirements for primary certification, provided that the candidate has

had a total of 8 years of full-time practice experience in pathology acceptable to the ABP with at least 4 years having been in the United States or Canada. For AP qualification, the experience must have been in the actual practice of AP; for CP, in the actual practice of CP; and for combined AP/CP, 4 years in AP and 4 years in CP.

3. **Advanced Pathology Training Credit Mechanisms.** Under special circumstances advanced credit will be given by the mechanisms described. The acceptance of advanced credits as substitutes for accredited pathology training toward primary certification is not automatic and is evaluated on an individual basis. Credit is given only for activities that have occurred in either the United States or Canada. The total combined period of advanced pathology training credit allowed for paragraphs a, b, and c in this section will not exceed 1 year (12 months) and can only be applied to the flexible year of required pathology training necessary for certification in AP/CP, AP, or CP.

To avoid any misunderstanding, potential applicants should communicate with the office of the ABP early in the training period to ascertain if credit may be acceptable.

The training program director will be asked to assess the proposal and to provide a recommendation as to the amount of credit that the director believes the candidate should receive.

The Board will notify the director of the pathology training program of such potential credit. Prior to admission to the certifying examination, the director of the final year of training must certify that the candidate is fully qualified to sit for the examination.

- a. Student fellowship training during medical school. Credit toward the pathology training requirements for primary certification may be granted for medical student fellowship training or research taken after successful completion of the medical school course in pathology, provided that the candidate did not receive credit for such toward graduation from medical school, that the training was full-time and is validated by the director of the student fellowship program, and that it is approved as an acceptable experience by the director of the accredited pathology training program in which the candidate is registered. The training or research must take place in a department of pathology that has an accredited training program. No credit is given for electives or for courses that are part of the medical school curriculum.
  - b. Candidates holding a PhD degree in a special discipline of pathology or a basic science related to pathology may under certain circumstances obtain pathology training credit regardless of whether it was received before or after the medical degree. The evaluation and approval of the amount of training credit will depend on an assessment by the ABP regarding relevance of the subjects to anatomic or clinical pathology.
  - c. Research with a direct application to the practice of anatomic or clinical pathology and not leading to an advanced degree may be considered for credit not to exceed 1 year (12 months) in combination with other advanced credits. The research must be full-time. No credit is given for research employment as a technician or technologist. The ABP encourages research and believes that all candidates should carry on investigation, teaching, and the publication of scientific papers during primary training.
4. **Post Pathology Course Fellowship—criteria for acceptance.** Under certain circumstances, candidates may receive advanced pathology training credit toward the primary certification requirements for post pathology course fellowship training in pathology. Such credit is NOT given toward the requirements for special or added qualification certification. The credit is assessed on an individual basis. Granted credit will be assigned to

the flexible year of required primary training. Credit will not be given toward the required 18 months of formal (structured) anatomic pathology training or the required 18 months of formal (structured) clinical pathology training necessary to qualify for combined anatomic and clinical pathology certification.

Advanced credit toward single certification in anatomic pathology or single certification in clinical pathology will be given toward the flexible year of required pathology training and not toward the 24 months of required formal (structured) training.

The guidelines for acceptable post pathology course fellowship training for credit are

- a. Fellow must have fully and satisfactorily completed the sophomore year of medical school.
  - b. Fellow must not receive credit for fellowship activities toward the requirements for graduation from medical school.
  - c. Training must be full-time in a department of pathology that has a fully accredited pathology training program.
  - d. Training must be under the direction of the director of the pathology training program or the chairman of the department of pathology.
  - e. A description of proposed activities, responsibilities, and assignments for anatomic pathology, clinical pathology, and research must be available and on file prior to beginning of fellowship. If a formal institutional program exists, a copy should be filed with the ABP.
  - f. A validation and evaluation report must be submitted on completion of the fellowship by the program director or chairman of the department of pathology if the fellow wishes credit toward certification requirements.
5. **Additional Training or Experience.** A candidate for primary certification who has completed the required pathology training 5 years or more prior to the date of submission of an application for examination must have either 1 year of additional training in pathology in a program accredited for such training by the ACGME or 2 full years of additional practice experience in pathology in the United States or Canada in a situation acceptable to the Board. This additional requirement must be met during the 5-year period immediately preceding the date of submission of an application.

### ***B. Special Qualification Certification***

All candidates applying for special qualification certification must hold a primary certificate from the ABP or, where permissible, from another primary medical specialty Board of the American Board of Medical Specialties (ABMS).

Credit is not given for pathology training taken outside the United States and Canada. Also, credit is not given for training in areas of special qualification that were part of the training program leading to the requirements necessary to qualify to sit for the primary examination in AP and/or CP.

No advanced credit will be given toward the requirements for special qualification certification by the mechanisms described in Section III A 3, Advanced Pathology Training Credit Mechanisms.

#### **1. Blood Banking/Transfusion Medicine (BB/TM)**

- a. Applicants who hold a certificate in anatomic and clinical pathology, clinical pathology only, or a primary certificate plus a special qualification certificate in hematology from another primary medical specialty Board of ABMS
  1. One full year of additional training in blood banking/transfusion medicine in a program accredited for such training by the ACGME or approved for such training by the ABP or
  2. Two additional years of full-time experience or its equivalence in blood banking/transfusion medicine under circumstances acceptable to the ABP.

- b. Applicants, other than those described in 1a, who hold a primary certificate from a primary medical specialty Board of ABMS: 2 full years of full-time training in blood banking/transfusion medicine in a program accredited for such training by the ACGME.
  - c. Applicants seeking combined certification in clinical pathology and blood banking/transfusion medicine (CP/BB/TM): see Section III D, Combined Primary and Subspecialty Certification.
2. Chemical Pathology (Chem P)
- a. Applicants who hold a certificate in anatomic and clinical pathology or clinical pathology only
    - 1. One full year of additional training in chemical pathology in a program accredited for such training by the ACGME or approved for such training by the ABP or
    - 2. Two additional years of full-time experience or its equivalence in chemical pathology under circumstances acceptable to the ABP.
  - b. Applicants, other than those described in 2a, who hold a primary certificate from a primary medical specialty Board of ABMS: 2 full years of full-time training in chemical pathology in a program accredited for such training by the ACGME.
  - c. Applicants seeking combined certification in clinical pathology and chemical pathology (CP/Chem P), see Section III D, Combined Primary and Subspecialty Certification.
3. Dermatopathology (DP)

Certification in dermatopathology is a joint and equal function of the ABP and the American Board of Dermatology (ABD). Such function relates to qualifications of candidates, standards of examinations, and the form of the certificate.

All candidates applying for examination must hold a currently valid, full, and unrestricted license to practice medicine or osteopathy in either the United States or Canada.

a. Prerequisites

The ABP and the ABD will admit candidates to examination for certificates of special qualification in dermatopathology who are otherwise qualified and who have met one of the following requirements

- 1. Applicants who are diplomates of the ABP and the ABD.
- 2. Applicants already holding a primary certificate from the ABP (anatomic pathology, or combined anatomic and clinical pathology) or the ABD and the addition of at least 1 year of training in dermatopathology in a program accredited for such training by the ACGME. This additional training must be taken after the candidate has met the full training requirements for certification in pathology or dermatology.

b. Training

Training programs in dermatopathology are a joint and equal function of the departments of pathology and dermatology. The pathologist applicant must spend one-half of the required training time in clinical dermatology.

*Committee for Dermatopathology*

Ronald J Barr, MD, Orange, California  
 Merle W Delmer, MD, San Antonio, Texas  
 Mark A Everett, MD, Oklahoma City, Oklahoma  
 Loren E Golitz, MD, Denver, Colorado  
 Dwight K Oxley, MD, Wichita, Kansas  
 Kay Herrin Woodruff, MD, San Pablo, California

Candidates may obtain an application as follows

*Pathologists*

William H Hartmann, MD  
 Executive Vice President  
 American Board of Pathology  
 PO Box 25915  
 Tampa, FL 33622-5915

*Dermatologists*

Harry J Hurley, MD  
 Executive Director  
 American Board of Dermatology, Inc  
 Henry Ford Hospital  
 2799 W Grand Blvd  
 Detroit, MI 48202

4. Forensic Pathology (FP)

- a. Applicants who hold a certificate in anatomic and clinical pathology, anatomic pathology only, or in special instances, clinical pathology only
  - 1. One full year of additional supervised training in forensic pathology in a program accredited for such training by the ACGME or approved for such training by the ABP or
  - 2. Two additional years of full-time experience in forensic pathology or its equivalence in a situation comparable to that of a program accredited for such training by the ACGME.
- b. Applicants seeking combined certification in anatomic pathology and forensic pathology (AP/FP), see Section III D, Combined Primary and Subspecialty Certification.

5. Hematology (HEM)

- a. Applicants who hold a certificate in anatomic and clinical pathology, clinical pathology only, or a primary certificate plus a special qualification certificate in hematology from another primary medical specialty Board of ABMS:
  - 1. One full year of additional supervised training in hematology (pathology) in a program accredited for such training by the ACGME or approved for such training by the ABP or
  - 2. Two additional years of full-time experience or its equivalence in clinical laboratory hematology under circumstances acceptable to the ABP.
- b. Applicants, other than those described in 5a, who hold a primary certificate from a primary medical specialty Board of ABMS: 2 full years of full-time training in hematology (pathology) in a program accredited for such training by the ACGME.
- c. Applicants seeking combined certification in clinical or anatomic pathology and hematology (CP/HEM, AP/HEM): see Section III D, Combined Primary and Subspecialty Certification.

6. Immunopathology (IP)

- a. Applicants who hold a certificate in anatomic and clinical pathology
  - 1. One full year of additional supervised training in immunopathology in a program accredited for such training by the ACGME or approved for such training by the ABP or
  - 2. Two additional years of full-time experience in immunopathology or its equivalence under circumstances acceptable to the ABP.
- b. Applicants who hold a certificate in anatomic pathology only or clinical pathology only
  - 1. Two full years of additional supervised training in immunopathology in a program accredited for such training by the ACGME or approved for such training by the ABP or
  - 2. Four additional years of full-time experience in immunopathology or its equivalence under circumstances acceptable to the ABP.
- c. Applicants who hold a certificate in anatomic pathology only or clinical pathology only plus a certificate of Special Qualification in blood banking/transfusion medicine, hematology, medical microbiology, or chemical pathology
  - 1. One full year of additional supervised training in immunopathology in a program accredited for such training by the ACGME or approved for such training by the ABP or

2. Two additional years of full-time experience in immunopathology or its equivalence under circumstances acceptable to the ABP.
- d. Applicants seeking combined certification in anatomic pathology or clinical pathology and immunopathology (AP/IP, CP/IP), see Section III D, Combined Primary and Subspecialty Certification.
7. Medical Microbiology (MMB)
  - a. Applicants who hold a certificate in anatomic and clinical pathology, clinical pathology only, or a primary certificate plus a special qualification certificate in infectious disease from another primary medical specialty Board of ABMS
    1. One full year of additional training in medical microbiology in a program accredited for such training by the ACGME or approved for such training by the ABP or
    2. Two additional years of full-time experience or its equivalence in clinical laboratory medical microbiology under circumstances acceptable to the ABP.
  - b. Applicants, other than those described in 7a, who hold a primary certificate from a primary medical specialty Board of ABMS: 2 full years of full-time training in medical microbiology in a program accredited for such training by the ACGME.
  - c. Applicants seeking combined certification in clinical pathology and medical microbiology (CP/MMB): see Section III D, Combined Primary and Subspecialty Certification.
8. Neuropathology (NP)
  - a. Applicants who hold a certificate in anatomic and clinical pathology, or anatomic pathology only: 2 full years of additional supervised training in neuropathology in a program accredited for such training by the ACGME or approved for such training by the ABP.
  - b. Applicants who hold a certificate in clinical pathology or a primary certificate from another primary medical specialty Board of ABMS
    1. One full year of approved training in anatomic pathology in a program accredited for such training by the ACGME or approved for such training by the ABP, plus
    2. Two full years of additional supervised training in neuropathology in a program accredited for such training by the ACGME or approved for such training by the ABP.
  - c. Applicants seeking combined certification in anatomic pathology and neuropathology (AP/NP), see Section III D, Combined Primary and Subspecialty Certification.
9. Pediatric Pathology (PP)
  - a. Applicants who hold a certificate in anatomic and clinical pathology or anatomic pathology only from the ABP or anatomic pathology or general pathology from The Royal College of Physicians and Surgeons of Canada
    1. Two full years of additional supervised training in pediatric pathology in a program accredited for such training by the ACGME or approved for such training by the ABP or
    2. Four additional years of full-time practice experience in pediatric pathology or its equivalence in a situation offering experience opportunities comparable to those of an accredited or approved training program in pediatric pathology and acceptable to the ABP.
  - b. The pediatric pathology training or experience should occur after the completion of the full training requirements necessary to qualify for certification in AP/CP or AP.

### C. Added Qualification Certification

All candidates applying for added qualification certification must hold a primary certificate from the ABP.

Credit is not given for training or experience occurring outside the United States and Canada. Also, credit is not given for training

in an area of added qualification that was part of the training program leading to the requirements necessary to qualify to sit for the primary examination in AP or AP/CP.

No advanced credit will be given toward the requirements for added qualification certification by the mechanisms described in Section III A 3, Advanced Pathology Training Credit Mechanisms.

#### 1. Cytopathology (CYP)

- a. Applicants who hold a certificate in anatomic pathology or combined anatomic and clinical pathology:
  1. One full year of full-time supervised training in cytopathology in a program accredited for such training by the ACGME or approved for such training by the ABP, or
  2. Two years of full-time experience in cytopathology or its equivalence under circumstances acceptable to the ABP.
- b. Applicants seeking combined certification in anatomic pathology and cytopathology (AP/CYP), see Section III D, Combined Primary and Subspecialty Certification.

### D. Combined Primary and Subspecialty Certification

Under certain circumstances, special qualification or added qualification training may be arranged in conjunction with the primary training requirements, permitting a candidate to qualify for a combined certificate. All applicants for combined certification must also meet the additional credential training/experience requirement of 1 full year of clinical training, clinical experience, or clinically related research. (See Section IV, Credentialing Year.)

Advanced credit will not be given toward the requirements for combined certification (involving primary training and special or added qualification training) by the mechanisms described in Section III A 3, Advanced Pathology Training Credit Mechanisms.

The acceptable combinations of certification and the required training are

1. Anatomic pathology and forensic pathology (AP/FP)—2 full years of approved training in anatomic pathology in a program accredited for such training by the ACGME and 1 full year of approved training in forensic pathology in a program accredited for such training by the ACGME and 1 additional year of approved training in anatomic pathology or in one of the specialty areas of pathology such as neuropathology, toxicology, or chemical pathology.
2. Anatomic pathology and neuropathology (AP/NP)—two full years of approved training in anatomic pathology and 2 full years of approved training in neuropathology in a program accredited for such training by the ACGME with adequate experience in diagnostic neuropathology.
3. Anatomic pathology and hematology (AP/HEM)—2 full years of approved training in anatomic pathology in a program accredited for such training by the ACGME and 2 full years of approved training in hematology in a program accredited for such training by the ACGME with adequate training or experience in the clinical pathology aspects of hematology.
4. Anatomic pathology and immunopathology (AP/IP)—2 full years of approved training in anatomic pathology in a program accredited for such training by the ACGME and 2 full years of approved training in immunopathology in a program accredited for such training by the ACGME.
5. Clinical pathology (CP) plus special qualification—3 full years of approved training in clinical pathology in a program accredited for such training by the ACGME plus 1 full year of approved special qualification training in blood banking/transfusion medicine, chemical pathology, hematology, or medical microbiology in a program accredited for such training by the ACGME as defined in Section III B, Special Qualification Certification, or 2 full years of approved training in clinical pathology plus 2 full years of approved special qualification training in blood banking/transfusion medicine, chemical pathology, hematology,

immunopathology, or medical microbiology in a program accredited for such training by the ACGME as defined in Section III B, Special Qualification Certification.

6. Anatomic pathology and cytopathology (AP/CYP)—3 full years of approved training in anatomic pathology in a program accredited for such training by the ACGME and 1 full year of approved training in cytopathology in a program accredited for such training by the ACGME or approved for such training by the ABP.

**IV. Credentialing Year**

The requirement of 1 full year of clinical training, experience, or clinically related research is in addition to the required pathology training in an accredited program. It must be taken after having obtained the medical degree.

The ABP considers the most appropriate and, for applicants, the most beneficial approach to meeting this requirement to be 1 full year of full-time, approved clinical training in the United States or Canada (Pathway A). The Board recognizes that such is not always possible and thus offers alternate pathways to meeting the requirement.

The requirement can be met by

- A. One full year of full-time, approved graduate medical education in a transitional year training program; or in a clinical area of medicine such as internal medicine, surgery, obstetrics and gynecology, pediatrics, emergency medicine, or family practice, or
- B. One full year of full-time research in pathology or in another clinical discipline, provided that the research was done in the United States or Canada and has clearly defined clinical implications. The guidelines for acceptance of research activity are
  1. Research activity must have taken place after the candidate has obtained a recognized medical degree.
  2. The candidate must have a clearly defined investigator role in the research program.
  3. The research must involve patients directly, or materials obtained from patients, or techniques that can be applied directly to the diagnosis of human disease or to the understanding of the basic mechanisms of disease.
  4. Prospective approval of a research program for credentialing credit must be given in writing by the director of the pathology training program.
  5. Credit for research activity prior to entering a pathology training program must be approved by the director of the pathology training program and the ABP. Such research must have occurred in an institution in the United States or Canada, or
- C. One year of training in one of the recognized specialty fields of pathology that includes clinical correlation and patient contact (this year cannot be used to meet the requirements for both the credentialing year and special or added qualification certification), or
- D. The satisfactory completion of 1 full year of a combination of clinical training, clinical experience, clinical research, or subspecialty pathology training in addition to the required pathology training necessary to qualify for certification in anatomic and clinical pathology, anatomic pathology, or clinical pathology. The training director is responsible for defining and justifying this year of clinical activity to the ABP. In meeting the credentialing year requirement by combinations of pathways A, B, and C, the ABP recommends that the periods of activity be at least 4 months in duration wherever possible.

Under certain circumstances, credit toward the credentialing year may be given for a pathology experience if the applicant holds a primary certificate in pathology issued by the independent national certifying body in a country other than the United States or Canada and provided that the certification was by national examination following 4 full years of approved training in pathology.

**Clinical Training Outside the United States and Canada**

Under certain circumstances, clinical training taken in countries other than the United States and Canada may be acceptable toward meeting the ABP credentialing year, provided that the following criteria are fully met and validated:

1. The clinical training was taken after obtaining a medical degree acceptable to the ABP.
2. Satisfactory completion of 1 full year of full-time training in clinical medicine in a multidisciplinary training program (internship) or in a training program in internal medicine, pediatric medicine, general surgery, or obstetrics and gynecology.
3. Proof from the training institution that the program in question has been inspected and approved for graduate medical education.
4. Indication from the director of the clinical training program that the candidate was registered in the program, completed the training satisfactorily, and was the physician of record in the diagnosis and treatment of patients throughout the full 12 months.
5. Recommendation from the pathology program director in regard to the person's request.

The acceptability of clinical training toward meeting the ABP requirements is assessed on an individual basis, and it is imperative that an opinion be obtained from the ABP well in advance of the submission of an application for certification. The amount of advanced credit for clinical training outside the United States and Canada toward the ABP requirements for certification cannot exceed a total of 12 months.

It is the responsibility of the person seeking credit to ensure that all validating items for these criteria are submitted to the ABP for consideration. No assessment of possible credit will be given until all validating and reference information has been received.

**Application for Examination**

Requests for application forms must be made in writing to the office of the ABP. Completed original forms should be returned with the required credentials and the application-examination fee. An application cannot be given consideration unless it is accompanied by the application-examination fee.

**Fees**

The application-examination fee schedule for 1995 is as follows

Anatomic pathology only	\$1,000
Clinical pathology only	\$1,000
Anatomic pathology portion of combined AP/CP	\$1,000
Clinical pathology portion of combined AP/CP	\$1,000
Combined anatomic and clinical pathology	\$1,200
Special qualification	\$1,200
Added qualification	\$1,200
Anatomic or clinical pathology combined with special qualification or added qualification (both parts taken at one sitting)	\$1,400

The application-examination fee includes a nonrefundable processing fee of \$100. If the different divisions of the AP/CP and the combined primary and special or added qualification examinations are taken at separate sittings, there is a separate examination fee for each sitting. If the candidate fails in the examination, admission to a repeat examination is permitted, but any reexamination must occur within the 3-year period of qualification described under Qualification Period for Examination. The applicant must pay the examination fee according to the current fee schedule before another examination will be given. If, after having applied for a specific examination, the candidate requests a transfer in writing to a

future examination prior to the final filing date, there is a transfer fee of \$100.

In the event of the candidate's illness at the time of the examination, validated by the candidate's attending physician, a major portion of the application-examination fee will be either transferred to the next examination or refunded.

### Vacation, Maternity, and Other Leave

Each institution sponsoring a pathology training program may develop individual sick, vacation, and other leave policies for the resident. However, one year of approved training credit toward ABP certification requirements must be 52 weeks in duration and must include at least 48 weeks of full-time pathology training. Furthermore, unused vacation and other leave time may not be accumulated to reduce the overall duration of training.

### Irregular Behavior

In the interest of protecting the integrity of the ABP and its certification examinations, the following irregular behaviors may be sufficient to bar a person from future examinations, to terminate one's participation in the examination, to invalidate the results of one's examination, to cause the withholding or revocation of one's scores or certificate, or to merit other appropriate action by the Board

1. The giving or receiving of aid in the examination as evidenced either by observation or by statistical analysis of candidates' answers;
2. The unauthorized possession, reproduction, or disclosure of any ABP examination-related materials, including, but not limited to, examination questions or answers, before, during, or after the examination; and/or
3. The offering of any benefit to any agent of the Board in return for any right, privilege, or benefit that is not usually granted by the Board to other similarly situated candidates or persons.

In addition, the Board may withhold a candidate's scores and require that the candidate retake one or more portions of the examination if presented with sufficient evidence that the security of the examination has been compromised, notwithstanding the absence of any evidence of the candidate's personal involvement in such activities.

### Chemical Dependency

Applications for certification from persons who have had a history of chemical dependency as reported to the Board will not be accepted unless the applicant submits documented evidence acceptable to the Board that the disease is known to be under control for 5 years from the time of its most recent occurrence.

Candidates who have been declared qualified to sit for a certifying examination and who have a current problem of chemical dependency as reported to the Board will not be admitted to examination. Denial of admission to examination may result in the loss of opportunities for examination and, ultimately, in the decision to declare the candidate's application void for failure to complete the requirements for certification within the qualification time period allotted to every candidate.

### Qualification Period for Examination

The ABP does not recognize or use the term "Board-eligible" and does not issue statements concerning "Board eligibility." An applicant is declared qualified for examination only after a formal application has been received and approved by the Credentials Committee.

The ABP will permit a candidate who has qualified for examination on the basis of approved training and/or experience to sit for the examination during a period not to exceed 3 years after being

declared qualified to take the examination. When this period has expired, additional periods of qualification for examination will be permitted upon submission of documented evidence that the candidate has obtained further training or experience subsequent to the termination of the period of qualification. This must be in the form of an additional year of approved training in an accredited program or 2 years of experience acceptable to the ABP. The additional training or experience must be in the area of pathology in which the candidate was unsuccessful.

At any time after declaring a candidate qualified for examination, the Credentials Committee, at its discretion, may withdraw such qualification or, as a condition, may require satisfaction by the candidate of specified conditions. In the exercise of its discretion under this regulation, the Credentials Committee shall be entitled to act without reason assigned.

If it is determined that an applicant has falsified information in the application form, the applicant will not be approved for the certifying examination and must wait a period of 3 years before being permitted to file a new application. The applicant will not be considered qualified to sit for the certifying examination during the 3-year interim.

### Examination Dates and Sites

Examinations are held at the discretion of the Board. The tentative schedules for forthcoming examinations are

#### Anatomic and Clinical Pathology Examinations

May 15, 16, 17, 1995—Indianapolis, Indiana

November 6, 7, 8, 1995—Dallas, Texas

May 21, 22, 23, 1996—Chicago, Illinois

#### Examinations for Special and Added Qualification

The examinations for special qualification in chemical pathology, medical microbiology, and immunopathology will be given every 2 years. Examinations will be given in 1995 and every other year thereafter.

May 18, 1995—Indianapolis, Indiana

FP, HEM, IP, NP, PP, CYP

After July 1, 1995 (dates to be determined)

BB/TM, Chem P, MMB

#### Dermatopathology Examination

The dermatopathology examination is scheduled separately at a time and place mutually agreed upon by the ABP and the ABD.

The examination in dermatopathology will be given every 2 years. An examination will be given in 1995 and every other year thereafter.

October 20, 1995—Chicago, Illinois

#### Final Filing and Cutoff Dates

The final filing dates for receipt of applications or registrations are as follows:

February 1 for spring examinations

April 1 for summer examinations

August 1 for fall examinations

June 1 for dermatopathology examinations

If the candidate cancels an appearance for the examination after these dates or does not appear for the examination, the entire application-examination fee is forfeited.

### Issuance of Certificate

Upon satisfactorily passing the appropriate examination(s), a candidate will be issued a certificate by the ABP in those fields of pathology for which the ABP accepted the credentials. Thus, a candidate who is qualified for the combined examination in anatomic and

clinical pathology, having fulfilled the minimum pathology requirement of 48 months and the credentialing clinical requirement of 12 months will receive a certificate only after both parts (anatomic and clinical pathology) of the examination have been passed.

Candidates qualified for examination in anatomic or clinical pathology, and a specialty area of pathology, and claiming qualification on the basis of the required training in each area will receive a certificate only after each of the examinations has been passed.

A candidate who has fulfilled all the prerequisites, including the minimal requirement of 36 months of approved training in anatomic pathology only or clinical pathology only, plus the 12 credential months of activity, will receive a certificate after passing the examination in anatomic pathology or in clinical pathology.

If a candidate's certificate is lost or destroyed, the ABP will issue a duplicate certificate upon written request and justification, together with the necessary engraving and handling charge of \$50.

### Revocation of Certificate

In its discretion, the ABP may revoke a certificate for due cause, including, but not limited to, the following causes

1. The diplomate did not possess the required qualifications and requirements for examination, whether or not such deficiency was known to the ABP or any committee thereof prior to examination or at the time of the issuance of the certificate, as the case may be
2. The diplomate made a material misstatement or withheld information in his or her application or in any other representation to the ABP or any committee thereof, whether intentional or unintentional
3. The diplomate engaged in irregular behavior in connection with an examination of the ABP (as described under "Irregular Behavior"), whether or not such practices had an effect on the performance of the candidate on an examination
4. The diplomate was convicted by a court of competent jurisdiction of any felony or misdemeanor involving moral turpitude and, in the opinion of the ABP, having a material relationship to the practice of medicine, or
5. There has been a limitation or termination of any right of the diplomate associated with the practice of medicine in any state, province, or country, including the imposition of any requirement of surveillance, supervision, or review by reason of violation of a medical practice act or other statute or governmental regulation, disciplinary action by any medical licensing authority, entry into a consent order, or voluntary surrender of license.

Revocation of certificates shall be governed by procedures set forth in the ABP Bylaws as amended from time to time.

### Update of ABP Certificate

The ABP will permit diplomates of the Board to retake the examination in the area of pathology in which they are already certified for the purpose of updating their certificate(s). The application-examination fee and the passing requirements are the same as for initial candidates. Successful candidates will be issued new, currently dated certificates.

### Limitation of SQ/AQ Certificates

As a condition of admission to an examination for special or added qualification in pathology, an individual holding two or more certificates of special competence, special qualification, and/or added qualification shall surrender a sufficient number of certificates to reduce their number to one. In the event that the individual fails the examination and the period of Board qualification terminates, the surrendered certificate(s) shall be restored. This action does

not include certificates of Special Competence (Qualification) in Radioisotopic Pathology or in Dermatopathology.

### Candidates With Disabilities

1. Policy. The ABP supports the intent of the Americans with Disabilities Act. The Board will endeavor to provide qualified Board candidates who have documented disabilities the necessary auxiliary aids and services that do not fundamentally alter the measurement of the skills or knowledge the Board examination is intended to test or result in an undue burden.
2. Documentation of Disability. Board candidates requesting an accommodation due to a disability must provide documentation of the disability. Such documentation should include a specific diagnosis of the disability and include medical records or other documentation of the diagnosis of the disability by an appropriate medical professional. The ABP reserves the right to verify the disability and to request additional documentation as necessary. All required documentation acceptable to the Board must be received in the Board Office no later than the application deadline.
3. Type of Accommodation. Board candidates requesting an accommodation must identify the type of accommodation requested. The Board, however, will determine the type of accommodation to be made for a candidate with a verified disability. Accommodations that fundamentally alter the measurement of skills or knowledge that the examination is intended to test will not be offered.
4. Application Deadline. Candidates requesting accommodations are urged to contact the Board as far in advance of the examination as possible. Requests for accommodation and documentation of disability must be received no later than the application deadline.

### Appeals Procedure

An individual who has received an unfavorable ruling regarding qualification to take the examination may initiate an appeal of such determination by making a written request for reconsideration to the ABP office within 90 days of the date such ruling was mailed.

A candidate who fails a certifying examination may request that the examination be rescored to verify the accuracy of the results as reported. Such request must be made in writing within 90 days of the date of mailing of the results of the examination to the candidate and must be accompanied by the fee of \$50 per certifying examination or part thereof. There shall be no further appeal from failure of an examination.

## American Board of Pediatrics

Robert P Kelch, MD, Chairman, Iowa City, Iowa  
 Catherine DeAngelis, MD, Chairman-Elect, Baltimore, Maryland  
 Herbert T Abelson, MD, Secretary-Treasurer, Seattle, Washington  
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 Thomas L W Roe, MD, Eugene, Oregon  
 Sara Rosenbaum, JD, Washington, District of Columbia  
 Jon B Tingelstad, MD, Greenville, North Carolina



Walter W Tunnessen, Jr, MD, Philadelphia, Pennsylvania  
Grace S Wolff, MD, Miami, Florida

*(These criteria are subject to change. All applicants are advised to consult the American Board of Pediatrics [ABP] to ascertain any changes that may have been made, especially before undertaking any variations in the training program.)*

### Requirements for Admission to Examination

An applicant<sup>1</sup> for examination for certification must meet the following general requirements

1. The applicant must be a graduate of an accredited medical school in the United States or Canada or of a foreign medical school that is listed by the World Health Organization (WHO).
2. For a new applicant, a valid (current), unrestricted license to practice medicine in one of the states, districts or territories of the United States or a province of Canada is a requirement for admission to the examination, but it may be submitted separately from the initial application.

For an applicant who is reregistering, a copy of the license must be on file in the ABP office before reregistration material is sent unless a waiver of the requirement has been granted.

If an applicant has any action pending regarding the right to have an unrestricted license to practice medicine, admission to the examination may be denied.

3. The applicant must complete 3 years of pediatric training in programs accredited by the Accreditation Council for Graduate Medical Education (ACGME) on the advice of the Residency Review Committee for Pediatrics (RRC)<sup>2</sup> or in programs in Canada accredited by the Royal College of Physicians and Surgeons of Canada (RCPSC).
4. The ABP will require program directors to verify satisfactory completion of training and to evaluate the acceptability of the applicant as a practitioner of pediatrics.
5. The ABP reserves the right to withhold permission to take its examinations and/or certification in the event of circumstances demonstrating that an applicant is not capable of performing the role of physician and advocate for infants, children, and adolescents. In such instances, the applicant will be notified; the applicant may appeal the decision to the Credentials Committee of the ABP.

### Graduation From Medical School

The applicant must be a graduate of a medical school that has been accredited by the Liaison Committee on Medical Education (LCME) in the United States, by the RCPSC, in Canada or by the American Osteopathic Association (AOA) in the United States.

An applicant who is a graduate of a medical school that has not been accredited by the LCME, RCPSC or AOA, but is listed by WHO, may apply for examination if he/she has a standard certificate either from the Educational Commission for Foreign Medical Graduates (ECFMG) or the Medical Council of Canada.

The graduate of a foreign medical school must submit a photocopy of the medical school diploma showing the medical degree and the date it was awarded. A certificate showing that the applicant has passed a final examination is not acceptable.

### Training Requirements

An applicant must complete 3 years of postgraduate pediatric training in programs accredited by the RRC or, in Canada, by the

RCPSC.<sup>3</sup> The training curriculum must be compatible with the Special Requirements for program accreditation, which are published annually in the *Graduate Medical Education Directory*. During this period of training, the applicant is expected to assume progressive responsibility for the care of patients. Credit will not be given for training completed before the medical degree is awarded. A year of supervisory experience must be an integral part of the total 3-year program; this year must include 6 months of direct supervisory responsibility in general pediatrics.

The ABP recognizes four levels of pediatric training (PL-1 through PL-4) and defines these levels as follows:

PL-1: The first postgraduate year in general comprehensive pediatric training in an accredited program.

PL-2: The second postgraduate year in general comprehensive pediatric training in an accredited program following PL-1, but with increased responsibility for patient care and for the supervision of junior house staff and medical students.

PL-3: The third postgraduate year in general comprehensive pediatric training in an accredited program, but with increasing responsibility for patient care and supervision of junior house staff and medical students.

PL-4: The fourth postgraduate year in general pediatric training in an accredited program when the applicant is designated as a chief resident.

### Special Alternative Pathway

The ABP recognizes that occasionally there will be an exceptional candidate who should be given special consideration to begin subspecialty training after the completion of the PL-2 year of general comprehensive pediatrics. Before the start of the PL-2 year, the department chairman or program director must petition that a resident be considered for the Special Alternative Pathway (SAP), indicating that the candidate has superior overall competence. There must also be a letter from the subspecialty program director outlining the clinical and research training. In addition, such candidates will be required to take a screening examination. The application material and the score on the screening examination will be reviewed by the Credentials Committee. An applicant who is approved for the SAP may not take the certifying examination until all training (no less than 5 years) is completed.

Training programs: The ABP approves applicants for admission to its certifying process. The ABP does not accredit training programs. Information regarding accreditation should be addressed to Executive Secretary, Residency Review Committee for Pediatrics, 515 N State St, Chicago, IL 60610.

Credit for training in accredited programs other than pediatrics: A physician transferring to pediatric residency training from another accredited residency, eg, family practice, internal medicine, transitional year, must correspond with the ABP to determine whether partial credit may be awarded for this training. Requests for credit must be submitted either by the candidate or the pediatric residency program director before the candidate enters pediatric residency training.

Credit for pediatric training in nonaccredited programs: The ABP has established requirements for a physician who has had at least 3 years of pediatric training in programs not accredited by the RRC or RCPSC, ie, foreign training or training in accredited osteopathic programs in the United States. The interested physician or the department chairman/program director must write to the ABP before

1. Throughout the document the term candidate will be synonymous with applicant.  
2. Hereafter, accreditation will refer to accreditation by the RRC.

3. The training requirements for individuals who graduated from medical school before July 1, 1978, are different from these requirements. Such applicants should contact the ABP for details.

training begins to be sure that the physician meets the requirements.

## Special Programs

### Medicine/Pediatrics (Med/Ped) Program

A special agreement exists with the American Board of Internal Medicine (ABIM) whereby an applicant may fulfill the training requirements of both the ABP and ABIM by completing 2 years of accredited training in general comprehensive pediatrics and 2 years of accredited training in general comprehensive internal medicine. The 4 years should be completed in the same combined training program. Exceptions must be approved by both the ABP and ABIM. Continuity clinics in each specialty must be provided throughout the 4 years. Guidelines for combined training have been approved by both the ABP and ABIM and are available by writing either office. A list of institutions offering combined programs is published in the *Graduate Medical Education Directory*. An applicant may not take the certifying examination of the ABP until all training has been completed.

### Pediatrics/Neurology Program

A special agreement exists with the American Board of Psychiatry and Neurology (ABPN) whereby an applicant who completes at least 2 years of accredited training in general comprehensive pediatrics and the neurology training necessary to meet the requirements for certification in neurology with special competence in Child Neurology fulfills the training requirements of both the ABP and the ABPN. An applicant may not take the certifying examination of the ABP until all training has been completed.

### Pediatrics/Physical Medicine and Rehabilitation Program

A special agreement exists with the American Board of Physical Medicine and Rehabilitation (ABPMR) whereby a physician interested in pediatric rehabilitation can qualify for admission to the certifying examinations of both the ABP and ABPMR. The residency training can be completed in 5 years in programs accredited by the RRCs of ABP and ABPMR. Proposed programs must be submitted to the ABP and ABPMR for approval before a candidate can be accepted into the joint training program. All training should be completed at one academic institution; any deviation must be approved prospectively by both the ABP and ABPMR. Interested applicants may obtain details from either office. An applicant may not take the certifying examination of the ABP until all training has been completed.

### Pediatrics/Emergency Medicine Program

A special agreement exists with the American Board of Emergency Medicine (ABEM) whereby an applicant may fulfill the training requirements of both the ABP and ABEM by completing joint training in 5 years. All 5 years should be completed in the same combined training program. Exceptions must be approved by both the ABP and ABEM. Training programs must be approved prospectively by both the ABP and ABEM. Guidelines for combined training have been approved by both the ABP and ABEM and are available by writing to either office. They were published in *Annals of Emergency Medicine*. 1991;20:98-100. An applicant may not take the certifying examination of the ABP until all training has been completed.

### Pediatrics/Psychiatry/Child and Adolescent Psychiatry Program

The ABP, the American Board of Psychiatry and Neurology (ABPN), and the Committee on Certification in Child and Adolescent Psychiatry have formed a committee to accredit programs that will satisfy the training requirements for certification in all three areas. Training includes 24 months of general comprehensive pediatrics, 18 months of child and adolescent psychiatry and 18 months of adult psychiatry. Physicians pursuing training in these programs

may take the certifying examination of the ABP in the fall of the fifth year of training, provided that all pediatric training (except continuity clinics) is completed by the date of the examination. Credit for training via this route may be obtained only by training in one of these programs. Further information concerning these combined training programs may be obtained by contacting the ABPN, 500 Lake Cook Rd/Ste 335, Deerfield, IL 60015.

**Graduate school courses:** It is a fundamental concept of the ABP that a residency training program should provide for properly organized progressive responsibility for the care of children. The ABP believes that this can be accomplished through continuity of clinical experience under the supervision of attending physicians who are responsible for the care of these children. The substitution of a formal graduate or postgraduate school course that does not carry the essential ingredient of responsibility for patient care is inconsistent with this principle. Accordingly, the ABP will not accept such courses in fulfillment of its training requirements.

**Military service:** Military assignments will not be accepted in lieu of a year of required training unless served as a resident in a military hospital that is accredited by the RRC.

**Special situations:** The ABP recognizes that situations may arise that are not explained by the preceding information. A physician may have worked in a pediatric field for many years yet be deficient in the formal training requirements for examination; or a physician may have completed specialized training not explained in the above requirements. In such cases, the individual should present his/her credentials to the ABP, who may ask the Credentials Committee to review them and to decide whether permission should be given to enter the certification process.

**Statement of eligibility:** If a candidate applies to take the certifying examination and the credentials are approved, the candidate will be considered to be board eligible. The ABP will verify that a physician is certified, not certified or eligible to take the certifying examination. The credentials of an applicant who does not meet the licensure requirement will be disapproved, and he/she will not be board eligible. The allegation by an applicant that he/she has completed the required training (and, therefore, is board eligible) without review and approval by the ABP is not acceptable.

## Tracking, Evaluation, and Verification of Training by Directors of Pediatric Training Programs

The ABP regards the evaluation of trainee competency as a continuum that begins during training and concludes with the certifying examination following formal training. The ABP believes that the program director(s) and faculty play significant roles in the certification process and are the key to a responsible system of determining which applicants should be admitted to the certifying examination. The program director is able to provide a meaningful overview of the resident's professional competence, especially in skills such as clinical judgment, moral and ethical behavior, professional attitudes and behavior, procedural skills, and humanistic qualities.

The ABP resident tracking and evaluation program is part of the certifying process of the ABP. The program director is required to indicate annually whether each resident's performance is satisfactory, marginal, or unsatisfactory. If a resident's performance is unsatisfactory, the resident will not receive credit for that period of training. A marginal evaluation indicates a need for remediation. If a resident receives a marginal rating for 2 consecutive years of training (eg, PL-1 and PL-2), he or she will not receive credit for the second marginal year and will have to repeat that entire year of training. If a resident receives a marginal rating for one year (eg, PL-1) and receives a satisfactory rating for the following year (eg, PL-2), then both the marginal year and the satisfactory year will be considered

to be satisfactory. The resident who receives a marginal rating in the final year of training (eg, PL-3) will be reviewed by the ABP Credentials Committee before being allowed to take the certifying examination in general pediatrics.

The tracking system also identifies residents who transfer from one program to another or to a new specialty and ensures that the new program director recognizes those residents who need remediation.

The ABP requires the program director to verify completion of training and to sign either Statement A or Statement B on the Verification of Clinical Competence Form. Statement A is as follows: "I certify that the above-named applicant has demonstrated the necessary attitudes, knowledge, clinical judgment, technical skills, and interpersonal skills and is judged to be fully prepared for independent responsibility as a general pediatrician; to my knowledge he/she has moral and ethical integrity. The applicant is recommended for examination."

In recommending an applicant for the certifying examination, a program director should keep in mind the definition of a qualified applicant as determined by the ABP:

An applicant shall demonstrate the following abilities as they pertain to infants, children and adolescents

1. Assessment of the clinical issues and formulation of a management plan for any medical or health maintenance problem
2. Execution of the management plan with the patient and family, without further medical consultation, for all common problems of disease and health maintenance and for all medically life-threatening situations
3. Consultation, when appropriate, with physicians and other professionals regarding common problems and life-threatening situations, and
4. Arrangement for help for the patient and knowledge of what to anticipate from the consultant, being prepared personally to guide further management with assistance, when appropriate, for unusual problems requiring subspecialty, surgical, or other specialized skills.

Each applicant must have verification of training and verification of clinical competence on file in the ABP office to be admitted to the certifying examination. It is the applicant's responsibility to be sure the program director submits all the required documents by the appropriate deadline.

When an applicant has not attained the appropriate knowledge and skills, the program director should sign Statement B on the Verification of Clinical Competence Form. By signing this statement, the program director is recommending that the applicant not be admitted to the certifying examination.

If an applicant's training is not verified and/or he/she is not recommended for admission to the certifying examination, the applicant will be required to complete an additional period of training in general comprehensive pediatrics in an accredited program in the United States or Canada before reapplying to the ABP. The director of the program where the additional training occurred must complete a separate Verification of Clinical Competence Form. Alternatively, the applicant may appeal to the Credentials Committee of the ABP. The Credentials Committee will gather additional information about the applicant and decide if permission to take the examination should be given. For an appeal, the applicant will be asked to submit copies of certificates of satisfactory completion of training. If the applicant has been denied such certificates, then admission will be refused on the basis of incomplete training. However, possession of such certificates will not automatically admit the person to the ABP's certification process. Most training certificates attest to the achievement of a minimal level of competence or the fulfillment of an employment contract. Therefore, the program di-

rector's statement on the Verification of Clinical Competence Form will take precedence over the certificate from the hospital. The ABP must have the program director's assurance that an applicant meets the standards expected of a certified pediatrician. Program directors are urged not to issue certificates of successful completion of training when the resident is deemed not to have met those standards.

The duration of training is 36 months. Absences in excess of 3 months, eg, vacation, sick leave, maternity leave, must be made up unless the program director believes that an absence of more than 3 months is justified, in which case a letter of explanation must be sent for review by the Credentials Committee.

The program director is required to provide further information about the applicant. The program director is asked to evaluate the applicant on a nine-point scale\* in the following areas: gathering data by history, by physical examination, and by laboratory studies; assessing data and arriving at a diagnosis; managing problems and maintaining health; interpersonal relationships with patients and families; interpersonal relationships with other members of the health team; and work habits and personal qualities.

The program director is asked to rate the applicant's overall clinical competency by indicating which of the following phrases best describes the applicant's ability to care for children in the United States or Canada. In these phrases, the word "manage" is defined as identifying the nature of the problem, determining methods of resolving or alleviating the problem, and carrying out management plans, including the appropriate and timely use of consultants.

- 1 Unable to manage many pediatric problems including the most routine ones
- 2
- 3 Able to manage only the most routine problems of pediatrics
- 4
- 5 Able to manage the common problems of pediatrics adequately
- 6
- 7 Able to manage most pediatric problems in an effective way
- 8
- 9 Able to manage almost any pediatric problem in a highly effective manner

If the program director signs Statement A but gives a rating of 3 or less in any single area or a rating of 4 or less for overall clinical competency, the Credentials Committee requires that the program director submit documentation with the completed Verification of Clinical Competence Form. If the Credentials Committee agrees with the program director, the applicant must complete an additional period of training in general comprehensive pediatrics in an accredited program either in the United States or Canada before reapplying to the ABP. The director of the program where the additional training occurred must complete a separate Verification of Clinical Competence Form. Alternatively, the applicant may appeal to the Credentials Committee.

Program directors are encouraged to have all residents in their programs take the In-training Examination (ITE). The results of the ITE can provide valuable information for both the resident and the program.

To be compliant with the general requirements for program accreditation established by the ACGME, the program director and the faculty must develop evaluation procedures for assessment of physician performance. Examples are medical record audits, rating scales for assessment of work habits, observational checklists for

\* Numbered text reflects an ABP nine-point rating scale, for program director use, indicating the applicant's overall clinical competency.

assessment of technical skills, oral examinations, and consumer questionnaires.

**Disability Policy**

An applicant who wishes to request special accommodations due to a disability should notify the ABP office at the time the application is submitted. The applicant will be sent the ABP policy on disabilities. The deadline for notifying the ABP is May 31, 1995 (postmarked).

**Policy Regarding Chemical Use and Dependency**

An applicant who has a history of chemical dependency, as reported to the ABP, and who submits documentation acceptable to the ABP that the disease is known to be under control for at least 2 years may apply to take a certifying examination provided he/she meets the admission requirements. This policy also pertains to individuals who wish to participate in recertification programs. A candidate may appeal to the Credentials Committee for waiver of the 2-year policy.

An applicant who has a history of chemical dependency, as reported to the ABP, who cannot submit documentation acceptable to the ABP that the disease is under control will not be allowed to take the certifying examination or to participate in recertification programs.

**Certifying Examination**

Application material for admission to the certifying examination of the ABP may be obtained by contacting the ABP office. PL-3 residents will be sent an application in early December 1994; residents should contact the ABP office if the application is not received by December 20.

The certifying examination is given once a year in the fall in a number of locations throughout the United States.

The examination is a 2-day examination. There are two sessions, each of 3 hours' duration, each day with a luncheon break between sessions. The dates of the 1995 certifying examination are October 10-11. Applicants for the certifying examination must complete their training by the date of the examination.

The ABP does not sponsor or maintain records about any courses that claim to be review courses in preparation for its certifying examinations.

The content of the examination for certification is appropriate for the practice of general comprehensive pediatrics. Emphasis is placed on practical aspects; however, good practice is founded on sound scientific knowledge, and the candidate should be prepared to demonstrate an understanding of basic science.

The examination consists of multiple-choice questions. Examples of the types of questions to be used are mailed to registered candidates before the administration of each examination. Some questions on the examination are included for experimental purposes only. These questions will not contribute to the score.

The validity of the performance of candidates on the certifying examination of the ABP is secured by every means available. The ABP office should be contacted in the event of irregular behavior such as giving or obtaining unauthorized information or aid before, during, or after the examination or offering financial or other benefit to a proctor, employee, or agent of the ABP.

Each candidate's examination score will be reported to his/her general pediatric program director. Periodically, the ABP conducts research utilizing data it has compiled, in which case, the candidate's anonymity is guaranteed.

For failing candidates who are concerned that their answer sheets were not scored correctly, hand scoring is available for a fee of \$60. However, candidates are not encouraged to request this serv-

ice since neither mechanical nor computer errors have ever been found. Requests should be made in writing accompanied by check or money order. Hand scoring is available for 11 months following the date of the examination.

Beginning in 1990, a new candidate must achieve certification within 7 years of initial application. Candidates who were admitted to the certification process in 1986-1989 have 10 years to complete the certification process. A candidate who was admitted to the certification process before 1986 and is considered to have active status will have until December 31, 1995, to complete the certification process. A candidate who has not been certified within the time limit will be considered to be inactive and no longer will be board eligible. To regain active (and eligibility) status, a candidate must reapply and pass a reentry examination before being readmitted to the certification process.

For new applicants, the regular registration period begins December 1 and extends through February 28. An application postmarked by February 28, 1995, must be accompanied by the application fee of \$1,135 (unless the partial payment plan is being used). Late registration for new applicants begins March 1 and extends through April 29, 1995. An additional nonrefundable late fee of \$225 will be required for an application postmarked between March 1 and April 29. New applications that are postmarked after April 29, 1995, will not be accepted.

Regular reregistration begins February 15 and extends through April 29, 1995. Reregistration material postmarked by April 29 must be accompanied by the re-registration fee of \$1,035. Late reregistration will begin May 1 and extend through May 31, 1995. An additional nonrefundable late fee of \$225 will be required for all reregistration material postmarked between May 1 and May 31, 1995. Reregistration material that is postmarked after May 31, 1995, will not be accepted.

Many deadlines set by the ABP are postmark deadlines. If there is a discrepancy between a metered postmark and an official US Postal Service postmark, the latter will be considered official.

Acknowledgment of receipt of the application will be sent promptly. The ABP office should be contacted if acknowledgment of receipt is not received within 30 days of submission of the application. Applications received by the deadlines will be processed and evaluated, and the ABP will request directors of general pediatric training programs to verify successful completion of training. Applicants who meet the training requirements of the ABP and who are recommended by their program director(s) will be accepted and registered for the certifying examination. An applicant who does not receive notification of the acceptance or rejection of his/her application by August 10 should contact the ABP office to inquire about the status of the application.

**Fees**

The cost of certification includes the following fees, payable only in United States dollars:

**Fees for New Candidates**

Processing and Evaluation Examination	\$325
Examination	\$810
<b>Total New Candidate Fees</b>	<b>\$1,135</b>

**Fees for Reregistrants**

Processing and Evaluation Examination	\$225
Examination	\$810
<b>Total Reregistrant Fees</b>	<b>\$1,035</b>

For individuals not using US banks, the fee must be paid in US dollars using one of the following vehicles: (1) money order, (2) cashier's check or (3) certified check. To be accepted for payment, these vehicles must be payable through a US bank.

The ABP offers a program of partial payment of the examination fees for new applicants. The details are provided with the application material.

Applicants should retain their acknowledgment letters and canceled checks as proof of payment. No other receipts will be issued.

If an applicant is not approved to take the ABP certifying examination, the \$810 examination fee will be refunded. The processing and evaluation fee is not refundable, nor is the late fee. If the applicant wishes to pursue certification in the future, he/she will be required to complete a new application and submit the full fee again.

After the ABP has accepted an application, the applicant is expected to take the next certifying examination offered. However, an applicant may withdraw by submitting a written notice postmarked no later than August 15, 1995. The applicant will be issued a refund of the examination fee (\$810). An applicant whose withdrawal letter is postmarked after August 15 or who does not appear for the examination will forfeit all fees paid and will be required to submit a reregistration fee before being admitted to a future examination. Reregistration material will be sent to approved applicants during the reregistration period for the next examination.

### Certification by the ABP

The ABP awards certificates to those individuals who have met the eligibility requirements, have passed the examination, and have met the following license requirement:

The applicant must have a valid, unrestricted license to practice medicine in one of the states, districts, or territories of the United States or a province of Canada or unrestricted privileges to practice medicine in the United States armed forces. A copy of the valid license must be received by October 6, 1995.

Foreign nationals practicing abroad may be exempted from this policy upon presentation of proof of licensure equivalency in the country in which they reside. This proof must be received by October 6, 1995.

The license requirement will be waived if, during the academic year 1995-1996, the applicant is in pediatric subspecialty training, nonpediatric specialty training, or is serving as a chief resident (PL-4) in a state, province, or district in which the medical licensing board does not require an unrestricted license. In order to obtain a waiver, the program director must submit written confirmation of the applicant's training to the ABP by October 6, 1995.

An applicant who takes the certifying examination, but who does not meet the October 6, 1995, deadline for licensure, will have the examination invalidated and he/she will be disapproved, will not be board eligible and will not receive a refund of the examination fee.

The names of certified pediatricians, but not their scores, will be sent to appropriate organizations, directories, and journals. The certificate will reflect the candidate's degree at the time of graduation from medical school, eg, MD, MB, BS, or DO. Degrees awarded either before or after graduation from medical school will not be included on the certificate.

### Recertification in Pediatrics

In November 1985, the ABP established a policy of time-limited certification. This policy became effective for those individuals certified in general pediatrics and in the subspecialties of pediatrics after May 2, 1988. The Program for Renewal of Certification in Pediatrics (PRCP) is the process by which the ABP recertifies the diplomates in general pediatrics. Diplomates who wish to be issued a new certificate after the 7-year period must successfully complete PRCP for renewal of certification in pediatrics.

Diplomates certified before May 1, 1988, will not be affected by the policy of time-limited certification; however, those who choose

to achieve certification renewal on a voluntary basis may do so by completing PRCP; their certification will not be affected if they are not successful in completing PRCP.

### Revocation of Certificates

All certificates issued by the ABP are subject to the provisions of the articles of incorporation and the bylaws of the ABP. Each certificate is subject to possible revocation in the event that

1. The issuance of such certificate or its receipt by the physician so certified shall have been contrary to or in violation of any of the provisions of the ABP's articles of incorporation or bylaws, or
2. The physician so certified shall not have been eligible to receive such certificate, irrespective of whether the facts constituting him/her so ineligible were known to any or all of the members of the ABP at the time of the issuance of such certificate, or
3. The physician so certified shall have made any misstatement of fact in his/her application for such certificate or in any other statement or representation to the ABP, its members, representatives, or agents, or
4. The physician so certified shall have been convicted by a court of competent jurisdiction of a felony or of any misdemeanor involving, in the opinion of the Board of Directors, moral turpitude in connection with his/her practice of medicine, or
5. The physician so certified shall have had one or more of his/her licenses to practice medicine revoked or shall have been placed on probation by any court or other body having proper jurisdiction and authority or if the physician surrendered his/her license to avoid disciplinary action, or
6. The physician so certified has repeatedly made statements contrary to sound medical science and practice, raising fundamental questions about his/her competency.

If the ABP obtains probable cause to believe that a certificate should be revoked for any of the reasons set forth above, it may institute proceedings for revocation thereof by mailing written notice to the holder of such certificate that a hearing will be held to determine whether the certificate should be revoked. The steps to be taken are outlined in the Rules of Appellate Procedure of the ABP, which may be obtained by writing to the ABP office.

### Reinstatement of Certificates

When a certificate issued by the ABP has been revoked, the certificate may be restored once the physician has submitted a request for reinstatement and the Credentials Committee's recommendation for reinstatement is approved by the Board of Directors.

### Other Certification

The ABP, in conjunction with the ABIM and its Conjoint Board, the American Board of Allergy and Immunology (ABAI), offers a Certificate of Added Qualifications in clinical and laboratory immunology. Further information may be obtained by contacting the ABAI, University City Science Center, 3624 Market St, Philadelphia, PA 19104.

A Certificate of Added Qualifications in sports medicine is offered by the American Board of Family Practice (ABFP), the ABEM, the ABIM, and the ABP. Further information may be obtained by contacting the ABP.

A Certificate of Added Qualifications in medical toxicology is offered by the ABEM, the ABP, and the American Board of Preventive Medicine. Further information may be obtained by contacting the ABP.

### Certification in the Pediatric Subspecialties

The ABP issues a Certificate of Special Qualifications in the following subspecialties: adolescent medicine, pediatric cardiology, pediatric critical care medicine, pediatric emergency medicine,

pediatric endocrinology, pediatric gastroenterology, pediatric hematology-oncology, pediatric infectious diseases, neonatal-perinatal medicine, pediatric nephrology, pediatric pulmonology, and pediatric rheumatology.

#### Adolescent Medicine

Robert W Blum, MD, PhD, Minneapolis, Minnesota  
S Jean Emans, MD, Boston, Massachusetts  
Sherrel L Hammar, MD, Honolulu, Hawaii  
Albert C Hergenroeder, MD, Houston, Texas  
Charles E Irwin, Jr, MD, Chairman, San Francisco, California  
Iris F Litt, MD, Palo Alto, California

#### Pediatric Cardiology

D Woodrow Benson, Jr, MD, PhD, Chicago, Illinois  
Edward B Clark, MD, Rochester, New York  
David J Driscoll, MD, Rochester, Minnesota  
Howard P Gutgesell, MD, Charlottesville, Virginia  
Charles S Kleinman, MD, New Haven, Connecticut  
Richard M Schieken, MD, Richmond, Virginia  
Rebecca A Snider, MD, Baltimore, Maryland  
Norman S Talner, MD, Medical Editor, Pittsboro, North Carolina  
Grace S Wolff, MD, Consultant, Miami, Florida

#### Pediatric Critical Care Medicine

Debra H Fiser, MD, Little Rock, Arkansas  
Robert W Katz, MD, Albuquerque, New Mexico  
David G Nichols, MD, Baltimore, Maryland  
Daniel A Notterman, MD, New York, New York  
J Julio Perez Fontan, MD, St Louis, Missouri  
Ann E Thompson, MD, Chairman, Pittsburgh, Pennsylvania  
Jerry J Zimmerman, MD, Madison, Wisconsin  
George Lister, MD, Medical Editor, New Haven, Connecticut

#### Pediatric Emergency Medicine

Ronald A Dieckmann, MD, San Francisco, California  
Marianne Gausche, MD, Hermosa Beach, California  
Jane F Knapp, MD, Kansas City, Missouri  
Stephen Ludwig, MD, Philadelphia, Pennsylvania  
Robert W Schafermeyer, MD, Chairman, Charlotte, North Carolina  
Michael W Shannon, MD, Boston, Massachusetts  
Albert Tsai, MD, Minneapolis, Minnesota  
Joseph A Weinberg, MD, Germantown, Tennessee  
Jonathan I Singer, MD, Medical Editor, Dayton, Ohio

#### Pediatric Endocrinology

Steven D Chernausek, MD, Cincinnati, Ohio  
S Douglas Frasier, MD, Sylmar, California  
Joseph M Gertner, MB, BCh, New York, New York  
Morey W Haymond, MD, Chairman, Jacksonville, Florida  
Stephen H LaFranchi, MD, Portland, Oregon  
Lenore S Levine, MD, New York, New York  
Edward O Reiter, MD, Springfield, Massachusetts  
Louis E Underwood, MD, Medical Editor, Chapel Hill, North Carolina

#### Pediatric Gastroenterology

Susan S Baker, MD, Charleston, South Carolina  
John T Boyle, MD, Cleveland, Ohio  
Kathleen B Schwarz, MD, Baltimore, Maryland  
Judith M Sondheimer, MD, Chairman, Denver, Colorado  
Frederick J Suchy, MD, New Haven, Connecticut  
James L Sutphen, MD, Charlottesville, Virginia  
Jon A Vanderhoof, MD, Omaha, Nebraska  
Martin H Ulshen, MD, Medical Editor, Chapel Hill, North Carolina

#### Pediatric Hematology-Oncology

George R Buchanan, MD, Chairman, Dallas, Texas  
Edwin N Forman, MD, Providence, Rhode Island

Bertil E Glader, MD, Palo Alto, California  
C Thomas Kisker, MD, Iowa City, Iowa  
Beverly J Lange, MD, Philadelphia, Pennsylvania  
Ruth A Seeler, MD, Chicago, Illinois  
Susan B Shurin, MD, Cleveland, Ohio

#### Pediatric Infectious Diseases

Caroline B Hall, MD, Rochester, New York  
Richard B Johnston, Jr, MD, White Plains, New York  
Sarah S Long, MD, Chairman, Philadelphia, Pennsylvania  
James C Overall, Jr, MD, Salt Lake City, Utah  
Georges Peter, MD, Providence, Rhode Island  
Larry K Pickering, MD, Norfolk, Virginia  
Richard J Whitley, MD, Birmingham, Alabama  
Julia A McMillan, MD, Medical Editor, Baltimore, Maryland

#### Neonatal-Perinatal Medicine

Roberta A Ballard, MD, Philadelphia, Pennsylvania  
Edward F Bell, MD, Iowa City, Iowa  
Robert D Christensen, MD, Gainesville, Florida  
Thomas N Hansen, MD, Houston, Texas  
M Douglas Jones, Jr, MD, Chairman, Denver, Colorado  
James A Lemons, MD, Indianapolis, Indiana  
Ann R Stark, MD, Boston, Massachusetts  
Philip Sunshine, MD, Medical Editor, Palo Alto, California

#### Pediatric Nephrology

Raymond D Adelman, MD, Norfolk, Virginia  
Michel G Baum, MD, Dallas, Texas  
Barbara R Cole, MD, St Louis, Missouri  
Allison A Eddy, MD, Toronto, Ontario, Canada  
Craig B Langman, MD, Chicago, Illinois  
Michael A Linshaw, MD, Chairman, Boston, Massachusetts  
Thomas E Nevins, MD, Minneapolis, Minnesota  
Norman J Siegel, MD, Medical Editor, New Haven, Connecticut

#### Pediatric Pulmonology

Henry L Dorkin, MD, Boston, Massachusetts  
Thomas A Hazinski, MD, Nashville, Tennessee  
Margaret W Leigh, MD, Chapel Hill, North Carolina  
Gerald M Loughlin, MD, Chairman, Baltimore, Maryland  
John T McBride, MD, Rochester, New York  
Michael A Wall, MD, Portland, Oregon  
Robert W Wilmott, MD, Cincinnati, Ohio  
Victor Chernick, MD, Medical Editor, Winnipeg, Manitoba, Canada

#### Pediatric Rheumatology

Balu Athreya, MD, Philadelphia, Pennsylvania  
Norman T Ilowite, MD, New Hyde Park, New York  
Ildy M Katona, MD, Bethesda, Maryland  
Deborah W Kredich, MD, Durham, North Carolina  
Carol B Lindsley, MD, Chairman, Kansas City, Kansas  
Daniel B Magilavy, MD, Cambridge, Massachusetts  
Carol A Wallace, MD, Seattle, Washington  
Peter B Dent, MD, Medical Editor, Hamilton, Ontario, Canada  
James T Cassidy, MD, Consultant, Columbia, Missouri

### General Criteria for Certification in Pediatric Subspecialties

In addition to the training requirements, which are specific to each of the pediatric subspecialties, the following are required of candidates seeking certification in the pediatric subspecialties of adolescent medicine, cardiology, critical care medicine, emergency medicine, endocrinology, gastroenterology, hematology-oncology, infectious diseases, neonatal-perinatal medicine, nephrology, pulmonology, and rheumatology. Each candidate must be familiar with specific subspecialty training requirements, as well as the policies

stated in the current booklet of information, including 3 years of general pediatric training at the PL-1, 2, and 3 levels.

### I. General Eligibility Criteria

#### A. Certification by the ABP

An applicant must take and pass the certifying examination in general pediatrics before being permitted to take a pediatric subspecialty certifying examination. However, the application for the subspecialty certifying examination may be submitted before taking the subspecialty certifying examination in general pediatrics.

#### B. Licensure

An applicant must have a valid, unrestricted license to practice medicine in any of the states, districts, or territories of the United States, or provinces of Canada, or have unrestricted privileges to practice medicine in the US Armed Forces. A copy of the unrestricted license must accompany the application material. A written request for waiver of this requirement will be considered on a case-by-case basis.

#### C. Verification of Training

An applicant will be asked to list the program(s) where subspecialty residency training occurred as well as the name(s) of the program director(s). The ABP will send a Verification of Competence Form to the program director(s) for completion.<sup>4</sup> The role of the program director in the certification process is to verify completion of training and to sign the following statement on the Verification of Competence Form:

"I certify that the above named applicant has demonstrated the necessary attitudes, knowledge, clinical judgment, research abilities, technical skills, and interpersonal skills and is judged to be fully prepared for independent responsibility as a pediatric subspecialist; to my knowledge, he/she has moral and ethical integrity. The applicant is recommended for examination."

An applicant must have Verification and/or Evaluation Form(s) on file at the ABP in order to be admitted to the pediatric subspecialty examination. If an applicant's training is not verified and/or he/she is not recommended for admission, the applicant will be required to complete an additional period of subspecialty residency training before reapplying. Alternatively, the applicant may appeal to the Credentials Committee of the Subboard. The Credentials Committee will gather additional information about the applicant and decide if permission should be given to take the examination. For an appeal, the applicant will be asked to submit copies of certificates of satisfactory completion of training. If the applicant has been denied such a certificate, then admission will be refused on the basis of incomplete training. However, possession of such a certificate will not automatically admit the person to the certification process. Most training certificates attest to the achievement of a minimal level of competence or the fulfillment of an employment contract. Therefore, the program director's statement on the Verification of Competence Form will take precedence over the certificate from the institution. No credit toward subspecialty qualification will be allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL-1, 2, 3).

An applicant seeking certification in more than one subspecialty on the basis of practice and/or training, may not apply the same period toward fulfillment of the requirements of another pediatric subspecialty.

4. For new pediatric subspecialties where programs have not been accredited yet, this process varies slightly. For those utilizing the practice route, Evaluation Form(s) will be required from the program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now or has been practicing. Refer to the subspecialty eligibility criteria for more details.

### D. Principles Regarding the Assessment of Meaningful Accomplishment in Research

Each candidate must meet these principles

1. Research experience is an essential part of the training of subspecialists.
2. The RRC and RCPSC accreditation process must include the evaluation of opportunities for research experience. The Subboards should avoid duplicating RRC functions.
3. A requirement for admission to the certifying subspecialty examination must be evidence of productive research participation.
4. The program director must rate the overall research competence on the Verification of Competence Form. In addition, the program director must provide evidence of meaningful accomplishment in research as defined in paragraph 5 of these Principles.
5. Evidence of meaningful accomplishment in research must be submitted.
  - a. A list of acceptable evidence should allow the majority of applicants to be approved without putting the Subboard in the position of judging the quality of research efforts.
  - b. Acceptable evidence could include one of the following
    - 1) First author of a research paper accepted for publication in a peer-reviewed journal deemed acceptable by the Subboard.
    - 2) Submission of a research grant proposal that has been approved by an extramural organization with a critical review process.
    - 3) A postgraduate degree in a field of science relevant to the subspecialty.
    - 4) A thesis accepted as partial fulfillment of the requirements for a postgraduate degree in a field of science relevant to the subspecialty.
    - 5) A research progress report (signed by both the applicant and preceptor) no more than five pages in length to include (a) a statement of hypothesis, (b) delineation of methodology, (c) results and analysis, and (d) significance of the research. This report could be acceptable in the following situations: where the data were lost; where the research could not be completed because of the nature of the work; or where a research paper had been submitted, but notice of acceptance for publication had not been received. A copy of the manuscript must accompany the progress report. This report will be reviewed by the Credentials Committee.
  - c. Any other evidence acceptable to the Subboard must be approved by the ABP before it can be included as evidence of productive research and participation.
6. The program director is responsible for notifying all residents of the research requirements necessary for certification upon entry to the subspecialty training program.
7. Subspecialty certifying examinations will include questions on research design, analysis, and interpretation.
8. The research should be performed in a laboratory that best suits the candidate's interests. For example, the ABP is strongly supportive of the Pediatric Scientist Development Program, initiated by Association of Medical School Pediatric Department Chairmen (AMSPDC).

### II. Special Requirements for Training Programs

Special Requirements for Training Programs in Pediatric Cardiology, Pediatric Critical Care Medicine, Pediatric Endocrinology, Pediatric Gastroenterology, Pediatric Hematology-Oncology, Neonatal-Perinatal Medicine, Pediatric Nephrology, and Pediatric Pulmonology have been approved by the ACGME or by the RCPSC. Special Requirements for Training Programs in Pediatric Adolescent Medicine, Pediatric Emergency Medicine, Pediatric Infectious Diseases, and Pediatric Rheumatology have not yet been approved

by the ACGME. Copies of the Special Requirements and lists of accredited programs are available from the office of the Residency Review Committee for Pediatrics, 515 N State St, Chicago, IL 60610, or the Office of Training and Evaluation, the Royal College of Physicians and Surgeons of Canada, 74 Stanley, Ottawa, Ontario, K1M 1P4. The Special Requirements are published in the Graduate Medical Education Directory or in the RCPSC booklets of general information.

### III. Subspecialty "Fast Tracking"

A subspecialty resident who is believed to have demonstrated meaningful accomplishment in research, either before or during residency, may have a part of the training waived. Examples might include a PhD degree or being first author of a research paper in a peer-reviewed journal. The subspecialty program director may ask the Subboard to waive the research requirements and to reduce the time of subspecialty training by as much as 1 year. This petition must be made either before the beginning of training or during the first year of training. A candidate for this pathway must have completed 3 core years of pediatrics in an accredited program in the United States or Canada, and would not have the option of the Special Alternative Pathway. Furthermore, a subspecialty resident who receives a waiver by the Subboard must complete at least 2 years of training in the subspecialty with at least 1 year of broad-based clinical training.

### IV. Certifying Examination

The examination consists of multiple-choice questions. Examples of the types of questions to be used are mailed to registered candidates before the administration of each examination. Some questions on the examination are included for experimental purposes only. These questions will not contribute to the score.

The examination result will be reported by name and score to the pediatric department chairman and subspecialty program director where training occurred.

The validity of the performance of candidates on the subspecialty certifying examination is secured by every means available. The ABP should be contacted in the event of irregular behavior such as giving or obtaining unauthorized information or aid before, during, or after the examination, or offering financial or other benefit to a proctor, employee, or agent of the ABP.

The ABP does not sponsor or maintain records on any courses that claim to be review courses in preparation for the subspecialty certifying examination.

A physician who has a disability and who wishes to be given special consideration will be required to submit documentation of the disability before appearing for the certifying examination. The applicant should notify the ABP that special consideration will be desired at the time the initial application is submitted.

Except for certifying examinations given in the spring, an applicant for a subspecialty certifying examination must complete training by the date of the examination. A written request for waiver of this policy will be considered on a case-by-case basis.

Information concerning the dates of the subspecialty examinations is widely distributed in journals, sent to program directors, and is contained in the Booklet of Information, which is available on request from the ABP.

Application material for admission to a subspecialty certifying examination of the ABP may be obtained by contacting the ABP at 919 929-0461, or by writing to the American Board of Pediatrics, 111 Silver Cedar Ct, Chapel Hill, NC 27514-1651. Application forms are available only during the registration period for a particular examination.

As part of the application, the applicant must sign a statement attesting to the fact that he/she

1. Has never been convicted of a felony nor is under indictment for a felony at the present time
2. Has never had a license to practice medicine denied, revoked, suspended, or restricted in the United States or any other country
3. Has no action pending against him/her before any state Licensing Board at this time
4. Has never been chemically dependent
5. Has not been the subject of any disciplinary action, proceeding, or investigation by any medical society within the last 5 years;
6. Has not been the subject of any investigation or disciplinary proceeding in any hospital, practice group, or medical institution with which he/she has been associated, nor has he/she resigned from any such organization while the subject of a complaint or proceeding within the last 5 years.

Each applicant is considered individually and must be acceptable to the Subboard. Each Subboard recognizes that situations may arise that are not explained by the preceding information. Questions concerning eligibility will be considered by the Credentials Committee of the Subboard.

After the Subboard has approved an application, the candidate becomes board eligible and is expected to take the next examination offered. A candidate who withdraws from the examination after the approval letters/site assignment cards are prepared will forfeit a portion of the fees paid. A candidate who withdraws after the date set for postponement will forfeit all fees paid. To register for a future examination, payment of the reregistration fee will be required.

A candidate who fails an examination will be admitted to the next examination pending application and payment of the reregistration fee.

### V. Certification

Beginning in 1990, new applicants must achieve certification within 7 years. A candidate who had an active status as of December 31, 1985, will have until December 31, 1995, to complete the certification process. A candidate who was admitted to the certification process in 1986 to 1989 will have 10 years to complete the process. A candidate who has not been certified within the time limit is no longer board eligible and must pass a reentry examination to regain eligibility status.

A Certificate of Special Qualifications, valid for 7 years, is awarded by the ABP to a candidate who has met the requirements and has passed the certifying subspecialty examination. A program for renewal of subspecialty certification (PRCP-S) has been developed by the ABP. The candidate will be sent registration material in a timely manner.

The names of those certified are sent to the American Board of Medical Specialties (ABMS) for publication in the *Directory of Certified Pediatricians* and to various pediatric journals. Scores are not sent to ABMS or to the journals.

### VI. Policy Regarding Chemical Use and Dependency (Including Drugs and Alcohol)

An applicant who has a history of chemical dependency as reported to the ABP, and who submits documentation acceptable to the ABP that the disease is known to be under control for 2 years, may apply for and take a certifying examination provided he/she meets the admission requirements. This policy also pertains to individuals who wish to participate in the PRCP-S.

An applicant who has a history of chemical dependency, as reported to the ABP, who cannot submit documentation acceptable to the ABP that the disease is under control will not be allowed to take a certifying examination or to participate in PRCP-S.



## Eligibility Criteria for Certification in Adolescent Medicine

The ABP has established a procedure for certification in adolescent medicine. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

### I. Admission Requirements

For admission to the examination, an applicant must have completed one of the following to qualify:

#### A. Training

A subspecialty resident (hereafter, resident or trainee) entering adolescent medicine training before January 1, 1995, may apply for admission on the basis of completion of 2 years of subspecialty residency training in adolescent medicine.

Three years of full-time, broad-based subspecialty residency training in adolescent medicine is required of a resident entering training on or after January 1, 1995. The period of training must be at least 33 months for those entering training on or after January 1, 1995. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident beginning adolescent medicine training on or after January 1, 1995, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. Verification of meaningful accomplishment in research will not be required for individuals who began training before January 1, 1995.

A resident beginning part-time training after January 1, 1995, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those adolescent medicine training programs that are operated in association with general comprehensive residency programs accredited by the ACGME (hereafter, the RRC) or Internal Medicine or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

For an individual using the adolescent medicine residency training route (A), a Verification of Competence Form(s) will be required from the director(s) of the resident's adolescent medicine training program(s).

#### B. Practice Experience

Five years of broad-based practice experience in adolescent medicine is required. A minimum of 50% of full-time professional activity (and a minimum of 20 hours a week) must have been spent in the practice of adolescent medicine to receive credit. It is assumed that night and weekend time would be distributed in the same manner as regular time. These 5 years should be of such type and quality that they substitute for the clinical exposure one might have en-

countered during subspecialty residency training. All adolescent medicine experience must be accrued before December 31, 1998. No foreign adolescent medicine experience will be accepted by the Credentials Committee in fulfillment of the requirements.

For an individual utilizing the adolescent medicine practice experience route (B), an Evaluation Form(s) will be required from the adolescent medicine program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now or has been practicing adolescent medicine.

#### C. Combined Partial Training and Practice

Subspecialty residency training/adolescent medicine practice experience to equal 5 years as outlined in either of the methods below.

1. A resident completing less than 12 months of subspecialty residency training in adolescent medicine may receive practice credit on a month-for-month basis. For example, a 9-month subspecialty residency would be credited for 9 months of experience; this, added to 4 years and 3 months of adolescent medicine experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1998.
2. A resident completing 12 to 23 months of subspecialty residency training in adolescent medicine may receive credit on a two-for-one basis. For example, an 18-month subspecialty residency would be credited for 36 months of experience; this added to 24 months of adolescent medicine experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1998. No credit for partial training will be given for a subspecialty resident who begins training on or after January 1, 1995.

For an individual utilizing the combination subspecialty residency training/adolescent medicine practice experience route (C), a Verification Form(s) will be required from the director(s) of the applicant's adolescent medicine training program(s) and an Evaluation Form(s) will be required from the adolescent medicine program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now or has been practicing adolescent medicine.

The completed Verification and Evaluation Forms should be sent directly to the ABP.

### II. Dual Subcertification in Adolescent Medicine (Internal Medicine and Pediatrics)

Two years of training in adolescent medicine are required for individuals who have completed joint training in internal medicine/pediatric (med/ped) programs and who are dually certified. Graduates from med/ped programs can choose the training track offered by either Board. Candidates who apply to the ABP must meet the requirements of clinical competence and meaningful accomplishment in research.

### III. Accredited Training

At the present time, the RRC has not begun the process of accrediting training programs in adolescent medicine. A resident entering subspecialty training in adolescent medicine before completion of the accreditation process by the RRC is advised to enter those programs in which the director or senior faculty of the program is certified in adolescent medicine or possesses equivalent credentials.

It should be noted that these criteria are subject to change without notice. All applicants are advised to contact the ABP to ascertain whether the information they have is current.

## Eligibility Criteria for Certification in Pediatric Cardiology

The ABP has established a procedure for certification in pediatric cardiology. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

### I. Admission Requirements

A subspecialty resident (hereafter, resident or trainee) entering pediatric cardiology training before January 1, 1988, may apply for admission on the basis of completion of two years of subspecialty residency training in pediatric cardiology.

Three years of full-time, broad-based subspecialty residency training in pediatric cardiology is required of a resident entering training on or after January 1, 1988, in a program accredited by the ACGME (hereafter, the RRC) or the RCPSC. The period of training must be at least 33 months for those entering training on or after January 1, 1988. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric cardiology training on or after January 1, 1988, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training, as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1988, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric cardiology training programs that are operated in association with general comprehensive pediatric residency programs accredited by the RRC or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

### II. Dual Subcertification in Cardiology (Internal Medicine and Pediatrics)

There is no change in the usual training requirements in pediatric cardiology for graduates of combined Medicine/Pediatric programs.

It should be noted that these criteria and conditions are subject to change without notice. All applicants are advised to contact the ABP to ascertain whether the information they have is current.

## Eligibility Criteria for Certification in Pediatric Critical Care Medicine

The ABP has established a procedure for certification in pediatric critical care medicine. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

### I. Admission Requirements

For admission to the examination, an applicant must have completed one of the following to qualify:

A. A subspecialty resident (hereafter, resident or trainee) entering pediatric critical care medicine training before January 1, 1988, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric critical care medicine.

Three years of full-time, broad-based subspecialty residency training in pediatric critical care medicine is required of a resident entering training on or after January 1, 1988, in a program accredited by the ACGME (hereafter, the RRC) or the RCPSC. The period of training must be at least 33 months for those entering training on or after January 1, 1988. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric critical care medicine training on or after January 1, 1988, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1988, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric critical care medicine training programs that are operated in association with general comprehensive pediatric residency programs accredited by the RRC or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

B. A resident who is certified by the ABP in pediatric cardiology, neonatal-perinatal medicine, pediatric pulmonology, or anesthesiology (by the American Board of Anesthesiology) may be admitted to the examination with 2 years of subspecialty residency training in pediatric critical care medicine in a program under the supervision of a director who is certified in pediatric critical care medicine or, lacking such certification, possesses equivalent credentials. A resident entering a program after January 1, 1992, must have his/her training in a program accredited by the RRC or RCPSC in order to be eligible to take the certifying examination in pediatric critical care medicine. A resident who entered training in pediatric critical care medicine before January 1, 1988, will need only 1 year of training. At least 1 year must be in broad-based clinical training.

### II. Dual Subcertification in Critical Care Medicine (Internal Medicine and Pediatrics)

The Subboard of Pediatric Critical Care Medicine has established the following requirements for individuals who are graduates of combined training programs in general internal medicine and general pediatrics.

1. The applicant must have at least 1 year of broad-based clinical pediatric critical care medicine training.
2. The applicant must have a minimum of 1 year of research training related to pediatric critical care medicine. The setting for the research training should be one that is most suitable for the applicant's interest.
3. In order to become certified in the subspecialty, the following must be accomplished by a subspecialty resident: a Verification of Competence Form must be completed by the program director(s) in pediatrics and internal medicine stating satisfactory completion of the required training, as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. No credit toward subspecialty qualification will be allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL 1, 2, 3).
4. An applicant interested in certification in critical care medicine in internal medicine should contact the ABIM.
5. The total length of training leading to dual subcertification must be at least 4 years in duration.
6. An applicant may not take the subspecialty certifying examination of the ABP until all training has been completed.

It should be noted that these criteria and conditions are subject to change without notice. All applicants are advised to contact the ABP to ascertain whether the information they have is current.

### Eligibility Criteria for Certification in Pediatric Emergency Medicine

The ABP and the American Board of Emergency Medicine (ABEM) have established, through the Credentials Committee of the joint Subboard of Pediatric Emergency Medicine, a procedure for certification in Pediatric Emergency Medicine. To be eligible for this subspecialty examination, a physician must be certified in either pediatrics by the ABP or in emergency medicine by the ABEM. In addition to the specific admission requirements listed below, there are general eligibility criteria for all ABP subspecialties that must be fulfilled to be eligible for certification. These are available upon request to the ABP. The ABEM also has general requirements that must be fulfilled and are available from the ABEM office.

#### I. Admission Requirements

For admission to the examination, an applicant must have completed one of the following to qualify:

##### A. Training

A subspecialty resident (hereafter, resident or trainee) entering pediatric emergency medicine training before January 1, 1995, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric emergency medicine. The program and the training must conform to the Special Requirements for Training Programs of the Subboard of Pediatric Emergency Medicine.

1. Requirements for candidates applying to the ABP for certification

Three years of broad-based residency training in pediatric emergency medicine is required of a resident entering training on or after January 1, 1995. The period of training must be at least 33 months for those entering training on or after January 1, 1995. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident beginning pediatric emergency medicine training on or after January 1, 1995, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training, as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. Verification of meaningful accomplishment in research will not be required for individuals who began training before January 1, 1995.

A resident beginning training after January 1, 1995, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

2. Requirements for candidates applying to the ABEM for certification

The present requirement of 2 years of full-time, broad-based residency training in pediatric emergency medicine will continue for a resident entering training on or after January 1, 1995. The following must be accomplished to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training; he/she must pass the subspecialty certifying examination. A resident beginning training after January 1, 1995, may complete the required training on a part-time basis not to exceed 4 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric emergency medicine training programs that are operated in association with general comprehensive pediatric residency programs accredited by the ACGME (hereafter, the RRC) or by the RCPSA are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP or the ABEM.

No credit will be given for subspecialty training during the core residency.

An applicant may not apply for the same training period toward fulfillment of requirements of two different certifying subboards.

#### B. Dual Certification

A candidate who is certified by ABP and ABEM may apply via this pathway. A candidate who has completed training to meet the certification requirements of ABP and ABEM before January 1, 1999, may apply via this pathway.

#### C. Pediatric Emergency Medicine Practice

A candidate who has had broad-based and clearly focused experience in pediatric emergency medicine may apply via the practice pathway. The applicant must fulfill all of the following

1. Professional activities spent in the practice of pediatric emergency medicine for a period of 60 months, and totaling a minimum of 6,000 hours, clearly focused on the care of patients in the pediatric age group (21 years of age) in the emergency department (ED). A clear professional and clinical commitment to the practice of pediatric emergency medicine must be demonstrated.
2. Of the 6,000 hours, 2,800 hours must have been accrued in a 24-month (maximum) consecutive period of time to demonstrate a clear professional focus and intensity exclusively in the practice of pediatric emergency medicine.

3. A minimum of 4,000 of the 6,000 hours must have been spent in the clinical practice of pediatric emergency medicine. If the candidate practices in a general ED, only time spent exclusively in pediatric care can be used for credit.
4. The remaining 2,000 hours may be spent in either clinical care or a mixture of related nonclinical activities clearly focused on pediatric emergency medicine including administration, teaching, prehospital care, quality assurance or quality improvement, research, or other academic activities.
5. Practice time shall have occurred in a hospital-based ED, with the following characteristics
  - a. The ED must provide a patient mix of minor-major medical and traumatic conditions.
  - b. The ED must be a formal component of the Emergency Medical Services system for pediatric patients.
  - c. The ED must provide triage and initial stabilization of all presenting conditions.
  - d. The ED must provide 24-hour-a-day full-time physician coverage.
  - e. The ED should have a minimum of 15,000 nonscheduled pediatric patient visits per year.
6. The physician must be physically present in the ED, and available and responsible for clinical patient care. Hours spent in an "on call" arrangement are not acceptable.
7. Practice time must have occurred in the United States, or its territories, or in Canada. Military practice time must have occurred in accredited US military hospitals. Practices occurring outside these locations will not be accepted. Specifically, practice time at a freestanding emergency facility will not be accepted for fulfillment of the eligibility requirements.
8. For nonclinical practice pathway credit, the candidate may count nonclinical time devoted to pediatric emergency medicine. Specific documentation of the actual nature of the nonclinical time will be required.
9. Applicants seeking certification in more than one subspecialty, on the basis of practice alone, may not apply the same practice period toward fulfillment of the requirements of two different certifying subboards.
10. Practice time need not be continuous. However, all practice time shall have occurred in the 7-year interval before application for certification and before July 1, 1996.

#### **D. Subspecialty Residency Training Plus Practice**

A combination of training and practice experience may be utilized to fulfill eligibility requirements. The combination must equal 60 months and 6,000 hours. Credit for partial training will be given as follows:

1. An applicant who has completed 1 to 11 months of subspecialty residency training in pediatric emergency medicine will receive practice credit on a month-to-month basis. Each month of subspecialty training in pediatric emergency medicine credited toward practice will be counted as 100 hours toward the 6,000 hours minimal requirement.
2. An applicant who has completed 12 to 23 months of subspecialty residency training in pediatric emergency medicine will receive practice credit on a 2-for-1 basis. Each month of subspecialty training in pediatric emergency medicine credited toward practice will be counted as 200 hours toward the 6,000 hours minimal requirement.
3. No credit for partial training will be given for training beginning on or after January 1, 1995.
4. The 60 months of combination training and practice credit must be accrued during a 7-year interval before application for certification and before July 1, 1996.

## **II. Verification of Training and Practice**

1. For a candidate utilizing the subspecialty residency training route, a Verification of Competence Form(s) from the director(s) of the applicant's pediatric emergency medicine training program(s) is required.
2. For a candidate utilizing the dual certification pathway, the certificate number and year of certification for each board must be provided.
3. For a candidate utilizing the practice pathway, an Evaluation Form will be required from either the pediatric emergency medicine program director, the pediatric department chairman or the chief of pediatrics, or the emergency department chairman or chief of emergency medicine in the hospital where the practice experience occurred.
4. For a candidate utilizing the subspecialty training plus practice pathway, both a Verification of Competence Form(s) from the pediatric emergency medicine program and an Evaluation Form(s) will be required.

Certification shall be time-limited for the length of years that the primary board currently grants certification, 7 years for ABP and 10 years for ABEM.

## **III. Description of the Institution/Emergency Department, and Procedures Experience**

1. The individual(s) responsible for completion of the Verification of Competence Form(s) or the Evaluation Form(s) must provide a description of the institution and the ED.
2. The applicant must complete a "Procedures for Pediatric Emergency Medicine" form with the application.

## **IV. Accredited Training**

At the present time, the RRC has not begun the process of accrediting training programs in pediatric emergency medicine. A resident entering subspecialty training in pediatric emergency medicine before completion of the accreditation process by the RRC is advised to enter those programs in which the director or senior faculty of the program is certified in pediatric emergency medicine by the ABP and/or ABEM or possesses equivalent credentials.

## **Eligibility Criteria for Certification in Pediatric Endocrinology**

The ABP has established a procedure for certification in pediatric endocrinology. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

### **I. Admission Requirements**

A subspecialty resident (hereafter, resident or trainee) who entered pediatric endocrinology before January 1, 1987, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric endocrinology.

Three years of full-time, broad-based subspecialty residency training in pediatric endocrinology is required of a resident entering training on or after January 1, 1988, in a program accredited by the ACGME (hereafter, the RRC) or the RCPS. The period of training must be at least 33 months for those entering training on or after January 1, 1988. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric endocrinology training on or after January 1, 1988, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating

satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1988, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric endocrinology training programs that are operated in association with general comprehensive pediatric residency programs accredited by the RRC or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

## II. Dual Subcertification in Endocrinology (Internal Medicine and Pediatrics)

The Subboard of Pediatric Endocrinology has established the following requirements for individuals who are graduates of combined training programs in general internal medicine and general pediatrics.

1. The applicant must have at least 1 year of broad-based clinical pediatric endocrinology training.
2. The applicant must have a minimum of 1 year of research training related to pediatric endocrinology. The setting for the research training should be one that is most suitable for the applicant's interest.
3. In order to become certified in the subspecialty, the following must be accomplished by a subspecialty resident: a Verification of Competence Form must be completed by the program director(s) in pediatrics and internal medicine stating satisfactory completion of the required training, as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. No credit toward subspecialty qualification will be allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL 1, 2, 3).
4. An applicant interested in certification in endocrinology in internal medicine should contact the ABIM.
5. The total length of training leading to dual subcertification must be at least 4 years in duration.
6. An applicant may not take the certifying examination of the ABP until all training has been completed.

## Eligibility Criteria for Certification in Pediatric Gastroenterology

The ABP has established a procedure for certification in pediatric gastroenterology. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

### I. Admission Requirements

For admission to the examination, an applicant must have completed one of the following to qualify:

#### A. Training

A subspecialty resident (hereafter, resident or trainee) who entered pediatric gastroenterology training before January 1, 1990, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric gastroenterology.

Three years of full-time, broad-based subspecialty residency training in pediatric gastroenterology is required of a resident entering training on or after January 1, 1990. The period of training must be at least 33 months for those entering training on or after January 1, 1990. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric gastroenterology training on or after January 1, 1990, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1990, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric gastroenterology training programs that are operated in association with general comprehensive pediatric residency programs accredited by the ACGME (hereafter, the RRC) or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

For an individual using the pediatric gastroenterology residency training route (A), Verification of Competence Form(s) will be required from the director(s) of the resident's pediatric gastroenterology training program(s).

#### B. Practice Experience

Five years of broad-based practice experience in pediatric gastroenterology is required. Broad-based pediatric gastroenterology is defined as encompassing the majority of the clinical components, which are a modification of the guidelines for subspecialty training in gastroenterology published in 1980 by the Committee on Training and Education of the American Gastroenterological Association (Winship DH, Grand RJ, Gray G, et al: Guidelines for subspecialty training in gastroenterology. *Gastroenterology* 1980; 79:955-957). This modification was published in *Gastroenterology* 1987;93:432-433 (Motil KJ, et al). A minimum of 50% of full-time professional activity must be spent in the practice of pediatric gastroenterology to receive credit. It is assumed that night and weekend time would be distributed in the same manner as regular time. These 5 years should be of such type and quality that they substitute for the clinical exposure one might have encountered during subspecialty residency training. All pediatric gastroenterology experience must be accrued before December 31, 1994. No foreign pediatric gastroenterology experience will be accepted by the Credentials Committee in fulfillment of the requirements.

For an individual utilizing the pediatric gastroenterology practice experience route (B), Evaluation Form(s) will be required from the

pediatric gastroenterology program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now, or has been, practicing pediatric gastroenterology.

### C. Combined Partial Training and Practice

Subspecialty residency training/pediatric gastroenterology practice experience equal to 5 years as outlined in either of the methods below

1. A resident completing less than 12 months of subspecialty residency training in pediatric gastroenterology may receive practice credit on a month-for-month basis. For example, a 9-month subspecialty residency would be credited for 9 months of experience; this, added to 4 years and 3 months of pediatric gastroenterology experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1994.
2. A resident completing 12 to 23 months of subspecialty residency training in pediatric gastroenterology may receive credit on a two-for-one basis. For example, an 18-month subspecialty residency would be credited for 36 months of experience; this, added to 24 months of pediatric gastroenterology experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1994. No credit for partial training will be given for a subspecialty resident who began training on or after January 1, 1990.

For an individual utilizing the combination subspecialty residency training/pediatric gastroenterology practice experience route (C), a Verification Form(s) will be required from the director(s) of the applicant's pediatric gastroenterology training program(s) and an Evaluation Form(s) will be required from the pediatric gastroenterology program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now or has been practicing pediatric gastroenterology.

The completed Verification and Evaluation Forms should be sent directly to the ABP.

### II. Dual Subcertification in Gastroenterology (Internal Medicine and Pediatrics)

The Subboard of Pediatric Gastroenterology has established the following requirements for individuals who are graduates of combined training programs in general internal medicine and general pediatrics.

1. The applicant must have at least 1 year of broad-based clinical pediatric gastroenterology training.
2. The applicant must have a minimum of 1 year of research training related to pediatric gastroenterology. The setting for the research training should be one that is most suitable for the applicant's interest.
3. In order to become certified in the subspecialty, the following must be accomplished by a subspecialty resident: a Verification of Competence Form must be completed by the program director(s) in pediatrics and internal medicine stating satisfactory completion of the required training, as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. No credit toward subspecialty qualification will be allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL 1, 2, 3).
4. An applicant interested in certification in gastroenterology in internal medicine should contact the ABIM.
5. The total length of training leading to dual subcertification must be at least 4 years in duration.

6. An applicant may not take the subspecialty certifying examination of the ABP until all training has been completed.

### III. Accredited Training

The RRC has begun the process of accrediting training programs in pediatric gastroenterology. A resident entering subspecialty training in pediatric gastroenterology before completion of the accreditation process by the RRC is advised to enter those programs in which the director or senior faculty of the program is certified in pediatric gastroenterology or possesses equivalent credentials.

### Eligibility Criteria for Certification in Pediatric Hematology-Oncology

The ABP has established a procedure for certification in pediatric hematology-oncology. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

#### I. Admission Requirements

A subspecialty resident (hereafter, resident or trainee) who entered pediatric hematology-oncology training before January 1, 1986, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric hematology-oncology.

Three years of full-time, broad-based subspecialty residency training in pediatric hematology-oncology is required of a resident entering training on or after January 1, 1986, in a program accredited by the ACGME (hereafter, the RRC) or the RCPSC. The period of training must be at least 33 months for those entering training on or after January 1, 1986. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric hematology-oncology training on or after January 1, 1988, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1988, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric hematology-oncology training programs that are operated in association with general comprehensive pediatric residency programs accredited by the RRC or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

#### II. Dual Subcertification in Hematology-Oncology (Internal Medicine and Pediatrics)

There is no change in the usual training requirements in pediatric hematology-oncology for graduates of combined Medicine/Pediatric programs.

## Eligibility Criteria for Certification in Pediatric Infectious Diseases

The ABP has established a procedure for certification in pediatric infectious diseases. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

### I. Admission Requirements

For admission to the examination, an applicant must have completed one of the following to qualify

#### A. Training

A subspecialty resident (hereafter, resident or trainee) entering pediatric infectious diseases training before January 1, 1995, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric infectious diseases.

Three years of full-time, broad-based subspecialty residency training in pediatric infectious diseases is required of a resident entering training on or after January 1, 1995. The period of training must be at least 33 months for those entering training on or after January 1, 1995. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident beginning pediatric infectious diseases training on or after January 1, 1995, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. Verification of meaningful accomplishment in research will not be required for individuals who began training before January 1, 1995.

A resident beginning part-time training after January 1, 1995, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric infectious diseases training programs that are operated in association with general comprehensive pediatric residency programs accredited by the ACGME (hereafter, the RRC) or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

For an individual using the pediatric infectious diseases residency training route (A), Verification of Competence Form(s) will be required from the director(s) of the resident's pediatric infectious diseases training program(s).

#### B. Practice Experience

Five years of broad-based practice experience in pediatric infectious diseases is required. A minimum of 50 percent of full-time professional activity must have been spent in the practice of pediatric infectious diseases to receive credit. It is assumed that night and weekend time would be distributed in the same manner as regular time. These 5 years should be of such type and quality that they substitute for the clinical exposure one might have encountered during

subspecialty residency training. All pediatric infectious diseases experience must be accrued by December 31, 1998. No foreign pediatric infectious diseases experience will be accepted by the Credentials Committee in fulfillment of the requirements.

For an individual utilizing the pediatric infectious diseases practice experience route (B), Evaluation Form(s) will be required from the pediatric infectious diseases program director (if there is a subspecialty training program), or the pediatric department chairman, or the chief of pediatrics in the hospital(s) where the applicant is now, or has been, practicing pediatric infectious diseases.

#### C. Combined Partial Training and Practice

Subspecialty residency training/pediatric infectious diseases practice experience to equal 5 years as outlined in either of the methods below

1. A resident completing less than 12 months of subspecialty residency training in pediatric infectious diseases may receive practice credit on a month-for-month basis. For example, a 9-month subspecialty residency would be credited for 9 months of experience; this, added to 4 years and 3 months of pediatric infectious diseases experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1998.
2. A resident completing 12 to 23 months of subspecialty residency training in pediatric infectious diseases may receive credit on a two-for-one basis. For example, an 18-month subspecialty residency would be credited for 36 months of experience; this, added to 24 months of pediatric infectious diseases experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1998. No credit for partial training will be given for a subspecialty resident who begins training on or after January 1, 1995.

For an individual utilizing the combination subspecialty residency training/pediatric infectious diseases practice experience route (C), a Verification Form(s) will be required from the director(s) of the applicant's pediatric infectious diseases training program(s) and an Evaluation Form(s) will be required from the pediatric infectious diseases program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now or has been practicing pediatric infectious diseases.

The completed Verification and Evaluation Forms should be sent directly to the ABP.

### II. Dual Subcertification in Infectious Diseases (Internal Medicine and Pediatrics)

The Subboard of Pediatric Infectious Diseases has established the following requirements for individuals who are graduates of combined training programs in general internal medicine and general pediatrics.

1. The applicant must have at least 1 year of broad-based clinical pediatric infectious diseases training.
2. The applicant must have a minimum of 1 year of research training related to pediatric infectious diseases. The setting for the research training should be one that is most suitable for the applicant's interest.
3. In order to become certified in the subspecialty, the following must be accomplished by a subspecialty resident: a Verification of Competence Form must be completed by the program director(s) in pediatrics and internal medicine stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. No credit toward subspecialty qualification will be

allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL 1, 2, 3).

4. An applicant interested in certification in infectious diseases in internal medicine should contact the ABIM.
5. The total length of training leading to dual subcertification must be at least 4 years in duration.
6. An applicant may not take the subspecialty certifying examination of the ABP until all training has been completed.

The same requirements are necessary for a resident who begins pediatric infectious diseases training before January 1, 1995, except for the following: (a) meaningful accomplishment in research is not required; or (b) the total length of training leading to dual certification must be at least 3 years in duration.

**III. Accredited Training**

At the present time, the RRC has not begun the process of accrediting training programs in pediatric infectious diseases. A resident entering subspecialty training in pediatric infectious diseases before completion of the accreditation process by the RRC is advised to enter those programs in which the director or senior faculty of the program is certified in pediatric infectious diseases by the ABP or possesses equivalent credentials.

**Eligibility Criteria for Certification in Medical Toxicology**

The American Board of Pediatrics (ABP) in collaboration with the American Boards of Emergency Medicine and Preventive Medicine will offer a certification of added qualification in Medical Toxicology. This document provides the requirements of the ABP.<sup>5</sup>

**Admission Requirements**

**A. Certification by the American Board of Pediatrics (ABP)**

An applicant must take and pass the certifying examination in general pediatrics before being permitted to take a pediatric subspecialty certifying examination. However, the application for the subspecialty certifying examination may be submitted before taking the certifying examination in general pediatrics.

**B. Licensure**

An applicant must have a valid, unrestricted license to practice medicine in any of the states, districts or territories of the United States or provinces of Canada or have unrestricted privileges to practice medicine in the US Armed Forces. A copy of the unrestricted license must accompany the application material.

**C. Pathways**

For admission to the certification examination in medical toxicology, the diplomate must have completed one of four eligibility pathways. The pathways are: (A) Medical Toxicology Training; (B) Diplomate of American Board of Medical Toxicology (ABMT); (C) Medical Toxicology Practice; (D) Medical Toxicology Training Plus Practice.

**1. Medical Toxicology Subspecialty Training Pathway**

A diplomate must complete an acceptable subspecialty residency in medical toxicology of 24 months' duration. The training program should be sponsored by and be based within a reasonable geographical proximity of an accredited residency program in emergency medicine, pediatrics, preventive medicine, or any combination of these programs. An institution is discouraged from sponsoring more than one accredited medical toxicology program.

The diplomate must satisfactorily complete the subspecialty training by the date of the examination.

Applicants seeking certification in more than one subspecialty on the basis of training may not apply the same training period toward fulfillment of requirements of more than one specialty or subspecialty.

The ABP will request verification of subspecialty training directly from the program director.

**2. Diplomate of ABMT Pathway**

ABMT diplomates who are also diplomates of an ABMS board may apply.

On June 30, 1999, the ABMT pathway will expire. To apply under the ABMT pathway an applicant must have fulfilled the requirements of this pathway by that date.

**3. Medical Toxicology Practice Pathway**

The practice pathway is available to physicians who, through study and focused practice experience, have developed qualifications in medical toxicology. The criteria for this category consist of all of the following

- a. During a minimum of 60 months, which must have occurred during the most recent 7 years prior to the date the application is submitted, the applicant (a) must show a demonstrated commitment to teaching, scholarly activities, research, or administration and patient care in the specialty of medical toxicology, and (b) must accumulate a minimum of 2,500 hours of direct patient care activities.

Direct patient care activities include primary or consultative care, exposure evaluation, screening and preventive services, and epidemiologic and health investigations. Telephone consultations are not considered a direct patient care activity.

- b. Documented affiliation and activity with a poison center certified by the American Association of Poison Control Centers or the Canadian Association of Poison Control Centers, or its equivalent.

Applicants seeking certification in more than one specialty or subspecialty may not apply the same practice hours toward fulfillment of the requirements of more than one certifying specialty or subspecialty.

On June 30, 1999, the practice pathway will expire. To apply under the practice pathway an applicant must have fulfilled the requirements of the practice pathway by that date.

For each medical toxicology activity submitted to fulfill the eligibility criteria, a verification form must be completed. The verification forms are included with the application material, and it is the applicant's responsibility to provide the form to the appropriate individual for completion and return to the ABP office.

**4. Medical Toxicology Training Plus Practice Pathway**

A combination of training and practice experience may be utilized to fulfill the eligibility requirements of the practice pathway of application. This pathway will be utilized by physicians who have completed less than 2 years in a medical toxicology training program, and/or have preceptorship training in medical toxicology and who have maintained a medical toxicology practice as outlined in Pathway C, above.

Practice credit may be granted for partially completed subspecialty training or preceptorship training. The combination for training credit and medical toxicology practice must equal the requirements of the practice category of application (see Section C, items 1 and 2).

An applicant who has completed 1-11 months of subspecialty training in medical toxicology will receive practice credit toward the 60-month requirement on a month-for-month basis. An applicant who has completed 12-23 months of acceptable subspecialty

5. A candidate who has a primary certificate from one of the other three Boards should contact that Board office for its eligibility criteria.



training in medical toxicology will receive practice credit toward the 60-month requirement on a two-for-one basis for each month of training completed.

Preceptorship training will be reviewed for possible practice credit toward the 60-month requirement on a month-for-month basis, up to a maximum of 24 months' credit.

Patient care hours accumulated during the subspecialty training and/or preceptorship will be reviewed for credit on an hour-for-hour basis toward fulfilling the minimum 2,500-hour direct patient care requirement.

On June 30, 1999, the medical toxicology training plus practice pathway will expire. To apply under this pathway, an applicant must have fulfilled the requirements of the practice pathway by that date.

### Eligibility Criteria for Certification in Neonatal-Perinatal Medicine

The ABP has established a procedure for certification in neonatal-perinatal medicine. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

#### Admission Requirements

A subspecialty resident (hereafter, resident or trainee) who entered neonatal-perinatal medicine training before January 1, 1989, may apply for admission on the basis of completion of 2 years of subspecialty residency training in neonatal-perinatal medicine. Only those programs that are a part of an institution that offers residency or fellowship training in obstetrics and gynecology, and include experience in fetal-maternal-perinatal medicine will be considered.

Three years of full-time, broad-based subspecialty residency training in neonatal-perinatal medicine is required of a resident entering training on or after January 1, 1989, in a program accredited by the ACGME (hereafter, the RRC) or the RCPSC. The period of training must be at least 33 months for those entering training on or after January 1, 1989. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began neonatal-perinatal medicine training on or after January 1, 1989, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1989, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those neonatal-perinatal medicine training programs that are operated in association with general comprehensive pediatric residency programs accredited by the RRC or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

### Eligibility Criteria for Certification in Pediatric Nephrology

The ABP has established a procedure for certification in pediatric nephrology. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

#### I. Admission Requirements

A subspecialty resident (hereafter, resident or trainee) who entered pediatric nephrology training before January 1, 1987, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric nephrology.

Three years of full-time, broad-based subspecialty residency training in pediatric nephrology is required of a resident entering training on or after January 1, 1987, in a program accredited by the ACGME (hereafter, the RRC) or the RCPSC. The period of training must be at least 33 months for those entering training on or after January 1, 1987. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric nephrology training on or after January 1, 1988, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1988, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric nephrology training programs that are operated in association with general comprehensive pediatric residency programs accredited by the RRC or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

#### II. Dual Subcertification in Nephrology (Internal Medicine and Pediatrics)

The Subboard of Pediatric Nephrology has established the following requirements for individuals who are graduates of combined training programs in general internal medicine and general pediatrics.

1. The applicant must have at least 1 year of broad-based clinical pediatric nephrology training.
2. The applicant must have a minimum of 1 year of research training related to pediatric nephrology. The setting for the research training should be one that is most suitable for the applicant's interest.
3. In order to become certified in the subspecialty, the following must be accomplished by a subspecialty resident: a Verification of Competence Form must be completed by the program director(s) in pediatrics and internal medicine stating satisfactory completion of the required training, as well as verification of clinical competence and meaningful accomplishment in re-

search; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. No credit toward subspecialty qualification will be allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL 1, 2, 3).

4. An applicant interested in certification in nephrology in internal medicine should contact the ABIM.
5. The total length of training leading to dual subcertification must be at least 4 years in duration.
6. An applicant may not take the certifying examination of the ABP until all training has been completed.

### Eligibility Criteria for Certification in Pediatric Pulmonology

The ABP has established a procedure for certification in pediatric pulmonology. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

#### I. Admission Requirements

For admission to the examination, an applicant must have completed one of the following to qualify:

- A. A subspecialty resident (hereafter, resident or trainee) who entered pediatric pulmonology training before January 1, 1986, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric pulmonology.

Three years of full-time, broad-based subspecialty residency training in pediatric pulmonology is required of a resident entering training on or after January 1, 1986, in a program accredited by the ACGME (hereafter, the RRC) or the RCPSC. The period of training must be at least 33 months for those entering training on or after January 1, 1986. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric pulmonology training on or after January 1, 1988, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1988, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric pulmonology training programs that are operated in association with general comprehensive pediatric residency programs accredited by the RRC or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

- B. A resident who is certified by the ABP in pediatric critical care medicine in 1994 or thereafter may be admitted to the examination with 2 years of accredited subspecialty training in pediatric

pulmonology. At least 1 year must be in broad-based clinical training

#### II. Dual Subcertification in Pulmonology (Internal Medicine and Pediatrics)

The Subboard of Pediatric Pulmonology has established the following requirements for individuals who are graduates of combined training programs in general internal medicine and general pediatrics.

1. The applicant must have at least 1 year of broad-based clinical pediatric pulmonology training.
2. The applicant must have a minimum of 1 year of research training related to pediatric pulmonology. The setting for the research training should be one that is most suitable for the applicant's interest.
3. In order to become certified in the subspecialty, the following must be accomplished by a subspecialty resident: a Verification of Competence Form must be completed by the program director(s) in pediatrics and internal medicine stating satisfactory completion of the required training, as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. No credit toward subspecialty qualification will be allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL 1, 2, 3).
4. An applicant interested in certification in pulmonology in internal medicine should contact the ABIM.
5. The total length of training leading to dual subcertification must be at least 4 years in duration.
6. An applicant may not take the certifying examination of the ABP until all training has been completed.

#### III. Subcertification in Pediatric Pulmonology and Allergy/Immunology

The intent of this route is to outline a mechanism whereby residents already certified in pediatrics may qualify for subcertification in both pediatric pulmonology and allergy/immunology in a shorter total period of time than that presently required (3 years' pediatric pulmonology plus 2 years' allergy/immunology). This can be accomplished by successfully completing research training relating to the requirements of both the Subboard of Pediatric Pulmonology and the Conjoint Board of Allergy/Immunology.

The total training program would require no less than 4 years (48 months) with at least 1 year spent in clinical pulmonology training and 1 year in clinical training for allergy/immunology. The minimal research requirement is 12 months in an environment and project relevant to both pulmonology and allergy/immunology. The fourth year would be spent in training acceptable to the Subboard of Pediatric Pulmonology and may be in clinical training or relevant additional research training.

1. Training in pediatric pulmonology may precede or follow training in allergy/immunology.
2. The candidate must train in pediatric pulmonology and allergy/immunology programs accredited by the RRC; the two programs do not necessarily have to be at the same institution. The research project selected by the trainee must be discussed with and approved by both training program directors.
3. The trainee must supply written details of any research project for which he/she plans to seek joint approval of both the Subboard of Pediatric Pulmonology and the Conjoint Board of Allergy/Immunology before or early in the course of his/her first year in a subspecialty program. The Subboard and Conjoint Board, in turn, will provide a preliminary written opinion to the trainee concern-

ing the acceptability of the research project. This early approval is no guarantee of acceptance of the final research product.

- The trainee is required to satisfy the General and Special Requirements for the Subboard and Conjoint Board as listed in the *Graduate Medical Education Directory*. Final admission to either certification examination is granted by the Credentials Committees after completion of training, fulfillment of the research competence requirements, and review of all application materials submitted by the candidate.

### Eligibility Criteria for Certification in Pediatric Rheumatology

The ABP has established a procedure for certification in pediatric rheumatology. In addition to the specific admission requirements listed below, there are general eligibility criteria that must be fulfilled to be eligible for certification. A copy of the general eligibility criteria is available upon request to the ABP.

#### I. Admission Requirements

For admission to the examination, an applicant must have completed one of the following to qualify

##### A. Training

A subspecialty resident (hereafter, resident or trainee) who entered pediatric rheumatology training before January 1, 1992, may apply for admission on the basis of completion of 2 years of subspecialty residency training in pediatric rheumatology.

Three years of full-time, broad-based subspecialty residency training in pediatric rheumatology is required of a resident entering training on or after January 1, 1992. The period of training must be at least 33 months for those entering training on or after January 1, 1992. Extended absences, whether for vacation, maternity leave, illness, etc, must be made up. If the program director believes that an extended absence of more than 3 months is justified, a letter of explanation should be sent by the director for review by the Credentials Committee.

For a resident who began pediatric rheumatology training on or after January 1, 1992, the following must be accomplished in order to become certified in the subspecialty: a Verification of Competence Form must be completed by the program director(s) stating satisfactory completion of the required training as well as verification of clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination.

A resident beginning part-time training after January 1, 1992, may complete the required training on a part-time basis not to exceed 6 years. No continuous absence of more than 1 year will be permitted.

Only those pediatric rheumatology training programs that are operated in association with general comprehensive pediatric residency programs accredited by the ACGME (hereafter, the RRC) or by the RCPSC are acceptable. All subspecialty training must be completed in the United States or Canada, unless the Credentials Committee of the Subboard has given approval for foreign subspecialty training to an applicant before he/she enrolls in such a program. An applicant wishing to obtain such approval should contact the ABP.

No credit will be given for subspecialty training during the core residency.

For an individual using the pediatric rheumatology residency training route (A), Verification of Competence Form(s) will be required from the director(s) of the resident's pediatric rheumatology training program(s).

##### B. Practice Experience

Five years of broad-based practice experience in pediatric rheumatology is required. A minimum of 50 percent of full-time professional activity must be spent in the practice of pediatric rheumatology to receive credit. It is assumed that night and weekend time would be distributed in the same manner as regular time. These 5 years should be of such type and quality that they substitute for the clinical exposure one might have encountered during subspecialty residency training. All pediatric rheumatology experience must be accrued before December 31, 1996. No foreign pediatric rheumatology experience will be accepted by the Credentials Committee in fulfillment of the requirements.

For an individual utilizing the pediatric rheumatology practice experience route (B), an Evaluation Form(s) will be required from the pediatric rheumatology program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now or has been practicing pediatric rheumatology.

##### C. Combined Partial Training and Practice

Subspecialty residency training/pediatric rheumatology practice experience to equal 5 years as outlined in either of the methods below

- A resident completing less than 12 months of subspecialty residency training in pediatric rheumatology may receive practice credit on a month-for-month basis. For example, a 9-month subspecialty residency would be credited for 9 months of experience; this, added to 4 years and 3 months of pediatric rheumatology experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1996.
- A resident completing 12 to 23 months of subspecialty residency training in pediatric rheumatology may receive credit on a two-for-one basis. For example, an 18-month subspecialty residency would be credited for 36 months of experience; this, added to 24 months of pediatric rheumatology experience would total 60 months or 5 years. These 5 years must be accrued before December 31, 1996. No credit for partial training will be given for a subspecialty resident who began training on or after January 1, 1992.

For an individual utilizing the combination subspecialty residency training/pediatric rheumatology practice experience route (C), a Verification Form(s) will be required from the director(s) of the applicant's pediatric rheumatology training program(s) and an Evaluation Form(s) will be required from the pediatric rheumatology program director (if there is a subspecialty training program) or the pediatric department chairman or the chief of pediatrics in the hospital(s) where the applicant is now or has been practicing pediatric rheumatology.

The completed Verification and Evaluation Forms should be sent directly to the ABP.

#### II. Dual Subcertification in Rheumatology (Internal Medicine and Pediatrics)

The Subboard of Pediatric Rheumatology has established the following requirements for individuals who are graduates of combined training programs in general internal medicine and general pediatrics.

- The applicant must have at least 1 year of broad-based clinical pediatric rheumatology training.
- The applicant must have a minimum of 1 year of research training related to pediatric rheumatology. The setting for the research training should be one that is most suitable for the applicant's interest.
- In order to become certified in the subspecialty, the following must be accomplished by a subspecialty resident: a Verification of Competence Form must be completed by the program director(s) in pediatrics and internal medicine stating satisfactory completion of the required training, as well as verification of

clinical competence and meaningful accomplishment in research; the resident must meet the criteria as stated in the "Principles Regarding the Assessment of Meaningful Accomplishment in Research"; and he/she must pass the subspecialty certifying examination. No credit toward subspecialty qualification will be allowed for elective time spent in subspecialty areas during the usual general pediatric residency years (PL 1, 2, 3).

4. An applicant interested in certification in rheumatology in internal medicine should contact the ABIM.
5. The total length of training leading to dual subcertification must be at least 4 years in duration.
6. An applicant may not take the subspecialty certifying examination of the ABP until all training has been completed.

### III. Accredited Training

At the present time, the RRC has not begun the process of accrediting training programs in pediatric rheumatology. A resident entering subspecialty training in pediatric rheumatology before completion of the accreditation process by the RRC is advised to enter those programs in which the director or senior faculty of the program is certified in pediatric rheumatology or possesses equivalent credentials.

### Eligibility Criteria for Certification in Sports Medicine

The American Board of Pediatrics (ABP) in collaboration with the American Boards of Family Practice, Internal Medicine, and Emergency Medicine will offer a certificate of added qualification in Sports Medicine. This document provides the requirements of the ABP.<sup>6</sup>

#### Admission Requirements

##### A. Certification by the American Board of Pediatrics (ABP)

An applicant must take and pass the certifying examination in general pediatrics before being permitted to take a pediatric subspecialty certifying examination. However, the application for the subspecialty certifying examination may be submitted before taking the certifying examination in general pediatrics.

##### B. Licensure

An applicant must have a valid, unrestricted license to practice medicine in any of the states, districts, or territories of the United States or provinces of Canada or have unrestricted privileges to practice medicine in the US Armed Forces. A copy of the unrestricted license must accompany the application material.

##### C. Training or Practice Experience

For admission to the examination, an applicant must have completed one of the following to qualify:

###### 1. Training

An applicant must have completed a minimum of 1 year in a sports medicine training program that is associated with an accredited residency program in Family Practice, Emergency Medicine, Internal Medicine, or Pediatrics.

A Verification of Competence Form must be completed by the program director stating satisfactory completion of the required training as well as verification of clinical competence. The ABP will send this form to the program director for completion.

###### 2. Practice Experience

Five years of practice experience in sports medicine is required. This experience must consist of at least 20% of total professional time devoted to sports medicine. The activities that qualify a candidate are one or more of the following<sup>7</sup>

- a. Field supervision of athletes
- b. Emergency assessment and care of acutely injured athletes
- c. Diagnosis, treatment, management, and disposition of common sports injuries and illnesses
- d. Management of medical problems in the athlete
- e. Rehabilitation of the ill or injured athlete
- f. Exercise as treatment

Partial training in sports medicine, ie, less than 12 months, will be credited on a month-by-month basis as practice experience.

An Evaluation Form must be completed by an individual to verify that at least 20% of professional time is devoted to sports medicine in one or more of the six activities cited above. The form must be completed by a physician who is knowledgeable about the applicant's practice, such as the pediatric department chairman, the chief of pediatrics, chief of staff, or the medical director of a hospital where the applicant has admitting privileges. A partner or practice associate is not acceptable.

Practice experience accrued before 1987 will not be considered. All sports medicine experience must be accrued by June 30, 1999.

The deadline for an applicant choosing the practice experience route will be the 1999 examination.

The RRC currently reviews and accredits pediatric subspecialty programs in all the certified subspecialties except adolescent medicine, pediatric emergency medicine, pediatric infectious diseases and pediatric rheumatology. When the Special Requirements for Training Programs in these latter subspecialties have been approved, the RRC will accredit training programs in these fields. A list of accredited programs is published in the *Graduate Medical Education Directory*.

### 1995 Subspecialty Certifying Examinations

Certifying examinations in the following pediatric subspecialties will be given on the following dates:

- April 7
  - Sports Medicine
- August 8
  - Pediatric Endocrinology
  - Pediatric Gastroenterology
  - Pediatric Nephrology
- November 14
  - Neonatal-Perinatal Medicine

Contact the ABP for further information regarding these examinations.

### Certification in Allergy and Immunology

Certification in allergy and immunology is offered by the ABAI, a Conjoint Board of the ABP and the ABIM. For details, contact the ABAI, University City Science Center, 3624 Market St, Philadelphia, PA 19104.

6. A candidate who has a primary certificate from one of the other three Boards should contact that Board office for its eligibility criteria.

7. Further description of these activities will be included in the application material.

# American Board of Physical Medicine and Rehabilitation

Joel A DeLisa, MD, Chairman, Newark, New Jersey  
 Robert P Christopher, MD, Vice Chairman, Memphis, Tennessee  
 Murray E Brandstater, MD, Loma Linda, California  
 Gerald Felsenthal, MD, Baltimore, Maryland  
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 F Patrick Maloney, MD, North Little Rock, Arkansas  
 Malcolm C McPhee, MD, Scottsdale, Arizona  
 James R Swenson, MD, Salt Lake City, Utah  
 Nicolas E Walsh, MD, San Antonio, Texas  
 Joachim L Opitz, MD, Executive Director/Secretary, Rochester, Minnesota

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Physical Medicine and Rehabilitation to ascertain whether the information below is current.)*

## General Requirements for Certification

### A. Graduates of Educational Institutions in the United States or Canada

1. Graduation from a medical school approved by the Liaison Committee on Medical Education, or graduation from a Canadian medical school approved by the Canadian Medical Association, or graduation from an osteopathic medical school approved by the American Osteopathic Association.
2. Possession of a valid and unrestricted license to practice medicine or osteopathy in one or more of the 50 United States or Puerto Rico or licensure in Canada. Evidence of licensure or an acceptable equivalent must be submitted with application for certification examinations.
3. Satisfactory completion of the requirements of the Board for graduate education and experience in physical medicine and rehabilitation as set forth below.
4. Satisfactory compliance with rules and regulations of the Board pertaining to the completion and filing of the application for examination and the payment of required fees.

Note: For graduates from educational institutions in the United States or Puerto Rico not approved by the LCME, as of the year 2000 graduates from non-LCME approved medical schools in the United States or Puerto Rico must have passed the USMLE examinations.

### B. Graduates of Educational Institutions Not in the United States and Canada

1. Possession of a valid certificate from the Educational Commission for Foreign Medical Graduates (ECFMG) and, optionally, a certificate from the Federation Licensing Examination (FLEX) or the Fifth Pathway. International medical graduates (both aliens and US citizens) will be expected to complete the ECFMG examination format; Foreign Medical Graduate Examination in Medical Science (FMGEMS), including basic and clinical examinations; and, when indicated, English proficiency, or National Board of Medical Examiners Parts I, II, or the United States Medical Licensing Exam I, II. This is required by the Accreditation Council on Graduate Medical Education (ACGME) before a resident can enter accredited graduate medical education programs in the United States.

2. Possession of a valid and unrestricted license to practice medicine or osteopathy in one or more of the 50 United States or Puerto Rico or licensure in Canada. Evidence of licensure must be submitted with application for certification examinations.
3. Satisfactory completion of the Board's requirements for graduate education and experience in physical medicine and rehabilitation as set forth below.
4. Satisfactory compliance with rules and regulations of the Board pertaining to the completion and filing of the application for examination and the payment of required fees.

## Residency Training Requirements

Applicants for the certifying examinations must have satisfactorily completed 48 months of training in a physical medicine and rehabilitation residency approved by the ACGME on recommendation of the Residency Review Committee for Physical Medicine and Rehabilitation. The program must include 36 months of training in physical medicine and rehabilitation. Twelve of the 48 months of training should consist of a coordinated program of experience in fundamental clinical skills, which includes at least 6 months in family practice, internal medicine, pediatrics, general surgery, or a combination of these. The other 6 months of the year of experience may include no less than 1 month in any of the following more specific categories: cardiology, radiology, neurology, urology, rheumatology, nephrology, vascular medicine, pediatrics, pulmonary medicine, neurosurgery, orthopedic surgery, family practice, general surgery, general internal medicine, emergency medicine, psychiatry, oncology, critical care medicine, and anesthesiology. Training in the fundamental skills should be accomplished during the first half of the residency training program.

The program director and the credentials committee of the Board, at the beginning of the residency, will make the decision regarding the acceptability for credit for the 12 months of ACGME, Royal College of Physicians and Surgeons of Canada (RCPCSC), or AOA accredited training in fundamental clinical skills as described above.

This format is mandatory for all residents who enter training in 1985 or subsequently. In some instances, 36 months of physical medicine and rehabilitation residency may be acceptable on recommendation of the program director, with 1 year of credit being granted on the basis of prior residency training (see below under Credit for Other Specialty Training).

The training programs require that a significant amount of each resident's time be scheduled to provide for progressively increasing responsibilities in the direct clinical care of in- and outpatients. At least one-third, and not more than two-thirds, of a resident's experiences should be devoted to clinical care and management of rehabilitation of hospitalized patients. The resident may spend up to 6 months in pertinent supervised clinical or basic research.

Adequate training to achieve basic qualifications in electromyography and electrodiagnosis is essential. This includes achieving the ability to perform and interpret electromyographic and other electrodiagnostic evaluations such as nerve conduction studies and somatosensory evoked potentials. Experience with inpatient and outpatient pediatric rehabilitation is required.

Opportunities to achieve understanding of special aspects of rehabilitation of patients in pediatric and geriatric age groups should be included. Comprehensive management of spinal cord-injured patients is fundamental. Also, achieving abilities to evaluate, predict outcome in, and manage rehabilitation of patients with brain lesions is part of the basic residency. A wide variety of patients with musculoskeletal and neuromuscular problems, both acute and chronic, should be encountered. Principles involved in cardiac reha-

bilitation and sports medicine should be included. Psychosocial aspects of patients with disabilities require in-depth understanding.

### Credit for Other Specialty Training

Physicians who have had 1 year or more of residency training (up to and including certification) in a residency approved by the ACGME, by the RCPSC, or by the AOA in related relevant specialties including internal medicine, neurology, orthopedics, pediatrics, family practice, and surgery may receive up to 12 months of nonphysical medicine and rehabilitation training credit on recommendation of the program director and at the discretion of the Board. However, completion of 36 months of the physical medicine and rehabilitation training requirement in an ACGME-approved residency is mandatory.

No credit will be given toward shortening the basic required 4-year program for non-ACGME-approved residencies, fellowships, internships; for Fifth Pathway in a United States AMA-designated training institution; or for hospital house physician experience. No credit will be allowed for fellowships prior to or during residency training.

A resident entering or beginning the required 4-year program in physical medicine and rehabilitation with previous approved graduate training or educational experience may qualify for an institutional appointment at the second-year level. However, such an appointment may not be interpreted to mean that the resident is in the second year of a physical medicine and rehabilitation residency. All of the required training and experience as stated above must have been taken in the United States or Canada.

### Requirements for Admissibility to Part I of the Board Examination

To be admissible to Part I of the Board examination, candidates are required to complete satisfactorily at least 48 months of postgraduate residency training, of which at least 36 months are spent in supervised education and clinical practice in physical medicine and rehabilitation and 12 months in internal medicine or an acceptable alternative in an accredited training program. In line with the guidelines of the Board for clinical investigator training, 60 months of integrated physical medicine and rehabilitation and research training qualifies for admissibility to Part I of the certifying examinations.

Satisfactory completion of educational and training requirements in force at the beginning of the resident's training in an accredited program will be considered acceptable for application for admissibility to the certifying examination. Residents in approved physical medicine and rehabilitation training programs in Canada, on satisfactory completion of all the requirements for certification in that country, may apply for admissibility to Part I of the American Board of Physical Medicine and Rehabilitation's (ABPM&R) certifying examinations.

Final admissibility is contingent upon receipt of the final-year evaluation by the program director by May 1 in the examination year.

If a resident is placed on probationary status during the final year of his or her residency program, this status must be rescinded by the program director before May 1 for the resident to be admissible.

### Requirements for Admissibility to Part II of the Board Examination

At least a full year of clinical practice, fellowship, research, or a combination of these following completion of residency training is required. The clinical practice should provide evidence of professional, ethical, and humanistic standards attested to by two certi-

fied physiatrists in the local or regional area. In rare instances in which a physiatrist is not geographically available, two licensed physicians may support the candidate's application for Part II.

Alternately, a candidate may take Part I and II together if all residency training and the practice time requirements are completed. However, if the candidate fails Parts I, Part II will not count or be recognized in any way.

An optional fifth year in a physical medicine and rehabilitation residency, which includes at least 6 months of advanced clinical practice of physical medicine and rehabilitation with essentially full patient responsibility, and also includes teaching experience, plus opportunities for time in research or relevant clinical or basic science electives, may qualify such resident for admissibility to Part II of the certifying examinations upon the recommendation of the training program director. An optional fifth year may be valuable for those anticipating a full- or part-time academic career.

### Dual Specialty Certification

For those desiring to pursue integrated training and dual specialty certification, currently the Board will participate with the American Boards of Pediatrics, Internal Medicine, and Psychiatry and Neurology, provided there is completion of 36 months of accredited training in general comprehensive physical medicine and rehabilitation. The proposed program agreed to by the respective training program directors should be submitted by the program directors to both Boards for approval. Admissibility to Part I of the ABPM&R certification examinations may be sought during the last year of training.

A full year of clinical practice, fellowship, research, or a combination of these activities is required for admissibility to the Part II certifying examination in physical medicine and rehabilitation (PM&R). Preferably these activities would relate to the practice of PM&R and the other specialty.

Guidelines for residency training program directors interested in considering developing such a program are available through the ABPM&R office.

#### A. Special Agreement Between the American Board of Pediatrics and the American Board of Physical Medicine and Rehabilitation

There exists a special agreement between the American Board of Pediatrics (ABP) and the ABPM&R whereby a physician interested in pediatric rehabilitation can qualify for admission to the certifying examinations of both Boards. The individual residency curriculum must be submitted prospectively by the program directors to both Boards, at the latest at the end of the R-2 year, and may be designed to be completed in approximately 60 months. The nonphysical medicine and rehabilitation 12-month segment of the 4-year PM&R residency will be credited on the basis of satisfactory completion of the regular first year of pediatric residency.

The ABP requires a minimum of 36 months of general comprehensive pediatric training, with 6 months' credit for pediatric rehabilitation within the physical medicine and rehabilitation training. The ABPM&R requires a minimum of 36 months' accredited physical medicine and rehabilitation residency, with 6 months' credit for related rotations during the pediatric training. Six months of full-time equivalent (FTE) of pediatric rehabilitation is required. Twenty-four months of the 36 months' PM&R training must be in adult PM&R.

It is recommended that all training be completed at one academic institution, but any deviation will require prospective approval by both Boards. When two separate institutions are involved, there should be evidence of adequate coordination to provide an appropriate educational experience. Vacation is shared pro rata be-

tween the training time spent in pediatrics and physical medicine and rehabilitation.

### **B. Special Agreement Between the American Board of Internal Medicine and the American Board of Physical Medicine and Rehabilitation**

There exists a special agreement between the American Board of Internal Medicine (ABIM) and the ABPM&R whereby a prospective resident interested in dual specialty certification in internal medicine and in physical medicine and rehabilitation can qualify to apply for admission to the certifying examinations of each Board by satisfactory completion of a preplanned combined, integrated program, which could be designed to be completed in a minimum of 60 months.

The non-physical medicine and rehabilitation 12-month segment of the 48 months of physical medicine and rehabilitation residency concerned with basic fundamental clinical skills will be credited on the basis of satisfactory completion of the regular first year of internal medicine residency. In addition, the ABPM&R requires a minimum of 36 months of accredited PM&R residency, with 6 months' credit for internal medicine rotations in such areas as rheumatology, endocrinology, cardiovascular, or pulmonary subspecialties of internal medicine.

During the 30 months in physical medicine and rehabilitation, the resident must satisfactorily complete 24 months of hospital and outpatient clinical management of patients receiving physical medicine and rehabilitation services. Physical medicine and rehabilitation training includes basic and advanced knowledge of musculoskeletal and neuromuscular anatomy and physiology as related to kinesiology, exercise, and functional activities as well as to immobilization and inactivity. Applications and prescription of therapeutic exercise, orthotics, prosthetics, and assistive and supportive devices for ambulation and mobility are essential. The following segments of training in physical medicine and rehabilitation are also required: experience with inpatient or outpatient pediatric rehabilitation, adequate training to achieve basic qualifications in electromyography and electrodiagnosis, and opportunities to achieve understanding of special aspects of rehabilitation of patients in geriatric age groups.

The ABPM&R requirement for 12 months of clinical practice, fellowship, research, or a combination of these activities for admissibility to Part II of its Board examination can be met by documented evidence that at least 50% of the time is devoted to physical medicine and rehabilitation.

The 3-year internal medicine residency requirements are in part met by ABIM, recognizing 6 months' credit for physical medicine and rehabilitation residency training involving physical medicine and rehabilitation management of patients with internal medicine-related problems such as occur in those with various rheumatologic, cardiovascular, pulmonary, stroke, and oncologic conditions.

It is recommended that all training be completed at one academic institution; however, any deviation will require prospective approval by both Boards. Before the end of the R-2 level of training in either specialty, each Board would prospectively approve detailed curricular plans for a given trainee submitted by the two program directors. When two separate institutions are involved, there should be evidence of adequate coordination to provide an appropriate educational experience. Vacation is shared pro rata between the training time spent in internal medicine and in physical medicine and rehabilitation.

### **C. Special Agreement Between the American Board of Psychiatry and Neurology and the American Board of Physical Medicine and Rehabilitation**

The American Board of Psychiatry and Neurology (ABPN) and the ABPM&R have approved the proposal that residents interested in dual certification in neurology and in physical medicine and rehabilitation can qualify to apply for admission to the certifying examinations of each Board by satisfactory completion of an integrated program planned and approved by both Boards prior to the end of the R-3 year, designed to be completed in a minimum of 72 months.

For purposes of this double-Boarding, both specialty Boards will require a 12-month basic clinical skills segment in internal medicine.

The ABPM&R requires a minimum of 36 months of accredited PM&R residency, and ABPN requires 36 months of accredited neurology residency. In order to decrease the total training time by 1 year, to a total of 72 months, 12 months of training in areas that satisfy the special requirements in neurology and physical medicine and rehabilitation would include 6 months of training in PM&R acceptable to the program director in neurology and 6 months of training in neurology that would be acceptable to the program director in PM&R.

It is recommended that all training be completed at one academic institution, or if two institutions are involved, adequate coordination should provide an appropriate educational experience that meets the requirements and approval of each Board. Before the end of the R-3 year of training in either specialty, each Board must approve the training plan for a given trainee submitted by the two program directors. Vacation is shared pro rata between the two training programs.

### **Application**

The application form that must be submitted by an applicant for the examination leading to certification can be obtained only by writing to the executive director of the Board. The completed application shall contain a record of the candidate's undergraduate and postgraduate training and a copy of the medical degree diploma or certificate; a copy of the current medical license to practice in the 50 United States, Puerto Rico, or Canada, the program director's statement that the candidate has or is anticipated to have satisfactorily completed an approved graduate program; records of other graduate study, hospital staff appointments or teaching positions, and length of time in a practice limited to physical medicine and rehabilitation, medical papers published, and any other information the applicant deems relevant to the determination of the admissibility for examination.

In addition, the applicant must submit with the application the names of three physiatrists or other physicians to whom the Board may write for professional and character references. At the option of the applicant, he or she may include the names of any additional physicians. The applicant should submit to the program director a form requesting the rating of the professional ability of the applicant. The program director should promptly return the completed form to the Board Office. No decision regarding admissibility to the examination will be made until the physicians from whom references are requested have replied.

All information submitted to the Board by the physician from whom a reference has been requested shall remain confidential and will not be disclosed to the candidate without the permission of the said physician. Strict confidentiality of references submitted is required to ensure that the Board receives complete and accurate evaluations of all applicants.

An applicant who plans to take Part I only must submit a fee of \$700, \$200 of which is a processing fee and nonrefundable. The fees must accompany the application.

Applicants applying for Part II must describe in a letter the professional time spent during his or her 1 year of clinical practice, fellowship, research, or a combination of these, and send an examination fee of \$600. The applicant should also submit statements from two physicians, preferably Board-certified physiatrists, verifying the applicant's year in clinical practice, fellowship, research, or a combination of these according to acceptable professional, ethical, and humanistic standards. Possession of a valid and unrestricted license to practice medicine or osteopathy in one or more of the 50 United States or Puerto Rico or licensure in Canada, or an acceptable equivalent will be required. Evidence of licensure must be submitted with application for certification examinations.

Applicants who plan to take both Parts I and II, initially the same year, must send with the application the fee of \$1,300. Two hundred dollars (\$200), as heretofore mentioned, is a processing fee and not refundable. Physicians who have failed Part I or Part II (or both) can apply for admissibility for reexamination during any subsequent examination period. Fees for reexamination are \$500 for Part I or \$600 for Part II, or, if both Parts I and II are retaken the same year, the fee is \$1,100.

The completed application form or letter of application, as applicable, and appropriate fee must be submitted by November 15 of the year before the scheduled examination. A penalty fee of \$200 will be required before consideration of applications postmarked after November 15 and before December 15. Once a candidate is declared admissible, fees are forfeited if the candidate withdraws for any reason or does not appear for the examination.

The applicant must be scheduled to complete the graduate education or clinical practice requirements on or before August 31 following the scheduled examination date for which he/she has applied in order to have the application considered for the examination of that year. Except as hereafter provided, no fees paid hereunder will be refunded. Only in the event that an applicant withdraws his/her application prior to the meeting of the Board to act thereon, or in the event that an applicant is declared not admissible to the examination, will the Board return to the applicant the refundable portion of the fee. Currently there is no limit to the number of times a physician may apply for repeat examinations.

The Board is a nonprofit organization, and the fees of the candidates are used solely for defraying the actual expenses of the Board. The Directors of the Board serve without remuneration. The Board reserves the right to change the fees when necessary.

**Designation of Admissibility**

"Board admissible" is a term used by the Board to define the status of the candidate who has been accepted by the Board to take the examination for which the candidate has applied; designation of "Board admissible" does not continue beyond the date such examination is given, regardless of results. The Board does not accept any use of the term "Board-eligible" in lieu of documented admissibility.

A. For those applicants who have not previously applied, or who have previously applied and withdrawn their application, or who have previously applied and have been declared not admissible, the procedures required for applicants toward becoming admissible to Board examinations are as follows

1. Timely filing of the completed application form and educational credentials with the Executive Director of the Board by the applicant.
2. Payment of the fee for the examination by the applicant.
3. Submittal of requested references.

4. Receipt of the program directors' and other requested references.
5. Reception of a letter of confirmation from the executive director of the Board to the candidate verifying that the applicant has fulfilled all requirements, and by Board action, has been declared admissible.

B. For applicants who are reapplying for Part I, having failed Part I, or who are applying for Part II, having successfully completed Part I, or who are reapplying for Part II, having failed Part II, but who have successfully passed Part I, the procedures required for applicants toward being designated admissible are as follows

1. Submittal of a letter of application for the examination by the applicant to the executive director of the Board or, if required, the resubmittal of an application form. The letter should contain a statement describing the required clinical practice, fellowship, research, or a combination of these.
2. Payment of the examination fee by the applicant.
3. Receipt of two letters of verification of 1 year of clinical practice, fellowship, research, or a combination of these, preferably from Board-certified physiatrists.
4. Reception of a letter of confirmation from the Executive Director of the Board to the candidate verifying that the applicant has fulfilled all requirements, and by Board action, has been declared admissible.

C. Following the establishment of Board admissibility, the candidate will be notified of the time and place for the examination.

A candidate who fails Part I or Part II or both parts of the examination may reapply for admissibility for reexamination. This must be done before November 15 of the year before the scheduled examination. Currently there is no limit to the number of times a physician may apply for repeat examinations.

**Absence From Training**

The Board stipulates that a resident should not be absent from the residency training for more than 6 weeks (30 working days) yearly. Any leave time or absence beyond 6 weeks would need to be made up by arrangement with the program director. "Leave time" includes sick leave, vacation, maternity leave, leave for locum tenens, clinical trips, or work in another institution that is not an ACGME-accredited residency. Leave time or vacation may not be accumulated to reduce the overall duration of training. Institutional policies regarding absences will be respected.

**Forfeiture of Fees**

Once an applicant has been declared admissible and is a candidate, the fees will be forfeited if the candidate withdraws for any reason or does not appear for the examination.

**Examinations**

As part of the requirements for certification by the ABPM&R, candidates must demonstrate satisfactory performance in an examination conducted by the Board covering the field of physical medicine and rehabilitation.

The examination for certification is given in two parts. Part I is written, Part II is oral.

Part I (written) may be taken after the satisfactory completion of the specialized graduate education required by the Board outlined above.

Part II (oral) may be taken only after 1 year of clinical practice, fellowship, research, or a combination of these following residency training.

In the event a candidate taking both Part I and Part II in the same year fails Part I of the examination, results of Part II shall not be considered or disclosed.



Both the written and oral examinations will cover certain aspects of the basic sciences as well as clinical PM&R. Those basic sciences will include

1. Anatomy: kinesiology and functional anatomy, biomechanics, neuroanatomy, and musculoskeletal anatomy.
2. Physics: electricity, mechanics, biophysics of physical agents, and kinetic and functional systems.
3. Physiology: physiology of nerve, muscle, and bone; physiologic effects of the various physical agents used in physical medicine and rehabilitation; cardiopulmonary, cardiovascular, and genitourinary physiology; and physiology of exercise and of inactivity.
4. Pathology: histopathology of muscles, nerves, bones, joints, soft tissues, and central nervous system.
5. Other fundamental sciences: the applicant may be examined concerning his/her knowledge of other subjects related to PM&R, including related pharmacology, as well as methods of assessing psychosocial and vocational needs of patients.

The clinical aspects will include

1. Diseases and conditions of all ages that come within the field of PM&R. These include various rheumatic diseases; neuromuscular diseases; cerebral and spinal cord injuries and diseases (e.g. cerebral vascular accidents, postoperative conditions of the brain and spinal cord, cerebral palsy, multiple sclerosis, etc); and musculoskeletal diseases, including the large group of traumatic and orthopedic conditions.
2. The clinical use of such physical agents or methods as heat, water, electricity, ultraviolet radiation, massage, exercise, and rehabilitation techniques.
3. Diagnostic procedures including electromyography and electrodiagnosis.
4. A knowledge of the roles of other health professionals within or associated with the field of PM&R, such as the physical therapist, occupational therapist, recreational therapist, clinical psychologist, speech pathologist, medical social worker, and vocational counselors; and the ability to coordinate the services of such professionals.
5. An understanding of the basic principles of physical medicine and rehabilitation, and the ability to prescribe, manage, and supervise specific treatment to be executed by other health professionals.

## Method of Examination

Part I and Part II of the board examination are given once each year, usually in May, at such times and places as the Board designates.

Part I is a written examination. This examination is divided into morning and afternoon periods of approximately 3 hours each. The questions are designed to test the candidate's knowledge of basic sciences and clinical management as related to PM&R, and will be in the form of objective testing.

Part II is an oral examination. The oral examinations are given by the Directors of the Board with the assistance of selected guest examiners. Each candidate will have three 40-minute oral examinations with three separate examiners.

Candidates will be expected to present in a concise, orderly fashion evidence of their proficiency in the management of various clinical conditions that come within the field of PM&R. During the oral examination, questions will be asked about diagnostic procedures, therapeutic procedures, and patient management. The candidate should demonstrate familiarity with the literature of basic and clinical research, as well as recent significant literature pertinent to PM&R. Conciseness and clarity of statement is expected. Evidence of the professional maturity of the candidate in clinical procedures and of factual knowledge will be sought.

## Unethical and Irregular Behavior

Candidates who apply to take the written and oral examinations must certify that the information they provide in their applications is true and accurate. If (1) any misrepresentation is discovered in the candidate's application, in any other information submitted to the Board, or in the identity of a person applying to take or taking the examination; (2) any financial or other benefit is offered by a candidate to any director, officer, employee, proctor, or other agent or representative of the Board in order to obtain a right, privilege, or benefit not usually granted by the Board to similarly situated candidates; (3) any irregular behavior during the examination such as copying answers, sharing information, using notes, or otherwise giving or receiving aid is discovered by observation, statistical analysis of answer sheets, or otherwise; or (4) any portion of the candidate's absence from the designated examination room for whatever reason and any duration is unexcused or is otherwise impermissible, the candidate in question shall be given written notice of the charges and an opportunity to respond in accordance with the appeals procedures set forth in the rules and regulations of the Board. If the Board determines that a violation has occurred, the Board may permanently bar the person(s) involved in the violation from all future examinations; invalidate the results of, or refuse to score, prior examinations taken by the person(s); withhold or revoke the certificate of the person(s); and/or take other appropriate action. If sanctions are imposed pursuant to the rules and regulations of the Board, the Board may notify legitimately interested third parties of its action.

If the Board determines that irregular behavior has occurred during an examination, the Board will make every effort to withhold the scores of only those candidates directly implicated in the irregularity. Nevertheless, in some instances the evidence of irregularity, though sufficiently strong to cast doubt on the validity of scores, may not enable the Board to identify the specific candidates involved in the irregularity. In such circumstances, the Board may withhold the scores of candidates not directly implicated in the irregularity and, if necessary, may require those candidates to take an additional examination at a later date to ensure the validity of all scores.

The examination booklets are copyrighted as the sole property of the Board and must not be removed by the candidate from the test area or reproduced in any way. Any reproduction of the test booklet, in whole or in part, is a federal offense and also may subject the candidate to the sanctions listed above. No notes, textbooks, other reference materials, scratch paper, or recording devices may be taken into either the written or the oral examination.

## Certificate

Upon approval of the application and the candidate's successful completion of the examinations, the Board will grant a certificate to the effect that the candidate has met the requirements of the Board. The recipient of a certificate shall be known as a certificant or a diplomate of the ABPM&R.

The Board began issuing 10-year limited diplomate certificates in 1993. Recertification procedures and requirements are described in the following section. Certificates issued prior to 1993 will have no time-limited stipulations, nor will there be requirements for recertification. Residents entering a training program are hereby informed and must be aware regarding time-limited certification, which began in 1993.

A certificate granted by this Board does not of itself confer, or purport to confer, any degree or legal qualifications, privileges, or license to practice physical medicine and rehabilitation. The Board does not limit or interfere with the professional activity of any duly licensed physician who is not certified by this Board. Privileges

granted physicians in the practice of physical medicine and rehabilitation in any hospital or clinic are the prerogatives of that hospital or clinic, not of this Board.

The names of consenting diplomates of the Board appear in the *Official American Board of Medical Specialties (ABMS) Directory of Board Certified Medical Specialists* published by Marquis Who's Who.

## Recertification

### Guiding Principles of Recertification

The achievement of the original certification of physical medicine and rehabilitation demonstrates that the individual has met the requirements of the ABPM&R.

The guiding principle of the recertification program of the ABPM&R is to foster the continuing development of excellence in patient care and all aspects of the practice of physical medicine and rehabilitation by its diplomates.

### Goals of Recertification

The ABPM&R through its recertification program seeks to encourage, stimulate and support its diplomates in a program of self-directed, life long learning through the pursuit of continuing medical education.

The recertification process will permit diplomates to demonstrate that they continue to meet the requirements of the ABPM&R.

Recertification will also provide continuing assurance to patients and families served, funding agencies and the public in general of the continuing up-to-date knowledge of physical medicine and rehabilitation diplomates.

### Participants in the Recertification Process

Recertification is therefore offered on a voluntary basis to

1. All diplomates holding time-limited certificates issued by the ABPM&R; and
2. All diplomates holding non time-limited certificates issued by the ABPM&R.

Diplomates with time-limited certificates may renew every 10 years through the process of recertification. By formal application to the ABPM&R and having satisfied the general requirements listed below, diplomates with time-limited certificates may take the recertification examination beginning 3 years prior to the expiration of their time-limited certification. To complete the recertification process diplomates holding time-limited certificates must then satisfy the special requirements described below and achieve a passing grade in the recertification examination of the ABPM&R.

Four years prior to the expiration of their time-limited certification, diplomates will be reminded by the ABPM&R again of the steps involved in the recertification process.

Diplomates holding non-time-limited certificates may apply for the recertification examination starting in 1999 by formal application to the ABPM&R and by having satisfied the general and special requirements. However, once holding a time-limited certificate in addition to a non-time-limited certificate (which will remain valid indefinitely) diplomates must follow the application process of diplomates holding time-limited certification.

## Requirements for Recertification

### A. General Requirements for Admissibility to the Recertification Examination

Applicants for recertification must meet the following general requirements

1. Possession of a valid and unrestricted license to practice medicine in the United States, or territory of the United States or Canada.

2. Possession of a time-limited or a non-time-limited certificate from the ABPM&R.
3. Diplomates with time-limited certificates are automatically registered for the recertification process. The registration will be validated upon receipt of the annual maintenance fee starting with year 2 following the receipt of the time-limited certificate.
4. Diplomates with non-time-limited certificates will be notified regarding the option to participate in the recertification process. Upon written request the diplomates with non-time-limited certificates will be registered in the recertification process. This registration will be validated upon receipt of the annual maintenance fee 1 year following registration.
5. Completion of the ABPM&R application for recertification.

### B. Special Requirements for Admissibility to the Recertification Examination

1. Completion of a total of 500 hours of continuing medical education credits during the 10-year recertification period (50 credits per year) is required. At least 300 hours of credits earned in the 10-year period must be AMA Category 1. The AMA Physicians' Recognition Award will be accepted toward fulfillment of this requirement.

In order to satisfy the CME requirement, participants will be required to report their progress toward completing recertification CME requirements to the Board annually from the date of issuance of the time-limited certificate on a form to be supplied.

2. All candidates must successfully complete the evaluative component of the recertification program (ie, they must attain a passing grade in a practice-oriented, nonproctored, open-book, take-home examination).

## Application

An application form to take the recertification examination may be obtained (as of 1999) by sending a written request to the office of the ABPM&R.

There is no limit on the number of times diplomates may attempt to complete the recertification process.

## Examination

The examination will be offered for the first time in the year 2000 and annually thereafter.

The written examination for recertification will be clinically focused and offered in the form of a nonproctored, open-book, take-home examination. The examination will be prepared by the ABPM&R and will represent the broad range of professional activities encompassing the specialty. The profile of the examination will consist of test items relating to general physiatry and test items relating to special emphasis areas of physiatric practice from which the diplomates will select emphasis areas that most closely match their practice profiles. Overall, 50% of the examination will relate to general physiatry and 50% will relate to more specialized areas of physiatric practice.

## Certificates

Diplomates with time-limited certificates successfully completing the recertification process will receive a new 10-year time-limited certificate with a starting date 10 years from the date of initial certification or the most recent recertification.

Diplomates with non-time-limited certificates receive a new additional time-limited certificate and receive a notation about this additional certification in The *Official ABMS Directory of Medical Specialists* published by the American Board of Medical Specialties (ABMS) in conjunction with Marquis Who's Who. In the case that their time-limited certification lapses their non-time-limited notation will continue to be listed.

# American Board of Plastic Surgery

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 Stephen Ariyan, MD, Vice-Chairman, New Haven, Connecticut  
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 Robert C Russell, MD, Springfield, Illinois  
 David J Smith, Jr, MD, Ann Arbor, Michigan  
 Frank L Thorne, MD, Seattle, Washington

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Plastic Surgery, Inc, to ascertain whether the information below is correct.)*

## Introduction

The American Board of Plastic Surgery, Inc, which was organized in June 1937 by representatives of various groups interested in this type of surgery, received recognition as a subsidiary of the American Board of Surgery in May 1938. The American Board of Plastic Surgery, Inc, was given the status of a major specialty board in May 1941 by action of the Advisory Board for Medical Specialties as approved by the Council on Medical Education of the American Medical Association, which has designated certain specialty fields as being suitable to be represented by specialty boards.

The Board is organized under the laws of the state of Illinois for charitable, scientific, and educational purposes. No part of its net earnings shall inure to the benefit of any private member, director, officer, or other individual, nor shall the board ever declare or make to any such persons any dividend or other distribution. Nothing herein, however, shall prevent the payment of reasonable compensation for services rendered or the reimbursement of reasonable expenses incurred in connection with the Board's affairs.

Plastic surgeons certified by the Board are listed in the *Official ABMS Directory of Board Certified Medical Specialists*, published by Marquis Who's Who, in cooperation with the American Board of Medical Specialties (ABMS).

## Description of Plastic Surgery

Plastic surgery deals with the repair, reconstruction, or replacement of physical defects of form or function involving the skin, musculoskeletal system, cranio-maxillofacial structures, hand, extremities, breast and trunk, and external genitalia. It uses aesthetic surgical principles not only to improve undesirable qualities of normal structures but in all reconstructive procedures as well.

Special knowledge and skill in the design and surgery of grafts, flaps, free tissue transfer, and replantation is necessary. Competence in the management of complex wounds, the use of implantable materials, and in tumor surgery is required. Plastic surgery has

been prominent in the development of innovative techniques such as microvascular and cranio-maxillofacial surgery, liposuction, and tissue transfer. The foundation of surgical anatomy, physiology, pathology, and other basic sciences is fundamental to this specialty.

Competency in plastic surgery implies a special combination of basic knowledge, surgical judgment, technical expertise, ethics, and interpersonal skills in order to achieve satisfactory patient relationships and problem resolution.

## Sponsoring Organizations

The American Board of Plastic Surgery, Inc, consists of 19 directors who manage the affairs of the organization. Eighteen directors are elected by the Board from names submitted by the following sponsoring organizations

Association of Academic Chairmen of Plastic Surgery  
 American Association for Hand Surgery  
 American Association of Plastic Surgeons  
 American College of Surgeons  
 American Society for Aesthetic Plastic Surgery, Inc  
 American Society for Surgery of the Hand  
 American Society of Maxillofacial Surgeons  
 American Society of Plastic and Reconstructive Surgeons, Inc  
 American Surgical Association  
 Canadian Society of Plastic Surgeons  
 Council of Regional Societies of Plastic and Reconstructive Surgery  
 Plastic Surgery Research Council  
 Society of Head and Neck Surgeons

Once elected to the Board, that person's obligation will be primarily to the Board and not to the sponsoring organization.

In addition, one director is elected by the Board from names submitted by the American Board of Surgery.

These 19 individuals are the directors of the Board. Surgeons who fulfill the requirements of the Board and who are granted certification by the Board are known as diplomates of the American Board of Plastic Surgery, Inc.

## Purposes

The essential purposes of the Board are to

1. Establish requirements for the qualifications of applicants who request a certificate of their ability in the field of plastic surgery in its broadest sense.
2. Conduct examinations of approved candidates who seek certification by the Board.
3. Issue certificates to those who meet the Board's requirements and pass the respective examinations.
4. Do and engage in any and all lawful activities that may be incidental or reasonably related to any of the foregoing purposes.

The Board is not an educational institution, and certificates issued by the Board are not to be considered degrees. The certificate does not confer on any person legal qualifications, privileges, or license to practice medicine or the specialty of plastic surgery. Standards of certification are clearly distinct from those of licensure; possession of a Board certificate does not indicate total qualification for practice privileges, nor does it imply exclusion of others not so certified. The Board does not purport in any way to interfere with or limit the professional activities of any licensed physician nor does it desire to interfere with practitioners of medicine and any of their regular or legitimate activities.

It is not the intent nor has it been the function of the Board to define requirements for membership on the staff of hospitals, or to define who shall or shall not perform plastic surgical operations. The Board is not a primary source of censure or primary review of ethical problems.

## Policies

It is the Board's prerogative to determine the professional, ethical, moral, physical, and mental fitness of any candidate for its certificate.

The Board will consider opinions expressed concerning an individual's credentials only if they are in writing and signed.

It is the policy of the Board to maintain its autonomy and independence from political and economical considerations that might affect plastic surgery.

The Board recognizes the role of legitimate advertising in the changing medical scene; but it does not approve of advertising that arouses unrealistic expectations, that is false or misleading, that minimizes the magnitude and possible risks of surgery, or that solicits patients for operations that they might not otherwise consider. Such advertising is improper and inconsistent with the high standards of professional and ethical behavior implied by certification by the American Board of Plastic Surgery, Inc.

## General Requirements

The following requirements for admissibility are in agreement with those promulgated by the ABMS.

1. The Board will accept only those persons whose major professional activity is limited to the field of plastic surgery.
2. Moral and ethical fitness must be satisfactory to the Board and in conformity with the Code of Ethics of the American Society of Plastic and Reconstructive Surgeons, Inc. Practices that do not conform therewith may result in rejection of an application or in deferral of examination until such matters have been resolved satisfactorily.

The Board may deny a candidate the privilege of sitting for an examination, or may refuse issuance of a certificate, if it is found by additional disclosures or a recent change in status that the candidate no longer meets the general or professional requirements.

## Professional Requirements

The Board considers the requirements detailed in Prerequisite Training and Requisite Training to be minimal. Candidates are encouraged to take advantage of broadening experiences in other fields.

The Board reserves the right to

1. Request lists of operations performed solely by the candidate for one or more years.
2. Request special and extra examinations: written, oral, or practical.
3. Request any specific data concerning the candidate that may be deemed necessary before making a final decision for certification.
4. Consider evidence that a candidate's practice after completion of training is not in accord with generally accepted medical or ethical standards, which may result in rejection of the application or deferral of the examination until such time as the matter has been satisfactorily resolved.

## Prerequisite Training

A minimum of 5 years of training is required in order to fulfill the prerequisite and requisite requirements.

### Undergraduate Medical or Osteopathic Education

Before beginning prerequisite training, candidates must have graduated from an accredited school of medicine in the United States, Puerto Rico, or Canada that grants a Medical Degree, or from an osteopathic school accredited by the American Osteopathic Association. Graduates of medical schools located outside the United States, Puerto Rico, and Canada must

1. Pass a medical science examination administered by the Educational Commission for Foreign Medical Graduates (ECFMG) and obtain ECFMG certification for admission to accredited post-

graduate training programs in the United States (FMGEMS and the United States Medical Licensing Examination [USMLE] are currently administered for this purpose). Or

2. Obtain a passing performance on either the 1-day ECFMG medical examination or the 2-day Visa Qualifying Examination (VQE). Or
3. Have completed a Fifth Pathway program in an accredited school of medicine in the United States or Canada.

### Official Evaluation of Prerequisite Training

Official evaluation of prerequisite training by the Board is required prior to the initiation of residency training in plastic surgery. This simple preliminary step will prevent later disappointment. It is the responsibility of all prospective trainees in plastic surgery to secure this evaluation. Each prospective trainee must obtain a Request for Evaluation of Training Form from the Board Office prior to completion of his or her prerequisite training. Along with the completed Request for Evaluation of Training Form, prospective candidates are required to submit a copy of their medical school diploma.

Directors of accredited residency training programs in plastic surgery must require all prospective trainees to have an official evaluation and approval of their prerequisite training by the Board before they begin training.

Approval for residency training in plastic surgery will be provided to those individuals who clearly meet the Board's stated requirements. Further information for detailed credential review will be obtained on all other individuals where training was in other than accredited programs. Official evaluations will be made by the Committee on Credentials and Requirements. Individual officers or members of the Board cannot and will not make such estimates or rulings. It should be emphasized that the answers to many questions require a decision by one or more of the committees of the Board. This applies particularly to evaluation of training and questions of admissibility. Decisions are referred to the entire Board at the next scheduled Board meeting. The process of reaching a final decision may require several months, since the full Board meets only twice annually. March 1 and September 1 are the last post-marked dates for submission of written special requests and documentation for consideration by the Committee on Credentials and Requirements.

The Board will issue neither a letter verifying prerequisite training nor an Application for Examination and Certification Form until the Request for Evaluation of Training Form has been received and approved.

## Graduate Education in Surgery

The current prerequisite graduate education in surgery is summarized below:

### For United States or Canadian Doctors of Medicine or Osteopathy

A candidate with a Medical or Osteopathic Degree granted in the United States or Canada must have completed one of the following:

1. A minimum of 3 years of clinical training with progressive responsibility in the same program in general surgery. Rotating internships will not be accepted in lieu of a clinical year in general surgery. This program must be approved by the Residency Review Committee for Surgery and accredited in the United States by the Accreditation Council for Graduate Medical Education (ACGME) or in Canada by the Royal College of Physicians and Surgeons for full training. The minimum of 3 years of clinical training with progressive responsibility in the same program in general surgery must be completed before the candidate enters a plastic surgery residency. The satisfactory completion of a minimum of 3 years of clinical training with progressive responsibility

- in the same program must be verified in writing by the general surgery program director; or
2. An accredited residency training program in neurological surgery, orthopaedic surgery, otolaryngology, or urology. Prospective candidates may initiate residency training in plastic surgery following satisfactory completion of the entire course of training in the United States or Canada, as prescribed for certification by the American Board of Neurological Surgery, the American Board of Orthopaedic Surgery, the American Board of Otolaryngology, or the American Board of Urology. They must meet and comply with the most current requirements in these specialties. Satisfactory completion of training must be verified in writing by the training program director and evidence of current admissibility to the respective specialty board's examination process in the United States is required.

#### **For United States Candidates With a Combined DMD or DDS/MD Degree**

Satisfactory completion of a residency program in Oral and Maxillofacial Surgery approved by the American Dental Association (ADA) is an alternate pathway for prerequisite training prior to plastic surgery residency. The satisfactory completion of this training must be verified in writing by the oral and maxillofacial surgery program director. This program must include the integration of a medical school component resulting in a Doctor of Medicine (MD) degree. This combined training must also include a minimum of 24 months of progressive responsibility on surgical rotations under the direction of the general surgery program director after receipt of the MD degree. The general surgery program director must verify in writing the completion of 24 months of general surgery training, the level of responsibility held, inclusive dates, and specific content of rotation. Rotations in general surgery during medical school, prior to the MD degree, will not be considered as fulfilling any part of the 24-month minimum requirement. If the general surgery component is completed at an institution other than the sponsoring institution of the oral and maxillofacial surgery residency, then this training must be completed consecutively with all 24 months spent in the same general surgery program.

#### **For Doctors of Medicine With Medical Degrees Granted Outside the United States or Canada**

Satisfactory completion of an accredited residency training program in general surgery, neurological surgery, orthopaedic surgery, otolaryngology, or urology is required. Prospective candidates may initiate residency training in plastic surgery following satisfactory completion of the entire course of training in the United States or Canada, as prescribed for certification by the American Board of Neurological Surgery, the American Board of Orthopaedic Surgery, the American Board of Otolaryngology, the American Board of Surgery, or the American Board of Urology. They must meet and comply with the most current requirements in these specialties. Satisfactory completion of training must be verified in writing by the training program director, and evidence of current admissibility to the respective specialty board's examination process in the United States is required.

#### **Verification of Prerequisite Training**

To assure written verification from the program director under whom the candidate completed prerequisite training, the Board Office will provide the program director with a Verification Form for completion and return. It is the candidate's responsibility to (1) advise the program director that the Board will be soliciting a Verification Form and (2) determine that it has been completed and returned.

## **Requisite Training**

### **Graduate Education in Plastic Surgery**

Training in plastic surgery for not less than 2 years is required, and the final year must be at the senior level. Prospective candidates entering a plastic surgery residency accredited for 3 years of training must complete the entire 3 years, with 1 year of senior responsibility.

Candidates beginning plastic surgery residency on or after July 1, 1995, will be required to complete both years of a 2-year program in the same institution or the last 2 years of a 3-year program in the same institution. In either instance, the final year must be at the senior level.

Training in plastic surgery must be obtained in either the United States or Canada. The Board recognizes training in those programs in the United States that have been reviewed by the Residency Review Committee for Plastic Surgery and accredited by the ACGME or those programs in Canada approved by the Royal College of Physicians and Surgeons of Canada.

### **Content of Training**

Candidates must hold positions of increasing responsibility for the care of patients during these years of training. For this reason, major operative experience and senior responsibility are essential to surgical education and training.

An important factor in the development of a surgeon is an opportunity to grow, under guidance and supervision, by progressive and succeeding stages to eventually assume complete responsibility for the surgical care of the patient.

It is imperative that residents hold positions of increasing responsibility when they obtain training in more than one institution, and 1 full year of experience must be at the senior level. The normal training year for the program must be completed. No credit is granted for part of a year of training.

The Board considers a residency in plastic surgery to be a full-time endeavor and looks with disfavor upon any other arrangement. The minimum acceptable training year is 48 weeks. Should absence exceed 4 weeks per annum for any reason, the circumstances and possible make-up time of this irregular training arrangement must be approved by the Residency Review Committee for Plastic Surgery, and documentation of this approval must be provided to the Board by the program director.

Training in plastic surgery must cover the entire spectrum of plastic surgery. It should include experience in both the functional and aesthetic (cosmetic) management of congenital and acquired defects of the head and neck, trunk, and extremities. Sufficient material of a diversified nature should be available to prepare the trainee to pass the examination(s) of the Board after the prescribed period of training. If the available material on a service is inadequate, the program director may correct the deficiency by establishing an affiliation with one or more surgeons on other services within that hospital or by regular rotation of residents on other approved affiliated services in order that a broad experience might be obtained. The trainee should be provided an opportunity to operate independently on suitable cases under more remote supervision.

This period of specialized training should emphasize the relationship of basic science—*anatomy, pathology, physiology, biochemistry, and microbiology*—to surgical principles fundamental to all branches of surgery and especially to plastic surgery. In addition, the training program must provide in-depth exposure to the following subjects: the care of emergencies, shock, wound healing, blood replacement, fluid and electrolyte balance, pharmacology, anesthetics, and chemotherapy.

## Accredited Residency Programs

Information concerning accredited training programs may be found in the *Graduate Medical Education Directory* published by the American Medical Association (AMA) under the aegis of the ACGME. Copies of this directory are available at many medical schools and libraries, or candidates may order the directory directly from the AMA by calling toll free 1 800 621-8335, or by writing to: Order Department OP416795, American Medical Association, PO Box 109050, Chicago, IL 60610-9050.

The Board does not inspect or approve residencies. The Residency Review Committee for Plastic Surgery (RRC) inspects and makes recommendations for or against approval of a residency training program in plastic surgery only after the director of the residency has filed an application for approval with the Secretary of the Residency Review Committee for Plastic Surgery (515 N State St, Chicago, IL 60610; 312 464-5404). The RRC consists of nine members, three representatives from each of the following: The American Board of Plastic Surgery, Inc, the American College of Surgeons, and the American Medical Association.

Neither the Board nor its individual members can be responsible for the placement of applicants for training. The Board does not maintain a list of available openings in programs. Prospective candidates seeking accredited training in plastic surgery should correspond directly with the directors of those training programs in which they are interested.

Most plastic surgery residencies participate in a special Plastic Surgery Matching Program. (For information, contact Plastic Surgery Matching Program, PO Box 7999, San Francisco, CA 94120; 415 923-3907.)

## Nonapproved Residencies

No other residencies in either the United States or Canada or other countries are acceptable in lieu of those specified above. This in no way implies that quality training cannot be acquired elsewhere, but the Board has no method of evaluating the quality of such programs and must be consistent in its requirements.

The Board grants no credit for training, residency, and/or experience in disciplines other than those named.

## Applying for Examination and Certification

The prime purpose of the Board is to pass judgment on the education, training, and knowledge of broadly competent and responsible plastic surgeons. Certification by the Board indicates qualification of a specialist at a superior level of excellence. The quality of training of surgeons, as shown by their successful completion of the Board examinations, will be reflected in their ability to achieve good results in practice.

The Board will issue no letters attesting to admissibility for its examinations to any person, institution, or organization until this formal application, along with the required supporting documents, has been received and approved.

### Application Process

In order to be admitted to the examination process leading to Board certification, prospective candidates should write to the Board Office requesting application materials during the last 2 months of their residency. An Application for Examination and Certification Form will be provided. This should be completed and submitted to the Board Office immediately following the completion of a candidate's residency training in plastic surgery. Prospective candidates who do not contact the Board Office within 2 years after completion of their residency in plastic surgery will not be considered for admission to the examinations leading to Board certification.

## Deadline for Submission of Application Material

Applications for admission to the upcoming Qualifying Examination to be given in the spring of the following year must be postmarked on or before December 15 to avoid a late penalty fee.

## Licensure

All candidates must have a currently valid registered full and unrestricted license to practice medicine in a state, territory, or possession of the United States or in a Canadian province, and must continue to be licensed throughout the certification process. A temporary limited license such as an educational, institutional, or house permit is not acceptable. A photocopy of an active registration certificate bearing a date that will be valid at the time of examination(s) must be submitted by the candidate.

Commissioned officers of the medical service of the armed forces of the United States or Canada on active duty need not present evidence of current registration of licensure, but must provide appropriate information regarding their status.

## Letters of Recommendation

If a candidate has completed training in more than one program in plastic surgery, the program director of the first year of training must verify to the Board in writing the satisfactory completion of that year of training. Additionally, the Board may require favorable evaluations and verification from other surgeons.

## Required Signatures

Plastic surgery residents who completed their training prior to June 30, 1991, will be sent an Application for Examination and Certification Form that must be completed accurately and signed by them. It must also be signed twice by their program director, once acknowledging the completion of their residency in plastic surgery and once recommending them for admission to the examination process.

## Residency Graduation Form

For plastic surgery residents completing their residency on June 30, 1991, and thereafter, a Residency Graduation Form will be provided by the Board to the program director for completion at the end of the candidate's residency training in plastic surgery. A single form will be sent for each candidate and will require signatures in two places. The first signature, by the program director, will attest that the individual has completed a residency training program in plastic surgery accredited by the Residency Review Committee for Plastic Surgery under the program director's direction and that the accredited number of years included a year of senior responsibility. The second signature will signify that the program director recommends the individual for admission to the examination process of the Board.

If the program director elects not to sign either statement, the director is required to provide a full written explanation of the reason the required signature(s) is not provided. The individual's application cannot be processed nor will the individual be admitted to the examination process of the Board without both required signatures.

The Board has asked each program director to complete a Residency Graduation Form within 30 days of completion, by the trainee, of the prescribed duration of the program.

The program director must record any deficiencies that were responsible for the lack of signature(s) and discuss these with the individual. This written communication must be given to the individual and a copy must be forwarded to the Board Office. If further educational training or experience is completed, the program director should request, within 30 days, that another Residency Graduation Form be sent for the required signature(s). If the individual is still felt to be deficient and not recommended for admission to the examination process of the Board, the program director

again must communicate the cause for the lack of signature(s) to the Board Office.

Failure on the part of the program director to complete the Residency Graduation Form within the stipulated framework will be considered an abrogation of the responsibility of the program director and the Residency Review Committee for Plastic Surgery shall be so notified.

### Notification of Admissibility

A candidate whose Application for Examination and Certification Form is approved will be notified in writing. An Information Form and Identification Form will be sent with this notification. They are to be completed and returned to the Board Office within 30 days of notification. Failure to complete and return these forms will prevent the candidate from receiving further information pertaining to the Qualifying Examination.

If it appears that the stated requirements have not been met, further details may be requested. This information will be reviewed by the Committee on Credentials and Requirements. The Committee meets twice yearly (spring and fall) and decisions are not rendered at any other time.

Until the application has been received and approved, the Board will not inform any person, institution, or organization that a candidate is admissible to the examination process.

### Admissibility to the Examination Process

Each qualified candidate shall be entitled to take an examination(s) as required by the Board. All candidates must comply with the current regulations in effect for the year in which the examination is taken regardless of the time the original application was approved. It is the responsibility of candidates to seek information concerning the current requirements for certification by the Board. The Board does not assume responsibility for notifying candidates of changing requirements or the impending loss of admissibility to take an examination. A new *Booklet of Information* is published yearly in July.

All candidates taking an examination of the American Board of Plastic Surgery, Inc. must complete the entire examination.

Certification by any other specialty Board does not exempt candidates from any part of the examination process.

### Admissibility to the Qualifying (Written) Examination

Candidates admissible to the examination process may take the Qualifying Examination in the spring of the year following successful completion of residency in plastic surgery, provided the Application for Examination and Certification Form is approved.

Candidates approved for admission to the Qualifying Examination prior to July 1, 1991, will be offered seven consecutive opportunities to appear for the Qualifying Examination. Candidates may take the Qualifying Examination five times during this 7-year period. Candidates who have not passed the Qualifying Examination during this period will no longer be candidates for examination.

Candidates approved for admission to the Qualifying Examination, July 1, 1991, and thereafter, will be offered five consecutive opportunities to appear for the Qualifying Examination. Candidates may take the Qualifying Examination three times during this 5-year period. Candidates who have not passed the Qualifying Examination during this period will no longer be candidates for examination.

In either situation, the satisfactory completion of an additional year of training is required before a candidate can be considered for readmission to the Qualifying Examination. This additional year of training can be taken in a formal residency or a suitable plastic surgery preceptorship. This additional year of training must be approved in advance by the Committee on Credentials and Requirements of the Board. Evidence of satisfactory completion of this year

of training is required before further consideration for examination will be made.

If the Board approves the candidate's request for readmission to the Qualifying Examination, two more consecutive opportunities to appear for the Qualifying Examination will be offered. Once approval is received, the candidate must sit for examination at the first available opportunity. Candidates who do not successfully pass the Qualifying Examination within these two consecutive opportunities will be required to repeat an entire plastic surgery residency to again be admissible to the examination process.

Note: Please see "Practice Requirement," under Admissibility to the Certifying (Oral) Examination for admissibility to that examination.

### Admissibility to the Certifying (Oral) Examination

#### Practice Requirement

1. Candidates approved for admission to the examination process prior to July 1, 1986, do not have a practice requirement.
2. Candidates approved for admission to the examination process between July 1, 1986, and July 1, 1989, must have been in the independent practice of plastic surgery for at least 2 years.
3. Candidates approved for admission to the examination process after July 1, 1989, must have been in the independent practice of plastic surgery in the same locale for at least 2 years. These years need not be consecutive.
4. The 12-month case list must come from cases done in the independent practice of plastic surgery beginning January 1 and ending December 31 of the year preceding the year in which the Certifying Examination is to be taken.
5. A fellowship is not considered independent practice.

For candidates approved for admission to the examination process prior to July 1, 1991, the last admissibility date for the Certifying Examination shall be December 31 of the seventh year after passing the Qualifying Examination and completion of the 2-year independent practice of plastic surgery. For candidates approved for admission to the examination process July 1, 1991, and thereafter, the last admissibility date for the Certifying Examination shall be December 31 of the fifth year after passing the Qualifying Examination and completion of the 2-year independent practice of plastic surgery.

For admission to the Certifying Examination, candidates must be actively engaged primarily in the practice of plastic surgery and hold active operating privileges in a hospital approved by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) or its Canadian equivalent.

Prior to becoming admissible to the Certifying Examination, candidates must have passed the Qualifying Examination and have fulfilled the 2-year independent practice requirement as it applies to them.

Candidates approved for admission to the examination process prior to July 1, 1991, will be offered seven consecutive opportunities to appear for the Certifying Examination. Candidates may take the Certifying Examination five times during this 7-year period. Candidates who have not passed the Certifying Examination during this period will no longer be candidates for examination.

Candidates approved for admission to the examination process, July 1, 1991, and thereafter, will be offered 5 consecutive opportunities to appear for the Certifying Examination. Candidates may take the Certifying Examination three times during this 5-year period. Candidates who have not passed the Certifying Examination during this period will no longer be candidates for examination.

In either situation, the satisfactory completion of an additional year of training is required before candidates can be considered for readmission to the Certifying Examination. This additional year of training can be taken in a formal residency or a suitable plastic sur-

gery preceptorship. This additional year of training must be approved in advance by the Committee on Credentials and Requirements of the Board. Evidence of satisfactory completion of this year of training is required before further consideration for examination will be made.

If the Board approves the candidate's request for readmission to the Certifying Examination, two more consecutive opportunities to appear for the Certifying Examination will be offered. Once approval is received, the candidate must sit for examination at the first available opportunity. Candidates who do not successfully pass the Certifying Examination within these two consecutive opportunities will be required to repeat an entire plastic surgery residency to again be admissible to the examination process.

## Fee Schedule

### Registration (\$400 US Currency)

The registration fee must be submitted with the application and is not refundable.

### Qualifying (Written) Examination (\$800 US Currency)

The fee for the Qualifying Examination must be submitted when the reply card requesting examination is returned to the Board Office. The fee for the Qualifying Examination must accompany the card only if a candidate wishes to be scheduled for the examination.

### Certifying (Oral) Examination (\$1,200 US Currency)

Beginning in 1994, a \$500 (nonrefundable) fee must be enclosed with the 12-month case list to provide for review of the case list and selection of ten cases for preparation as Case Reports. The balance of the examination fee (\$700) must be submitted with the reply card requesting a reserved examination slot.

Fees must be submitted in United States currency only. Foreign currencies, including Canadian, are unacceptable.

A charge of \$50 will be made whenever a check in payment of a fee is returned for nonpayment.

Fees are subject to change by the Board. The fee schedule applicable to current examinations will apply regardless of when a candidate is approved for admission to the examination process.

The Board is a nonprofit organization, and the fees of candidates are used solely for defraying the actual expenses of the Board. The directors of the Board serve without remuneration. Because of the limited number of plastic surgeons certified by this Board, it may be necessary for the Board to request a voluntary annual contribution from its diplomates.

### Repeat Examination Fee

Fees for repeat examinations are the same as for the current original examinations.

### Refunds

For the Qualifying Examination, a refund of the examination fee (less a processing charge of \$200) will be granted, provided the candidate submits a written request for withdrawal postmarked at least 30 calendar days prior to the date of the examination. For the Certifying Examination, a refund of the examination fee (less a processing charge of \$300) will be granted, provided the candidate submits a written request for withdrawal postmarked at least 30 calendar days prior to the date of the examination.

Candidates who notify the Board Office in writing postmarked less than 30 calendar days prior to the examination date of their intent to withdraw, or who fail to appear for examination, will forfeit the entire fee. The Board may waive this rule if the circumstances warrant.

## Qualifying (Written) Examination

The Qualifying Examination will be conducted in the spring each year or at any other time deemed suitable by the Board. The examination will be given on the date specified and at the time specified. No exceptions will be made, and special examinations will be given only under unusual circumstances (see Examination of Candidates with Disabilities under Special Situations).

### Announcement Information

Candidates who are admissible to the Qualifying Examination will be sent annually, throughout their period of admissibility, an Announcement Letter, Booklet of Information, reply card, and a hotel reservation card, approximately 3 months before the date of the examination to be given in the spring of that year. When the reply card is received, candidates must signify their intent to take the examination by completing and returning the reply card and examination fee immediately to the Board Office.

Both sides of the reply card must be completed, otherwise candidates will not be scheduled for examination if their hospital appointments are not recorded.

Candidates are responsible for their own travel, hotel accommodations, and expenses. A hotel reservation card will be included with the reply card. Candidates may use this if they wish to stay in the hotel at which the examination is to be given.

### Admission to Examination

If the returned reply card and examination fee for the Qualifying Examination are not postmarked on or before March 1, a late penalty fee of \$200 will apply.

Reply cards and examination fees postmarked March 2 up to and including March 15 will be considered only on a space available basis and the late penalty fee of \$200 must accompany these items. Reply cards and examination fees postmarked after March 15 will not be accepted for admission to the spring Qualifying Examination.

(The names of candidates who are late returning the reply cards and examination fees will be kept on file. If openings develop by the withdrawal of other candidates, the late candidates may be admitted in the order of the receipt of the reply cards. No candidate will be admitted less than 4 weeks preceding the examination.)

Once candidates have been scheduled for the Qualifying Examination, they will be sent an admission card 5 to 6 weeks before the date of the examination. Candidates must present their admission card when they register for the examination at both the morning and afternoon sessions. On this card will be printed the candidate's name; candidate number; the date, time, and location of the examination; the specific room in which candidates are to take the examination; and the "result mailing date." Candidates must use their candidate number throughout the examination. Late arrival may result in denial of admission to the examination.

Advise the Board Office immediately by telephone (215 587-9322) if the admission card is lost prior to the examination.

### Withdrawal From Examination

Candidates wishing to withdraw from the examination must send written notification postmarked at least 30 calendar days before the date of the examination. The examination fee will be refunded less a processing charge of \$200. Candidates who withdraw from the examination after this date or who fail to appear for the examination will forfeit the entire fee. The Board may waive this rule if the circumstances warrant.

### Registration and Administration of the Examination

All candidates must take the entire examination on the same day and at the same time.

Candidates must register for the morning and afternoon sessions at the date, time, and location specified on their admission card. If



for any reason candidates are delayed or cannot arrive on time, he or she must notify the proctor or the Board Office. If a candidate is unable to attend the examination, he or she must notify the Board Office either by letter or by telephone prior to the time of registration for the morning session. Anyone who is more than 30 minutes late will not be admitted to the examination.

The Board Office will provide each candidate with lead pencils for use during the examination. No other writing implements may be used.

Candidates are not permitted to bring any notes, textbooks, or other reference materials into the examination. Scratch paper is not permitted, but space for notes and calculations is provided in the examination booklet.

Examination booklets are copyrighted and are the sole property of the American Board of Plastic Surgery, Inc. They must not be removed from the test area or reproduced. Reproduction of copyrighted material is a federal offense.

#### Change of Address

If a candidate's address, as it appears on the admission card, is incorrect or will change before the "Result Mailing Date," please enter the corrected or new address on the back of the admission card in the space provided before turning it in to a proctor at the end of the afternoon session. Admission cards will be collected from all candidates at the conclusion of the examination.

#### Examination Schedule

The Qualifying Examination will consist of a morning session and an afternoon session. The sessions are not separate examinations, but are graded together as one examination and will not be separately administered.

The morning session is 3 hours and 15 minutes in duration and the afternoon session is 3 hours in duration, and both sessions will consist of multiple choice questions of two types (one best answer or multiple true-false). In general, each test item consists of a question, a case history, or a situation followed by a list of possible answers. Instructions for completion of each type are given in the Examination Booklet that candidates will receive at the examination. Included in each Examination Booklet is an Answer Sheet upon which candidates must record their answers by filling in the appropriate circle (in pencil).

#### Content of the Examination

The subjects covered in the examination are listed below, and both sessions will cover the entire field of plastic surgery, with no differentiation in content between the morning and afternoon sessions.

1. Basic techniques, wound healing, microsurgery, transplantation.
2. Burns, sepsis, metabolism, trauma, resuscitation, nutrition, endocrinology, shock, hematology.
3. Pre- and postoperative care, anesthesia, cardiorespiratory care, complications, clinical pharmacology.
4. Tumors of the head and neck, skin, and breast; including treatment by radiation therapy, immunotherapy, chemotherapy, and surgery.
5. Trunk, lower extremity, musculoskeletal system, pressure ulcers, rehabilitation.
6. Hand, peripheral nerves, rehabilitation.
7. Maxillofacial and craniofacial surgery and microsurgery.
8. Congenital anomalies, genetics, teratology, facial deformity, speech pathology, gynecology, and genitourinary problems.
9. Aesthetic (cosmetic) surgery, psychiatry, and legal medicine.
10. Basic knowledge of pathology (eg, the biologic behavior of neoplasms, inflammation, and repair).
11. Gross and functional anatomy, embryology.

The questions for the examination cover subjects considered to be of fundamental importance to competent performance in the

field of plastic surgery. Every effort is made to avoid "trick" questions, ambiguity, and questions involving irrelevant facts. All questions are analyzed by psychometric techniques to ensure their quality.

Candidates will pass or fail on the strength of their performance on the entire Qualifying Examination.

#### Results

Letters of notification of the results of the Qualifying Examination will be mailed on the date indicated on the admission card. The time period between administration of the examination and notification is necessary to allow for extensive analysis and to ensure that individual results are reliable and accurate.

Results of the examination will be divulged to no one until after the Board letter has had time to reach candidates. If a week has elapsed after the "Result Mailing Date" and candidates still have not received the letter from the Board, they may then call for information. Information will be given to no one but a candidate personally. The Board staff will verify a candidate's identity prior to releasing results to them.

#### Pass

If a candidate passes the Qualifying Examination, he or she will be informed of this fact.

Only those candidates who have submitted a 12-month case list compilation acceptable to the Board, along with the \$500 nonrefundable fee, will be sent an Announcement Letter, Booklet of Information, reply card, and a hotel reservation card approximately 3 months in advance of the date and place of the next Certifying Examination. Note, however, that the Board requires that candidates for certification be in the independent practice of plastic surgery for at least 2 years before they may take the Certifying Examination, only if their application was approved after July 1, 1986. Candidates beginning the independent practice of plastic surgery, July 1, 1989, and thereafter, must have completed at least 2 years of practice, in the same locale, before they may take the Certifying Examination.

The 2 years of practice need not be consecutive but the candidate must be in practice during the 12-month period required for compilation of the case list. Currently, that period ends on December 31 of the year preceding the Certifying Examination.

#### Fail

If a candidate fails the Qualifying Examination, he or she will be informed of this fact.

In case of failure, the candidate must repeat the entire Qualifying Examination.

Each candidate will receive a single final grade for the entire examination. To complete the Qualifying Examination successfully, candidates must achieve a passing grade for the entire examination.

The score on the examination will be determined by the total number of alternatives answered correctly. Therefore, candidates are encouraged to answer all items. Candidates will receive an individual computer-generated letter concerning their performance on the examination.

The Board will obtain from an appropriate contractor a report, which will be sent to candidates' plastic surgery residency training directors and to the Residency Review Committee for Plastic Surgery, concerning the performance of the candidates on the Qualifying and Certifying Examinations.

#### Hand Scoring

Hand scoring of the Qualifying Examination will be performed upon written request. To request hand scoring, candidates must write to the Board Office within 30 days from notification of the results. Candidates will be responsible for an extra charge for hand scoring of

the examination. This charge will be determined by the Secretary-Treasurer of the Board.

### Certifying (Oral) Examination

The Certifying Examination will be conducted each fall or at such other time as deemed suitable by the Board. The examination will be given on the dates and at the times specified. No exceptions will be made.

Candidates will be deemed admissible to the Certifying Examination only if they

1. Have passed the Qualifying Examination
2. Have fulfilled the 2-year independent practice of plastic surgery as it applies to them
3. Have submitted a 12-month case list compilation acceptable to the Board (see Instructions for Data Compilation and Submission of Data), and
4. Are actively engaged primarily in the practice of plastic surgery and hold active operating privileges in a hospital approved by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) or its Canadian equivalent.

### Instructions/Information Pertaining to the November 10-12, 1994 Certifying (Oral) Examination

#### Announcement Information

Candidates who are deemed admissible to the Certifying Examination will be sent annually, throughout their period of admissibility, an Announcement Letter, Booklet of Information, reply card, and a hotel reservation card, approximately 3 months before the date of the examination to be given in the fall of that year. When the reply card is received, candidates must signify their intent to take the examination by completing and returning the reply card and examination fee immediately to the Board Office.

Both sides of the reply card must be completed, otherwise candidates will not be scheduled for examination if their hospital appointments are not recorded.

Candidates are responsible for their own travel, hotel accommodations, and expenses. A hotel reservation card is included with the reply card. Candidates may use this card if they wish to stay in the hotel at which the examination is to be given.

#### Admission to Examination

If the returned reply card and balance of the examination fee (\$700) for the Certifying Examination are not postmarked on or before September 1, a late penalty fee of \$300 will apply.

Reply cards and balance of the examination fee (\$700) postmarked September 2 up to and including September 15 will be considered only on a space available basis and the late penalty fee of \$300 must accompany these items. Reply cards and balance of the examination fee (\$700) postmarked after September 15 will not be accepted for admission to the fall Certifying Examination.

(The names of candidates who are late returning the reply cards and balance of the examination fee [\$700] will be kept on file. If openings develop by the withdrawal of other candidates, the late candidates may be admitted in the order of the receipt of reply cards. No candidate will be admitted less than 4 weeks preceding the examination.)

Once candidates have been scheduled for the Certifying Examination, they will be sent an admission card 5 to 6 weeks before the date of the examination. On this card will be printed the candidate's name and address, the assigned candidate number, the date and time to report, the location of the examination, the specific room in which candidates are to assemble, and the "Result Mailing Date."

At the same time, the Board Office will also mail candidates ten folders for the binding of the Board selected case reports and labels in a separate large envelope. It is imperative that candidates place the assigned candidate number, which appears on the admission card, on the label affixed to the cover of each one of the case reports, along with the other required information. See Requirements for Case Reports.

Advise the Board Office immediately by telephone (215 587-9322) if the admission card is lost prior to the examination.

#### Withdrawal From Examination

Candidates wishing to withdraw from the examination must send written notification postmarked at least 30 calendar days before the date of the examination. The examination fee will be refunded less a processing charge of \$300. Candidates who withdraw from the examination after this date or who fail to appear for the examination will forfeit the entire examination fee. The Board may waive this rule if the circumstances so warrant.

#### Requirements for Case Reports

The following materials, collated in this order, must be present in each of the case reports submitted

1. A brief narrative summary of the preoperative, operative, and postoperative course of the patient. Include a final separate paragraph entitled "outcome" and indicate here the outcome of the treatment and the final condition of the patient. This paragraph will appear at the bottom of the same page as the narrative summary.
2. Pre- and postoperative photographs; approximately 3½×5-inch black-and-white or color prints glued on 8½×11-inch white bond paper. Intraoperative photographs are strongly recommended. Diagrams or simple drawings may be substituted for intraoperative photographs. Descriptive legends and dates of the photos must be placed adjacent to each photo. Transparencies will not be accepted.
3. Photocopies of the original operative reports.
4. Photocopies of the original anesthetic records.
5. Photocopies of pertinent laboratory data.
6. Photocopies of the pathologist's report.
7. Photographs of pertinent x-rays or scans. (Actual x-rays are unacceptable.) Each x-ray or scan should be dated in a manner that is easily visible.
8. Photocopies of the original progress notes including the patient's history and physical examination, and all postoperative and post-discharge progress notes, both in the hospital and from the office records, including the initial consultation. If legibility is a problem, include a typewritten copy also.
9. Photocopies of the actual bill(s) submitted to the patient. The actual dollar amount of the fee should be deleted.

In the event that more than one procedure is performed on the patient during the 12-month case list period include all procedures and hospitalization that fall within the 12 months. You are not required to document procedures that fall prior to or after the 12-month period. However, if these procedures increase understanding of the case they may be included at the candidate's discretion. Documentation for procedures falling outside the 12-month period does not have to be complete—the candidate may be selective here.

Note: If the records are not in English, an accurate and complete English translation must accompany them.

#### Presentation of Case Reports

Candidates will be asked to assemble 10 Board selected case reports in the folders provided by the Board and to bring these case reports to the fall Certifying Examination.

During the examination candidates must be prepared to defend the choice of operation and to present alternate treatment plans considered. The Board, at its discretion, may request certification of case reports by the hospital(s) where candidates performed the operation(s).

Hospital and office records must clearly identify the candidate as the attending physician and surgeon. However, the candidate need not necessarily be the admitting physician, so long as he or she is clearly the attending plastic surgeon. Cases done by a resident under the candidate's supervision may be chosen by the Board and will be considered in the same way as cases done personally.

Each report must be typed or reproduced on standard, letter-sized white paper (8½×11-inch) with the candidate's full name and assigned candidate number, the number of the case, the hospital (or other identifying) number, the principal diagnosis, and the primary operation listed on the title page. Bind the cases singly in the folders supplied by the Board. Do not place any pages or photographs in acetate (sheet protectors). Photos must be glued to white bond paper.

Group all operative notes, anesthesia records, photographs, etc, together in chronologic order such that all operative notes will appear in one location in the book, all photographs in one location, etc.

In the circumstances of excessively long hospitalizations resulting in progress note sections of such thickness that they cannot be bound in one case folder, this section may be debrided of nonpertinent notes and then bound separately, brought to the examination, but retained by the candidate and not turned in with the Case Reports. A notation of this necessity should appear at the beginning of the progress note section. Thus the candidate will produce this extra material only upon request of their examiners.

Candidates must provide a list of all 10 cases. The list must be typed on a single sheet of white bond paper and be bound at the beginning of the first case in its folder. Identify the list, with your full name and assigned candidate number. For each case, include the following information

1. Category
  - a. Congenital
  - b. Hand
  - c. Maxillofacial trauma
  - d. Breast
  - e. Aesthetic
  - f. Burns
  - g. Lower extremity, perineum, trunk
  - h. Head and neck
  - i. Microsurgery
  - j. Skin
  - k. Other
2. Patient's hospital (or other) identifying number
3. Primary diagnosis
4. Procedure(s) done by the candidate

The Board regards the Case Reports submitted as important evidence of the candidate's basic ability to carry out plastic surgical procedures and to organize and present information in a succinct and complete fashion.

Improper or disorganized preparation of this material will be sufficient cause to disqualify a candidate for continued examination.

### Disqualification on Case Reports

If a candidate is disqualified for continuation in the examination process because the case reports are judged unacceptable (for whatever reason) it will not be recorded as a failure, but is counted as one of the opportunities to appear. However, because the Board has

incurred expenses to provide a candidate with an examination, the examination fee less the processing charge of \$300 will be refunded.

### Examination Schedule

The oral examination for candidates will occupy 1 full day. Late arrival may result in denial of admission to the examination. The Board Office will assign the day (second or third day) on which candidates will be examined. This assignment is by random computer selection. The Board regrets that half of the candidates (those selected for examination on the third day) will have an empty day (the second day). However, it is still necessary that all candidates turn in cases on the first day in order for examiners to have a full day for review of the cases.

#### First Day

8:00 am–9:00 am

All candidates register and hand deliver case reports to the room designated on the admission card.

11:30 am–12:30 pm

Orientation Conference for candidates for discussion of Oral Examination format. Attendance is mandatory.

1:00 pm–7:00 pm

Candidates should be available in their hotel rooms (or reachable by telephone) during this time frame in case the Board wishes to contact them regarding the examination on their cases.

#### Second Day

7:00 am

Candidates assemble for instructions

7:45 am–12:30 pm

Oral Examinations—Case Reports

1:45 pm–5:30 pm

Oral Examinations—Theory and Practice

6:15 pm–7:15 pm

Voluntary debriefing session

#### Third Day

7:00 am

Candidates assemble for instructions

7:45 am–12:30 pm

Oral Examinations—Case Reports

1:45 pm–5:30 pm

Oral Examinations—Theory and Practice

6:15 pm–7:15 pm

Voluntary debriefing session

Note: The times of the above Examination Schedule are subject to change and will be finally announced on the morning of the examination.

### Instructions and Procedures

Candidates will receive specific instructions concerning the examination at the assembly on the morning of the day of examination. Candidates will also be given a schedule showing the time and the location of each examination session. Failure to appear on time for any session of examination will lead to a grade of fail on that section. Candidates should be outside the examination room 5 minutes before the assigned time. It is not necessary for candidates to announce their presence. If, however, a candidate has not been invited into the examination room by the examiners by 10 minutes after the scheduled time, the candidate should notify the temporary Board Office immediately.

The Board has made every effort to assign candidates to examiners whose knowledge of the candidate's background would not bias their evaluation of performance. If candidates find that an exam-

iner to whom they have been assigned played a role in their training, is a close friend or relative, is a close professional associate, or has examined them previously, they must inform the Board Staff immediately. However, unless conflicts are identified in advance of the actual examination, the conduct and grades of that session can not be contested on the basis of prior contact or knowledge.

### Description of the Examination

Each examination session is designed to evaluate the candidates' breadth and depth of knowledge, their ability to apply it in the solution of a wide range of clinical problems, and matters related to ethics. Each session is structured in that the examiners are given a schema to be followed. This approach assures uniformity and prevents duplication. Each of the examiners on each team is expected to pose problems and questions to candidates.

All examiners are diplomates of the American Board of Plastic Surgery, Inc, are active in the practice and/or teaching of plastic surgery, and have been certified by the Board for more than 5 years. They are respected members of the profession and known for their surgical knowledge, expertise, and scientific contributions. They have been instructed in the technique and purposes of the examination process. Each team includes a senior examiner and a guest examiner.

The Certifying Examination is given on one day and consists of two parts.

1. A 1-hour oral examination on 10 major cases (see Case Reports) selected by the Board and indicative of the candidate's work in the field of plastic surgery.
2. A 45-minute oral examination on the theory and practice of plastic surgery on material prepared by the Board.

Each candidate will be examined by two teams of examiners. Grades will be given by all four examiners and all four grades combined will determine the passing or failing status of each candidate.

The Board is determined that the examination shall be as comprehensive and objective as practical. Its intention is that every candidate be provided an equal opportunity to become Board certified. The same standard is applied to each candidate insofar as is possible.

### Change of Address

If a candidate's address, as it appears on the admission card, is incorrect or will change before the "Result Mailing Date," please enter the corrected or new address on the back of the admission card in the space provided. Candidates should deliver the admission card to the temporary Board Office at the examination center before 11:00 am on the day scheduled to appear for the Certifying Examination indicating the corrected or new address.

### Debriefing Session

On the evenings of the second and third days, there will be voluntary debriefing sessions for candidates taking the examination that day. The Board encourages candidates to attend for the purpose of evaluating the examination just completed.

### Results

Every candidate will be evaluated by each member of his or her examining teams, and performance may be discussed in detail by the entire Board. The final decision regarding certification will be rendered by the entire Board at its meeting following the completion of the fall Certifying Examination. Do not call the Board Office for information. Do not call your Examiners.

Letters of notification of the results of the Certifying Examination will be mailed on the date indicated on the admission card. Regardless of the reason, results of the examination will be divulged to

no one until after the Board has had time to reach candidates. If a week has elapsed after the "Result Mailing Date" and candidates still have not received the letter from the Board, they may then call for information. Information will be given to no one but a candidate personally. The Board Staff will verify a candidate's identity prior to releasing results to him or her.

### Examination Performance

Candidates desiring information concerning performance after they have received the letter of notification, may correspond, within 30 days of notification, by writing to the Chairman of the Certifying Examination Committee at the Board Office. Candidates will be responsible for an extra charge for information concerning their performance. This charge will be determined by the Secretary-Treasurer of the Board.

### Future Case List Compilation

Candidates for the 1995 Certifying Examination will be required to provide the Board with a compilation of operative cases and hospitalized patients for a 12-month period beginning January 1, 1994, and ending December 31, 1994. The method of compilation of the case list will use a computerized program available on an IBM compatible floppy disk (3½ or 5¼-inch). The computerized mechanism provides a standardized list that will facilitate review. Candidates with IBM compatible office equipment or those desiring to rent such services will find the menu driven program easy to complete. The printed list will be in chronological order for each institution (hospital, office-based surgery, etc) and include: patient's name, hospital (or other) identifying number, age, sex, date of operation, diagnosis, procedure performed (if any), CPT codes plus modifiers (identical to those used for billing on that case), and outcome including complications. The floppy disk for compiling this list will be provided upon written request to the Board Office. Disk requests for the 1995 Certifying Examination will be honored up to and including December 31, 1994. Absolutely no disk requests will be honored after this date.

Preparation of the case list using the IBM program can be selected from menu options and will follow simple instructions sent with each disk by the Board Office upon written request. To print in the desired format requires a "landscape capable" laser printer. A vertically oriented printout (for review purposes) can be obtained from a simple dot-matrix printer. Because this system is menu driven, it should prove simple to use by offices with IBM compatible equipment. Offices not having IBM compatible equipment may choose to have their raw list transferred to this form by renting stenographic service. After generation of the case lists and preparation of the additional material the disk will be returned to the Board Office with an original and a copy of the Candidate Case Summary Sheet (obtainable via computer disk) and completed case lists (affidavits for each institution are automatically printed out on the last page of each institution's case list).

### Instructions for Data Compilation

A helpful suggestion is to begin compiling your list on a weekly or monthly basis, and to not wait until January to start compilation on the IBM compatible disk.

1. It is essential that complete information be provided under diagnosis and procedure. Provide an accurate description of the diagnosis and the operative procedure as taken from the operative note. Do not use ICD-9 and CPT codes in place of the description of the diagnosis and procedure. If the case was nonoperative, include a diagnosis taken from the discharge summary. Include ALL CPT codes plus modifiers (identical to those used for billing on that case) applicable for each case in the section for CPT

codes. (Military, Kaiser Permanente, Shriners Burns Hospitals and candidates practicing in Canada are exempt from using CPT codes.) Everyone else must record the CPT codes used for insurance billing purposes as well as all cases that were not billed to insurance (eg, aesthetic/cosmetic).

2. Do not list assistant cases, namely cases billed by the candidate as an assistant surgeon. This exclusion does not cover cases performed by a resident and attended by the candidate, or cases billed as cosurgeon; such cases should be included on the case list.
3. It is essential that information be provided under "outcome." A short statement with respect to the outcome of each case will help guide the Board. Not all cases "heal without problems." Examples would include "necrosis of tip of flap" or "normal sensation returned, but index finger stiff after tendon repair." Outcome recording using the computer program will be provided by Number Selection—only numbers 3, 4, and 5 require written explanation.
4. The list must be keyed for multiple operative procedures on the same patient. This keying is automatic for the computer program, but be certain that hospital (or other) identifying numbers and names are consistent for a patient with multiple procedures.
5. All operative procedures must be included whether inpatient, ambulatory outpatient, or office-based surgery. All patients hospitalized by the candidate as the admitting physician must also be included, even if the patient is managed nonoperatively. Outpatient surgery performed in the office (moles) that does not require a dictated note does not need to be included, but the Board would suggest that the candidate err in the direction of inclusion rather than exclusion of cases from the list. Inpatient consultations on other services that did not culminate in an operation, performed by the candidate, need not be included.
6. All admitted emergency room patients and all outpatient emergency room cases that required an operative note must be included.
7. The completed list(s) must be signed by the medical record librarian of each institution (hospital, ambulatory surgery center, etc) and be properly notarized as a complete list of the respective candidate's operative experience. Operations performed by the candidate in the office must also be listed and signed by the appropriate office personnel who can attest to completeness.
8. Two Candidate Case Summary Sheets (an original and a copy) must be submitted. This form will facilitate the review process of the Board. This form will be directly generated from the IBM program by menu selection.
9. Two copies (the original and a copy) of the complete compiled list of cases of the 12-month experience of January 1, 1994, to December 12, 1994, including the signed and notarized affidavits, two Candidate Summary Sheets, and a check for \$500 (nonrefundable) made payable to the American Board of Plastic Surgery, Inc (in United States funds), must be postmarked on or before February 1, 1995, in order for a candidate to be considered for admission to the fall 1995 Certifying Examination.

#### Submission of Data

1. Print your 12-month case list.
2. The affidavits must be signed by the medical record librarian of each institution and notarized (see 7 under Instructions for Data Compilation).
3. Make a copy of the entire case list including the signed and notarized affidavits.
4. Place the original 12-month case list, including the signed and notarized affidavits for each institution, in a separate compilation: also make a separate compilation for each of the copies. Staple each institution's case list together.

Hold aside original and copy of the printed sheet that includes the six-digit candidate number, name, address, telephone number(s), and candidate affidavit.

5. Take the stapled case list including the signed and notarized affidavits for the first institution (case list starts with page 1) and staple the "Candidate Affidavit" to the top of this section only. Follow the same process for the copy of the first institution.
6. Place all of your stapled original 12-month case lists including the signed and notarized affidavits together; place the computer generated Candidate Case Summary Sheet on top; attach all of this together using a binder clip or rubber band. Follow the same process for your stapled copies of the 12-month case lists including the signed and notarized affidavits using a copy of the computer generated Candidate Case Summary Sheet. Do not place this material in binders or notebooks.
7. You are now ready to mail your completed case list information, the completed IBM disk, and \$500 (nonrefundable) fee to the Board Office. Make check payable to the American Board of Plastic Surgery, Inc (must be in United States funds).

In order to ensure delivery of your materials, we suggest that you send your materials by a carrier providing assurance of delivery and receipt. Most overnight carriers can furnish this information within 30 minutes of delivery. We strongly discourage you from calling the Board Office to check on receipt of materials since inquiry calls of this nature greatly hamper the Board Staff in processing the enormous volume of materials received at this time.

#### Reminder

Candidates who do not provide the required items in the manner outlined will not be considered for admission to the fall 1995 Certifying Examination. The items submitted will be returned to the candidate. Unequivocally no exceptions can be made regarding incomplete lists.

The absolute postmarked deadline for two sets of the computer generated 12-month case list including the signed and notarized affidavits, and Candidate Case Summary Sheets is February 1, 1995. A \$500 (nonrefundable) fee must be enclosed to provide for review of the case list and selection of ten cases for preparation as Case Reports. The IBM compatible floppy disk must be included with the printed materials. No lists or other material will be accepted after this postmarked date.

It is the responsibility of each candidate to keep copies of all materials submitted to the Board. The Board will not make copies of missing information for candidates. Make sure that all materials have been proofread and properly collated. Check to be certain that all pages have been numbered in sequence, this will appear in the upper right hand corner of each page.

#### Photographic Documentation

Particular emphasis should be placed on the necessity of photographic documentation. Preoperative and postoperative photographs are mandatory on all cases and intraoperative photographs may aid in further illustration of the clinical problem.

The Board advises candidates who have not acquired the habit of routine photographic documentation of all patients to do so at their earliest convenience. Any cases from this 1-year period may be selected. Therefore all cases during this year must have photo documentation, including all hand cases (ie, carpal tunnel cases, etc).

#### Board Review/Selection Process

The Board will review the Candidate Case Summary Sheet and Candidate's Case List to determine if the candidate's operative list reflects a mature enough experience in the representative areas of the field of plastic surgery to permit examination of the candidate

for certification as an expert in the specialty. In the event that the case list offered is not adequate to allow selection of cases, the candidate will be deemed ineligible for the fall Certifying Examination. The candidate will be allowed to submit another list of cases for the following year. The presentation of a list by a candidate for case list selection that is found inadequate will constitute one of the opportunities to appear for the Certifying Examination. It will not, however, count as an unsatisfactory performance. Written notification regarding case lists inadequate to allow for Board selection of Case Reports will be sent by July 15, 1995, or sooner, if possible. In the meantime, do not contact the Board Office prior to that date with respect to the list.

The Board will select ten cases from the candidate compiled 12-month case list and request each candidate to prepare Case Reports. The Board-selected Case Reports will be prepared in the same format and with similar requirements as in past years: pre- and postoperative photographs, operative reports, pathology reports, X-rays where pertinent, and postoperative office progress notes, and a copy of the actual bill submitted for services to the patient. The actual dollar amount of the fee should be deleted.

The list of Board-selected cases for preparation as Case Reports will be sent to candidates by July 15, 1995, along with an Announcement Letter, Booklet of Information, reply card and a hotel reservation card for the November 9-11 (Thursday - Saturday), 1995, Certifying Examination. Do not contact the Board Office prior to that date with respect to the list.

Please be advised that the format for the fall 1996 Certifying Examination will be similar in nature and will require a 12-month case list (January 1, 1995, to December 31, 1995).

## Special Situations

### Appeals Policy

The Board has established a policy relative to resolution of questions or disagreements regarding its decisions on admissibility to examination, the form, contents, administration or results of the Qualifying Examination, the administration of the Certifying Examination, and the revocation of certificates. If an individual has a concern in any of these areas, it should be expressed in writing to the Board Office, and a copy of the Appeals Policy will be sent to that individual.

### Examination of Candidates with Disabilities

The American Board of Plastic Surgery, Inc, complies with the Americans with Disabilities Act by making a reasonable effort to provide candidates who have proven disabilities with modifications of its examination process that are appropriate for such disabilities. No modification will be made that alters the measurement of the skills or knowledge that the examination process is intended to test. Any disability that a candidate believes requires such a modification in the Board's examination process must be identified and documented by the candidate within 60 days after the candidate is notified of admissibility to the examination process or within 60 days after the candidate learns of such disability, whichever is later.

### Examination Irregularities

The validity of scores on the Board's examinations is protected by every means available. The Board will not report a score that it has determined to be invalid (ie, that does not represent a reasonable assessment of the candidate's knowledge or competence sampled by the examination). The performance of all candidates is monitored and may be analyzed for the purposes of detecting invalid scores.

The Qualifying Examination will be supervised by proctors to ensure that the examination is properly conducted. If evidence by observation or analysis suggests that a candidate's scores may be

invalid because of irregular behavior, the Board will withhold those scores pending further investigation and the affected candidate will be notified.

Examples of irregularities affecting the validity of scores would include, but not be limited to, the following: (1) using notes; (2) sharing information or discussing the examination in progress; (3) copying answers from another candidate; (4) permitting one's answers to be copied; (5) or unauthorized possession, reproduction, or disclosure of examination questions or other specific information regarding the content of the examination, before, during, or after the examination.

In such circumstances, upon analysis of all available information, the Board will make a determination as to the validity of the scores in question. If the Board determines that the scores are invalid, it will not release them, and notification of that determination may be made to legitimately interested third parties.

Candidates or other persons who are directly implicated in an irregularity are subject to additional sanctions. For example, the Board may bar the persons permanently from all future examinations, terminate a candidate's participation in an ongoing examination, invalidate the results of the candidate's examination, and withhold or revoke a certificate or take other appropriate action. Candidates or other persons subject to additional sanctions will be provided with a written notice of the charges and an opportunity to respond to such charges in accordance with the reconsideration and appeal procedure established by the Board.

### Substance Abuse or Chemical Dependency

Applicants with a history of abuse of a controlled substance or chemical dependency will not be admitted to any examination unless they present evidence satisfactory to the Board that they have successfully completed the program of treatment prescribed for their condition, and the Board is satisfied that they are currently free of such substance abuse or chemical dependency.

## Certification

After candidates have met the requirements for admissibility and passed the examinations of the Board, certificates attesting to their qualifications in plastic surgery will be issued by the Board. A surgeon who is granted certification by the Board is known as a diplomate of the Board.

It shall be the prerogative of the Board to determine the fitness, professionally and ethically, of any candidate for a certificate; and the Board, for cause, may defer or deny certification to any candidate.

### Certificates

Certificates issued by the Board shall be in such form as the directors may from time to time determine. They shall be signed by the Chairman, the Vice-Chairman, and the Secretary-Treasurer of the Board and shall have placed upon them the official seal of the Board.

Beginning in 1995, certificates issued by the Board will be dated and will be valid for 10 years. Revalidation will be accomplished by the Board's recertification process.

Certificates of the Board shall state that the holder has met the requirements of the Board and is certified by the Board as a medical specialist in plastic surgery and is entitled to be known as a "diplomate of the American Board of Plastic Surgery, Inc." The names of all diplomates will be submitted to the American Board of Medical Specialties for publication in its directory unless they notify the Board in advance that they do not wish to be listed.

### Revocation

Any certificate issued by the Board shall be subject to revocation at any time that the Board determines that an individual was not properly qualified to receive it.

Each certificate issued by the Board shall be subject to revocation if the physician so certified has made any misstatement of material fact, or has failed to make any statement of material fact, in his or her application for such certificate or in any other statement or representation to the Board or its representatives, or has otherwise acquired the certificate by deception. Upon revocation the certificate shall be returned to the Board.

The Board shall have the jurisdiction and right to determine whether or not the information placed before it is sufficient to constitute grounds for the revocation of any certificate. The individual will be provided with a copy of the appeals policy of the Board, and this policy will be observed in pursuing resolution of the problem.

### Foreign Certificates

Persons holding the foreign certificate issued prior to June 30, 1973, by the Board must relinquish their certificates to the Board in the event that they return to the United States for the purpose of practicing plastic surgery. Such individuals may apply for examination and certification in the manner described herein.

### Inquiries as to Status

The Board considers a candidate's record not to be in the public domain. When an inquiry is received by the Board regarding an individual's status with the Board, a general, but factual, statement is provided that indicates that person's location within the process of certification. The Board provides this information only to individuals, organizations, and institutions with a reasonably valid "need to know" for professional reasons.

The Board does not use or recognize the terms "Board-eligible" or "Board-qualified" and does not condone the use of those terms by candidates or any other persons or organizations.

The directors may adopt such further rules and regulations governing requirements, examinations, and issuance and revocation of certification as they may from time to time determine.

### Examination Dates

#### Certifying Examination

November 10–11–12, 1994 (Thursday–Saturday)  
Chicago, Illinois

#### Qualifying Examination

April 7, 1995 (Friday)  
Philadelphia, Pennsylvania, and San Francisco, California

### Important Dates

#### Application Process

January 15  
Absolute cutoff for receipt of all application material for admission to the spring Qualifying Examination. A late penalty fee of \$200 must accompany these items postmarked December 16 up to and including January 15.

Any application material postmarked after January 15 will not be accepted for admission to the spring Qualifying Examination.

#### April 30

Potential candidates for examination and certification (senior/chief residents) are advised to write to the Board Office requesting an Application for Examination and Certification form during the last 2 months of their residency, but no later than June 30. Application material will not be sent to prospective candidates after December 15.

#### December 15

Last date Board Office will send out application material for admission to the spring Qualifying Examination.

Last postmarked date for application material for admission to the spring Qualifying Examination before a late penalty fee of \$200 will apply.

### Qualifying (Written) Examination

#### March 1

Last postmarked date for reply cards and examination fees for the spring Qualifying Examination, before a late penalty fee of \$200 will apply. Reply cards and examination fees postmarked after this date (March 1) will be considered only on a space available basis and the late penalty fee will apply.

#### March 2–15

Reply cards and examination fees postmarked March 2 up to and including March 15 will be considered only on a space available basis and the late penalty fee of \$200 must accompany these items.

Any reply cards and examination fees postmarked after March 15 will not be accepted for admission to the spring Qualifying Examination.

### Certifying (Oral) Examination

#### February 1

The 12-month case list for prospective candidates for the upcoming Certifying Examination must be postmarked on or before this date to be considered for admission to the fall Certifying Examination. A nonrefundable fee of \$500 must be enclosed to provide for review of the case list and selection of 10 cases for preparation as Case Reports.

#### July 15

The list of Board-selected cases for preparation as case reports will be mailed to candidates for the fall Certifying Examination.

#### September 1

Last postmarked date for reply cards and balance of examination fee (\$700) for the Certifying Examination, before a late penalty fee of \$300 will apply. Reply cards and examination fee balance (\$700) postmarked after this date (September 1) will be considered only on a space available basis and the late penalty fee will apply.

#### September 2–15

Reply cards and examination fee balance (\$700) postmarked September 2 up to and including September 15 will be considered only on a space available basis and the late penalty fee of \$300 must accompany these items.

Any reply cards and examination fee balance (\$700) postmarked after September 15 will not be accepted for admission to the fall Certifying Examination.

#### December 31

Last date disk requests will be honored for compilation of the 12-month case list (January 1–December 31).

### Special Consideration

#### March 1

Last postmarked date for submission of written special requests and documentation for consideration by the Committee on Credentials and Requirements at the spring meeting.

#### September 1

Last postmarked date for submission of written special requests and documentation for consideration by the Committee on Credentials and Requirements at the fall meeting.

Note: Fees must be submitted in United States currency only. Foreign currencies, including Canadian, are unacceptable.

If there is a discrepancy between a metered postmark and an official United States postal service postmark, the latter will be considered official.

## American Board of Preventive Medicine

George K Anderson, MD, MPH, Chair, San Antonio, Texas

Michael A Berry, MD, MS, Vice Chair for Aerospace Medicine, Houston, Texas

David C Deubner, MD, MPH, Vice Chair for Occupational Medicine, Toledo, Ohio

Hugh H Tilson, MD, DrPH, Vice Chair for Public Health and General Preventive Medicine, Research Triangle Park, North Carolina

Joseph M Cannella, MD, MS, Secretary Treasurer, Princeton, New Jersey

Anita S Curran, MD, MPH, New Brunswick, New Jersey

Alan M Ducatman, MD, Morgantown, West Virginia

William R Elsea, MD, MPH, Atlanta, Georgia

Ruth Ann Etzel, MD, PhD, Atlanta, Georgia

Mark Bernarr Johnson, MD, MPH, Lakewood, Colorado

Dorothy S Lane, MD, MPH, Stony Brook, New York

Royce Moser, Jr, MD, MPH, Salt Lake City, Utah

Alfred K Neumann, MD, MPH, Los Angeles, California

Judith Rubin, MD, MPH, Baltimore, Maryland

James M Vanderploeg, MD, MPH, Houston, Texas

Alice R Ring, MD, MPH, Executive Director, Schiller Park, Illinois

Constance R Hyland, Administrator, Schiller Park, Illinois

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Preventive Medicine to ascertain whether the information below is current.)*

### Requirements for Admission to Examinations

Each applicant for a certificate in aerospace medicine, occupational medicine, or public health and general preventive medicine is required to meet certain requirements to be admitted to the certifying examination. Such requirements are determined by the Board.

Approval for admission to the examination can only be established after the review of a complete application by the full Board at one of its semiannual meetings. No individual member of the Board is authorized to give an opinion on the admissibility of candidates.

For the information of applicants, such requirements are summarized below.

#### General Requirements

1. Graduation from a medical school in the United States or Canada that at the time of the applicant's graduation was accredited by the Liaison Committee on Medical Education, a school of osteopathic medicine approved by the American Osteopathic Association, or from a medical school located outside the United States and Canada that is deemed satisfactory to the Board.
2. An unrestricted and currently valid license to practice medicine in a state, territory, commonwealth, or possession of the United States or in a province of Canada.
3. A year of supervised postgraduate clinical training provided as part of an accredited residency or internship program and comprising experience involving direct patient care.
4. Successful completion of a course of graduate academic study and award of a Master of Public Health or equivalent degree, the course content of which shall include biostatistics, epidemiology,

health services management and administration, and environmental health. If the institution itself does not have or award the Master of Public Health degree or equivalent, the Board will consider individual exceptions.

5. Residency of not less than 1 year that shall have provided supervised experience in the practice of the field of preventive medicine in which certification is sought. The year shall include planned instruction, observation, and active participation in a comprehensive organized program accredited by the Accreditation Council for Graduate Medical Education (ACGME) (practice year).
6. A period of not less than 1 year of full-time special training or research in, or teaching or practice of, the field of preventive medicine in which certification is being sought (practice year).
7. The applicant must have been engaged in essentially full-time training for, or practice of, aerospace medicine, occupational medicine, or public health and general preventive medicine for at least 2 of the 5 years preceding application for certification.

#### Special Requirements in Aerospace Medicine

1. A period of not less than 1 year of supervised training and instruction in the field of aerospace medicine is required. (See No. 5 under General Requirements above.)
2. A period of not less than 1 year of full-time special training or research in, or teaching or practice of, aerospace medicine. (See No. 6 under General Requirements above.)
3. The applicant must have been engaged in training for, or the practice of, aerospace medicine for at least 2 of the 5 years preceding application for certification. (See No. 7 under General Requirements above.)

#### Special Requirements in Occupational Medicine

1. A period of not less than 1 year of supervised training and instruction in the field of occupational medicine is required. (See No. 5 under General Requirements above.)
2. A period of not less than 1 year of full-time special training or research in, or teaching or practice of, occupational medicine. (See No. 6 under General Requirements above.)
3. The applicant must have been engaged in training for, or the practice of, occupational medicine for at least 2 of the 5 years preceding application for certification. (See No. 7 under General Requirements above.)

#### Special Requirements in Public Health and General Preventive Medicine

1. A period of not less than 1 year of supervised training and instruction in the field of public health and general preventive medicine is required. (See No. 5 under General Requirements above.)
2. A period of not less than 1 year of full-time special training or research in, or teaching or practice of, public health and general preventive medicine. (See No. 6 under General Requirements above.)
3. The applicant must have been engaged in training for, or the practice of, public health and general preventive medicine for at least 2 of the 5 years preceding application for certification. (See No. 7 under General Requirements above.)

### Equivalencies for Accredited Training

Persons graduating from a school of medicine or school of osteopathic medicine prior to January 1, 1984, who have not formally completed all of the components previously described may be considered for admission to the examination if their training and experience are judged by the Board to provide suitable equivalency for that formal training.

Persons graduating after January 1, 1984, will be admissible to the examination only after completing accredited training in pre-



ventive medicine. No equivalency pathways will be considered for such graduates.

The Board will consider granting equivalency credit toward satisfying training requirements for such factors as

1. Teaching or completion of graduate coursework in the four core areas of epidemiology, biostatistics, health services management and administration, and environmental health; and
2. Periods of full-time practice, research, or teaching in the field of preventive medicine in which certification is sought. A total of 8 years of full-time practice is required if no other specialty certification is held, but may be reduced to 6 years if certification is held in another specialty recognized by the American Board of Medical Specialties (ABMS). For those with an MPH or equivalent degree but no practicum year, a period of 4 years of full-time practice is required in the field of preventive medicine for which certification is being sought, a period that can be reduced to 3 years if other ABMS specialty certification is held.

Each applicant is considered individually by the Board in accordance with the existing guidelines. Applications must be received by June 1 of each year. Requirements must be completed by August 1 of the year in which the applicant wishes to sit for the examination.

The Board will accept enrollment in one of the short courses or "mini-residencies" as evidence of training in the four core areas of biostatistics, epidemiology, health services management and administration, and environmental health only if it was successfully completed before January 1, 1992. Such training, however, is not residency training and is applicable only in equivalency pathways.

### Application

Individuals seeking to apply for admission to the examination should write to the executive director of the Board for application forms.

### Examination

The examination is a 1-day written examination given in the late fall of each year. It is a multiple-choice examination, with the morning portion covering the core knowledge of preventive medicine and the afternoon portion covering aerospace medicine, occupational medicine, or public health and general preventive medicine.

Applicants requiring special examination accommodations due to a disability should contact the Board Office for assistance at least 1 month prior to the examination.

The examination results, which do not include individual identifiers, are reviewed by the full Board during its January meeting. Final determination of candidates' certification status is made at that time.

### Reapplication and Reexamination

An applicant approved for admission to the examination who fails to take the examination within 3 years of the date he or she is notified of approval to sit for the examination is required to file a new application and pay a new application fee.

Applicants not approved for admission to the examination may request reconsideration of their applications on the basis of new or additional information within 2 years of the filing date of the original application, without payment of an additional application fee.

Candidates not passing the examination may, upon timely application and payment of appropriate fee, be admitted to reexamination within 3 years of the initial approval.

A candidate who has failed to pass the examination on two occasions may be required to have additional training, in accordance with recommendations from the full Board, before being admitted to further examination.

Candidates not passing the examination three times must submit a new application and fee to reestablish admissibility.

### Certification

Upon satisfactory completion of the examination, a certificate will be issued stating that the applicant has been found to possess special knowledge in the specified field of preventive medicine. The certificate will be signed by officers of the Board and will have the Board's seal affixed. Each certificate remains the property of the Board, but the person to whom it is issued is entitled to its possession unless it is revoked.

Any certificate issued by the Board may be revoked if evidence, satisfactory to the Board, is presented that the applicant was not eligible to receive it at the time of issuance; or that any pertinent fact had been misstated, misrepresented, or concealed; or that licensure to practice medicine has been suspended or revoked. Note: The issuance of a certificate to a person does not constitute membership on the Board.

### Multiple Certification

An individual may apply sequentially for admission to examination in more than one field of preventive medicine. The applicant must fulfill the individual requirements of each field in which application is made, cannot "double count" the same year for practicum or practice periods, and may not apply in more than one area in a given year.

### Notice of Certification

Certification decisions are made only by action of the full Board, in one of its semiannual meetings, held in August and January.

Candidates who have taken the examination may expect to be notified of results within 3 months after taking the examination.

### Fees

The members of the Board serve without compensation. Fees are based on the actual expenses incurred in review of applications; examination development, administration, and scoring; and office administration.

A \$200 application fee is required if the applicant holds an MPH or equivalent degree and has completed an ACGME-accredited residency in the field of preventive medicine in which certification is sought.

A \$350 application fee is required if the applicant is applying through the equivalency pathway.

Application fees are nonrefundable.

The examination fee of \$1,000 is due 45 days prior to the examination.

### Listing of Individuals Certified

A list, current to the date of publication, of persons to whom certificates have been issued by the Board may be found in The Official ABMS Directory of Board Certified Medical Specialists.

### Reporting of Changes of Address

Once certified, physicians should notify the following offices of any changes of address

1. The American Board of Preventive Medicine, Inc.
2. The Records and Circulations Department, American Medical Association, 515 N State St, Chicago, IL 60610, the office that maintains a master file of all physicians in the United States.
3. *Marquis Who's Who*, 121 Charlton Rd, New Providence, NJ 07974, publisher of the *Official American Board of Medical Specialties Directory of Board Certified Medical Specialists*.

## Important Dates

**June 1:** Deadline for completed application forms, application fees, and reapplication requests to be received in the Board Office for the November examination.

**August 1:** Deadline for completion of requirements to sit for the November examination.

**August:** Meeting of the Board to determine admissibility of applicants to November examination. Letters of notification of admissibility for November examination are mailed to candidates after the August Board meeting. Notification cannot be given by telephone.

**October:** Deadline for examination fee to be received in the Board Office for approved candidates who wish to sit for the November examination. Date varies from year to year, and is stated in letter of admissibility.

**November:** Annual 1-day written examination in Chicago, Illinois. Date will vary from year to year and is stated in letter of admissibility.

**January:** Meeting of the Board to determine the pass/nonpass score for the previous November examination.

**February:** Results of November certifying examination sent by letter to candidates after the Board meeting. Notification cannot be given by telephone.

# American Board of Psychiatry and Neurology

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 Ludwig Gutmann, MD, Vice-President, Morgantown, West Virginia  
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*(Please note that this is not an official document of the American Board of Psychiatry and Neurology, Inc. The Board cannot accept responsibility for errors made in the printing of this material. Please contact the Board's Executive Office for official policies and procedures of the Board.)*

Throughout this section, the American Board of Psychiatry and Neurology may be referred to as the "Board" or the "ABPN." References to "residency" refer to entry at the PGY-2 level unless stated otherwise. "Accredited or approved programs" refers to programs accredited by the Accreditation Council for Graduate Medical Education (ACGME) or the Royal College of Physicians and Surgeons of Canada.

## General Information Pertaining to All Candidates

### History

The American Board of Psychiatry and Neurology, Inc (ABPN), is a nonprofit corporation that was founded in 1934 following confer-

ences of committees appointed by the American Psychiatric Association, the American Neurological Association, and the then Section on Nervous and Mental Diseases of the American Medical Association. This action was taken as a method of identifying the qualified specialists in psychiatry and neurology.

### Composition of the Board

The Board consists of 16 members. Membership on the Board is distributed among the Board's nominating organizations as follows: five psychiatrists from the American Psychiatric Association, three psychiatrists from the American Medical Association, four neurologists from the American Neurological Association, and four neurologists from the American Academy of Neurology. Each of these organizations proposes nominees to represent it on the Board, but the Board itself selects its members. The Board is independently incorporated.

Elections to fill the places of members whose terms have expired take place annually. Neurology and psychiatry are always equally represented on the Board. The Board holds meetings several times each year for the purpose of examining candidates and transacting business.

### Mission Statement

The goal of the ABPN is to enhance the quality of psychiatric and neurologic care through the voluntary certification process and thereby serve the public interest.

Methods for achieving that goal include, but are not limited to, efforts to

1. Describe, in terms of knowledge and skills, a physician with special expertise in evaluation, diagnosis, and treatment of patients with psychiatric and/or neurologic disorders, or who require psychiatric and/or neurologic assessment
2. Set the standards for knowledge and skills required for certification
3. Construct and administer examinations designed to evaluate those skills and knowledge
4. Monitor, evaluate, and improve the standards and procedures of the certification process
5. Participate in the appropriate Residency Review Committees of the ACGME to set standards for the quality and scope of residency training programs to ensure that their graduates will obtain necessary training credit toward certification
6. Issue certificates and other forms of recognition to successful candidates
7. Make available lists of diplomates who have fulfilled the requirements for certification
8. Inform the public, other professions, and other medical organizations of the purposes, activities and responsibilities of the corporation, and
9. Participate in the activities of the American Board of Medical Specialties (ABMS) and its member boards.

### Rules and Regulations

In carrying out its specified functions, the Board has formulated rules and regulations to guide its activities and to indicate to applicants and other interested persons its policies regarding training requirements, examinations, fees, etc. These rules and regulations are amended from time to time. The statements contained in this brochure are the most recent amendments and represent the current policy of the Board.

The Board shall have authority to issue from time to time, and thereafter to amend, rules and regulations relating to the issuance and revocation of certificates as to qualification in the practice of psychiatry or neurology, or both, or their recognized subspecialties.

### Certificates

The Board currently issues eight types of certificates: (1) psychiatry, (2) neurology, (3) neurology with special qualification in child neurology, (4) child and adolescent psychiatry, (5) added qualifications in geriatric psychiatry, (6) added qualifications in clinical neurophysiology, (7) added qualifications in addiction psychiatry, and (8) added qualifications in forensic psychiatry. An applicant may be certified in more than one area. The applicant shall receive a separate certificate for each area in which he or she qualifies. Each certificate shall be in such form and for such period of time as may be specified by the Board.

### Recertification

Effective October 1, 1994, all individuals achieving Board certification by the ABPN in psychiatry, neurology, neurology with special qualification in child neurology, and child and adolescent psychiatry will be issued 10-year, time-limited certificates. All certificates for Added Qualifications are valid for 10 years from the date issued.

### Revocation of Certificates

The Board shall have authority to revoke any certificate issued by it or to place a certificate holder on probation for a fixed or indefinite time if

1. The certificate was issued contrary to or in violation of the Bylaws or any rule or regulation of the Board.
2. The person to whom the certificate was issued made any material misstatement or omission of fact to the Board in his/her application or otherwise.

Certification shall continue in force only so long as the holder has an unlimited license to practice medicine.

### Unethical Behavior of Candidates

Since the Board believes that the ethics of candidates for certification are of concern, it has adopted the following rules

1. The falsification of credentials will be cause for the Board's refusal to admit a candidate to examination for at least 4 years.
2. The Board will consider legal action against anyone who forges an ABPN certificate, copies ABPN examinations or otherwise uses them in conflict with copyright laws, or in any other way violates the legal prerogatives of the Board. Such activities will also be cause for the Board's refusal to admit a candidate to examination for at least 4 years.
3. Scores on the Part I examination may be invalidated for reasons of irregular behavior that indicates cheating. Statistical analyses may be used to confirm such behavior. If the examination score is invalidated, the candidate may submit a written appeal within 30 days of notice on invalidation. An appeal fee of \$325 must accompany the written appeal. The Committee to Review Appeals will review the materials and recommend action to the Board. The Board will review the materials and make a decision that, in all cases, will be final and binding on the Board and on the candidate. All correspondence or other materials should be sent to the Board office. If the examination score is invalidated because of irregular behavior, the Board will not consider the candidate for examination for a period of at least 4 years. A repeat application and Part I examination fee will be required.
4. Irregular behavior that indicates cheating on the Part II examination may be considered sufficient reason to invalidate the candidate's score. In that event, the Board will not consider the candidate's repeat application for Part II for a period of at least 4 years. Another Part II examination fee will be required.
5. "Irregular behavior that indicates cheating" shall include, but not be limited to, the following conduct: (a) copying of answers from another candidate's examination; (b) knowingly permitting another candidate to copy one's answers on an examination; (c) unauthorized possession, reproduction, or disclosure of materials,

including examination questions or answers, before, during, or after the examination; (d) use of audio equipment to record any part of the Part II examination; (e) offering any financial or other benefit to any director, officer, employee, proctor, diplomate, or other agent or representative of the Board in return for any right, privilege, or benefit that is not granted by the Board to other similarly situated candidates or persons.

6. Notification of the Board's action may be sent to legitimately interested third parties, including the American Medical Association, state medical societies, and appropriate specialty societies.
7. A proposal to impose upon a candidate one of the penalties identified in paragraphs 1, 2, 4, and 6 hereof shall constitute a "negative determination" subject to the "Appeal Procedure for Negative Determinations Regarding Applications" or the "Appeal Procedure for Negative Determinations Regarding Part II Examinations."
8. Upon the expiration of the 4-year period cited in paragraphs 1, 2, 3, and 4 hereof, the candidate may send to the Board a written request for lifting of the ban, together with a written explanation of the reasons for lifting of the ban that will then be reviewed by the Board for a final decision. The decision will be final and binding on the Board and on the candidate. All correspondence or other materials should be sent to the Board office.

### Board Eligibility

The ABPN, in accordance with the policy of the ABMS, does not recognize or use the term "board-eligible," and does not issue statements concerning "board eligibility." The Board informs an applicant of admissibility to examination only when the applicant has an active, approved application on file in the Board office.

### Examiners and Committee Members

Any individual who participates in any review course that is publicized as being a Board review course, or in any course that could be construed as a Board review course, or who has edited or provided written or audiovisual materials for publications identified as preparation for Board examinations, should not participate as an examiner in any Part II examinations, child and adolescent psychiatry examinations, or as a member of a Board Committee for at least 12 months subsequent to the course of publication of any written or audiovisual materials.

### Application/Training Requirements

#### Application

Deadline for receipt of completed applications in the Board office for the October 17, 1995, Part I examination is February 1, 1995.

All licensing and training requirements must be met by June 30, 1995.

A physician who wishes to be examined by the Board shall complete, sign, and file with the executive vice president an application on the current official application form. The application must include the required application and Part I examination fees and supporting data. Supporting data consist of

1. Documentation of all residency training by a copy of certificates of training including exact dates, or a letter of verification of training from the training director(s) including exact dates of training. If the resident is still in training, a letter from the training director documenting that the resident is in the final year of training and that training will be completed by June 30, 1995, must be submitted. Immediately after the resident has completed training, a letter verifying successful completion of training must be submitted by the training director. Documentation of successful completion of training completed by June 30, 1995, must be in the Board office no later than July 15, 1995.

2. Documentation of PGY-1 by a letter of verification from the training director describing the exact length and content of rotations completed during PGY-1. If the PGY-1 was a full year of internal medicine, pediatrics, or family practice, a photocopy of the certificate of completion including the exact dates may be submitted in lieu of the letter from the training director.
3. A photocopy of current unlimited license renewal registration showing the expiration date. If the resident has a temporary license at the time the application is submitted, a photocopy of the current unlimited license must be submitted no later than July 15, 1995.
4. Four autographed photographs. Heavy cardboard-backed photos or peel-apart photos will not be accepted. Photos should be passport-size and may be either black-and-white or color photos.

The "Information for Applicants" booklet and the application are reviewed each year and may be obtained from the Board office.

Only current applications will be accepted. Photocopies of applications will not be accepted.

Applications submitted without fees will not be accepted. Fees received without applications will be returned.

Part I application and examination fees are neither refundable nor transferable.

Part I sites are assigned based on the order in which applications are received and approved in the Board office. If a site is filled to capacity, the second choice will be assigned. If the second choice site is filled to capacity, the third choice will be assigned, etc.

An acknowledgment postcard accompanies each application. That card, when stamped, self-addressed, and enclosed with the application, will be returned to the candidate as acknowledgment that the application has been received by the Board office.

Once the card is returned to the candidate, it may take up to 16 weeks for the candidate to receive information regarding the status of the application. Applications are reviewed in order of receipt.

An applicant who does not receive notification from the Board office by August 1, 1995, of the acceptance or rejection of his/her application should contact the Board office.

#### Applicants With Disabilities

The Board recognizes that physicians with disabilities may wish to take the Board's examinations and will attempt to make accommodations for applicants with verified disabilities. The Board supports the intent of the "Americans with Disabilities Act (ADA)."

You are reminded, however, that "auxiliary aids (and services) can only be offered that do not fundamentally alter the measurement of skills or knowledge the examination is intended to test" (Americans with Disabilities Act, Public Law 101-334 §309 (b)(3)). Applicants must advise the Board in writing if they are requesting any accommodations from the Board due to a disability no later than the deadline for submitting their application for the Part I examination. The applicant may be asked to submit appropriate documentation of the disability and a description of previous accommodations provided during other examinations. If the Board deems it necessary, an independent medical assessment may be requested at the expense of the ABPN.

The Board office has TDD (Telecommunications Device for the Deaf) capability. Using it, hearing impaired persons can communicate with the Board as easily as dialing 708 374-4223 and typing in a message.

#### General Requirements

The applicant must establish that

1. He/she has an unlimited license to practice medicine in a state, commonwealth, territory, or possession of the United States, or a province of Canada. All applicants are required to submit copies

of licenses with current registrations and expiration date with their Part I applications.

2. He/she has satisfactorily completed the Board's specialized training requirements in psychiatry, neurology, neurology with special qualification in child neurology, or any of its subspecialties. References to "residency" refer to entry at the PGY-2 level unless stated otherwise.

Residency training must be in the specialty in which the applicant seeks certification. No residency training credit can be given for time spent in a residency program in another specialty. Training programs approved by the Residency Review Committees and accredited by the ACGME can be found in the current issue of the *Graduate Medical Education Directory*, published by the American Medical Association. This directory includes the *Essentials of Accredited Residencies in Graduate Medical Education*.

Training may be completed on a part-time basis, provided that it is no less than half-time, and credit will not be given for less than one-year blocks of training except under special circumstances, which must be approved by the ABPN Credentials Committee.

Training programs may develop individual leave or vacation time for residents in accordance with the overall institutional policy. Leave or vacation time may not be utilized to reduce the total amount of required residency training or to make up deficiencies in training.

To ensure continuity of training, the Board requires that 2 of the 3 years of residency training be spent in a single program. On occasion, the Board will consider alternate patterns of training that have not included the required 2 years spent in a single program, provided that the total residency permitted the applicant to assume progressive levels of responsibility and that a comprehensive curriculum was covered. In such cases, it is the responsibility of the applicant to provide detailed documentation from the respective training directors outlining training content, duties, and responsibilities. Each case will be considered on an individual basis.

#### Appeal Procedure for Negative Determinations Regarding Applications

The rejection of credentials for admission to an examination is considered a "negative determination." An applicant who has submitted a formal application and receives a negative determination regarding his/her application, may appeal by complying with the following procedures:

Within 30 days after date of notice of a negative determination, the applicant may, by writing, indicate his/her request for a formal appeal of his/her application rejection. The following materials must accompany this request: appeal fee of \$350 and any additional written information tending to rebut the negative determination. All correspondence and other materials should be sent to the Board office.

For psychiatry applicants, the Committee on Credentials for Psychiatry will review the materials and recommend action to the Psychiatry Council consisting of all current psychiatry directors. The Psychiatry Council will review the materials and make a decision that, in all events, will be final and binding on the Council, on the Board, and on the applicant.

For neurology and neurology with special qualification in child neurology applicants, the Committee on Credentials for Neurology will review the materials and recommend action to the Neurology Council consisting of all current neurology directors. The Neurology Council will review the materials and make a decision that, in all events, will be final and binding on the Council, on the Board, and on the applicant.

## Certification in Psychiatry

An applicant who seeks admission to examination for certification in psychiatry must have satisfactorily completed an approved PGY-1 and 3 full years of postgraduate, specialized residency training in a psychiatry program accredited by the ACGME or the Royal College of Physicians and Surgeons of Canada.

### 1. Training Requirements for Physicians who entered Residency Training Programs on or after July 1, 1977, and before July 1, 1986.

Two patterns of training are acceptable:

**A. Three Years Training Following a First Postgraduate Year:** Prior to entering an approved 3-year training program in psychiatry a physician must have completed 1 year of approved training after receiving the degree of Doctor of Medicine or Doctor of Osteopathy that included a minimum of 4 months of internal medicine, pediatrics, or family practice. Or

**B. Four-Year Training Programs:**

A 4-year program in psychiatry would be acceptable with the provision that no less than 4 months during one of the years (preferably the first year) be spent in an approved program providing supervised, direct responsibility for the general medical care of children and/or adults.

### 2. Training Requirements for Physicians who entered Residency Training Programs on or after July 1, 1986, and before July 1, 1997.

Two patterns of training are acceptable:

**A. A broad-based clinical year of accredited training in the United States or Canada in internal medicine, family practice, or pediatrics; or an ACGME-approved Transitional Year Program that included a minimum of 4 months of primary care; or an ACGME-approved residency in a clinical specialty requiring comprehensive and continuous patient care plus 3 full years of postgraduate, specialized residency training in a psychiatry program accredited by the ACGME or the Royal College of Physicians and Surgeons of Canada (RCPSC). Or**

**B. Four-Year Training Program:**

Four years of training in an ACGME-approved program in psychiatry would be acceptable with the provision that no less than 4 months during one of the years of training be spent in an approved program providing supervised, direct responsibility for the general medical care of children and/or adults.

Effective July 1, 1988, all osteopathic physicians entering a PGY-2 in psychiatry must have successfully completed an approved PGY-1 as described above.

Effective January 1, 1994, all physicians who trained in Canada must have completed an approved PGY-1 as described above plus 4 years of postgraduate, specialized residency training in a psychiatry program accredited by the RCPSC.

Training requirements for physicians entering residency training in psychiatry on or after July 1, 1997:

An applicant seeking admission to examination for certification in psychiatry and entering residency training on or after July 1, 1997, must complete the following training in ACGME-approved programs. Two patterns of training are acceptable

1. A broad-based clinical year of ACGME-approved training in the United States in internal, family practice, or pediatrics; or an ACGME-approved transitional year program including a minimum of 4 months of primary care; or an ACGME-approved residency in a clinical specialty requiring comprehensive and continuous patient care plus 3 full years of postgraduate, specialized residency training in a psychiatry program accredited by the ACGME. Or

2. Four years of training in an ACGME-approved program in psychiatry would be acceptable with the provision that no less than 4

months during one of the years of training was spent in an approved program providing supervised, direct responsibility for the general medical care of children and/or adults.

## Training Credit From the United Kingdom

The following criteria apply to all applicants for Psychiatry who began their psychiatric residency training on or after July 1, 1976. Applicants who have completed residency training in the United Kingdom prior to July 1, 1976, must meet the criteria outlined in the section "Applicants with Non-US, Non-Canadian, or Non-UK Training."

For each year of psychiatric residency training completed in an approved hospital program in the United Kingdom, 1 year of training credit will be given toward eligibility for examination by the Board in psychiatry.

The hospital program must be among those approved by the Visiting Inspecting Specialty Committee in Psychiatry of the Royal College of Psychiatrists.

In order to obtain credit for 2 or 3 years of approved training in the United Kingdom, at least 2 years of the training must be spent at the same training center in psychiatry.

The applicant will be responsible for sending the details of his/her training to the Board office, along with verification of this training from the approved hospital or hospitals in the United Kingdom. The applicant's program director must certify that the applicant was engaged in full-time residency training.

As of July 1, 1985, all applicants for admission to examination who are requesting credit for training done in the United Kingdom must have an approved year of primary care training in the United States or Canada. The exception is restricted to those applicants who hold the Member of the Royal College of Psychiatrists (MRCPsych) certificate and completed training in its entirety in the United Kingdom. If training in its entirety (internship and residency training) was not completed in the United Kingdom, the applicant must complete an additional year of approved primary care training in the United States or Canada.

All physicians entering residency training in psychiatry on or after July 1, 1997, must complete the training as described above (Training requirements for physicians entering residency training in psychiatry on or after July 1, 1997). No credit will be granted for training completed in programs that are not accredited by the Accreditation Council for Graduate Medical Education.

## Applicants With Non-US, Non-Canadian, or Non-UK Training

The following criteria pertain to all applicants whose residency training was undertaken at a center located outside the United States, Canada, or the United Kingdom (with the exception of applicants who completed residency training in the United Kingdom prior to July 1, 1976).

The candidate must possess an unlimited license to practice medicine in a state, commonwealth, territory, or possession of the United States or a province of Canada.

The candidate must successfully complete a comparable national certification examination in the country of training in the specialty in which the physician is seeking admission to examination. The candidate must have achieved such certification within the past 7 years. If certification was achieved earlier, then the candidate must have had 1 year of clinical practice in a setting in which his/her professional work has been observed by at least two ABPN diplomates in that specialty and documented by two letters of sponsorship from such diplomates.

The only certifications recognized by the Board for psychiatry are:  
1. MRCPsych (Member of the Royal College of Psychiatrists)

2. FRANZCP (Fellow of the Royal Australian and New Zealand College of Psychiatrists)
3. FF Psych (SA) of the South African Medical and Dental Council (Fellowship of the Faculty of Psychiatry of the College of Medicine of South Africa)
4. Israel's Specialty Certification of the Scientific Council of the Israel Medical Association

All applicants with Non-US, Non-Canadian, or Non-UK training who do not meet the above criteria must complete training as listed under "Certification in Psychiatry."

As of July 1, 1985, all applicants for admission to examination must have an approved year of primary care training in the United States or Canada. The exception is restricted to those applicants who hold a certificate and training in its entirety (internship and residency training) in one of the above-mentioned countries. If training in its entirety was not completed in the country issuing the certificate, the applicant must complete an additional year of approved primary care training in the United States or Canada.

All physicians entering residency training in psychiatry on or after July 1, 1997, must complete the training as described above. (Training requirements for physicians entering residency training in psychiatry on or after July 1, 1997.) No credit will be granted for training completed in programs that are not accredited by the Accreditation Council for Graduate Medical Education.

### Certification in Neurology

An applicant who seeks admission to examination for certification in neurology must have satisfactorily completed an approved PGY-1 (see below for specifics) and 3 full years of postgraduate, specialized residency training in a neurology program accredited by the ACGME or the RCPSC.

1. Training Requirements for Physicians who entered Residency Training on or after July 1, 1987, and before July 1, 1991.  
(For neurology training requirements pertinent to physicians who entered residency training prior to July 1, 1987, see Appendix A.)

Two patterns of training are acceptable:

- A. Three years of training following a first postgraduate year: Prior to entering an approved 3-year residency training program in neurology a physician must have completed 1 year of approved graduate training after receiving the degree of Doctor of Medicine or Doctor of Osteopathy as follows:  
Physicians entering neurology residency training as of July 1, 1987, and before July 1, 1991, may enter neurology residency training programs only after an initial first year of graduate training in accredited programs in the United States or Canada in internal medicine or an ACGME-approved Transitional Program that includes at least a 6-month experience in internal medicine. Or
  - B. Four-Year Training Program:  
Four years of training in a neurology program approved by the ACGME for 4 years of training is acceptable.
2. Training Requirements for Physicians entering Residency Training in Neurology on or after July 1, 1991, and before July 1, 1994.  
Two patterns of training are acceptable:
    - A. A full year of training in internal medicine, or as an acceptable alternative, a full year in which a minimum of 8 months of training must be in internal medicine, the details of which must be documented by the internal medicine training director. The composition of these 8 months cannot include rotations in neurology or emergency medicine. To ensure that these 8 months constitute a high-quality experience, they should be obtained with an emphasis on progressive responsibility for the resident.

In addition, all physicians will be required to complete three full years of postgraduate, specialized residency training in a neurology program accredited by the ACGME or the RCPSC. Or

- B. Four-Year Training Program:

Four years of training in a neurology residency program approved by the ACGME for 4 years of training is acceptable.

3. Training Requirements for Physicians Entering Residency Training as of July 1, 1994, and before July 1, 1997.

Two patterns of training are acceptable:

- A. A full year of training in Internal Medicine, or as an acceptable alternative, a full year in which a minimum of 6 months of training must be in internal medicine, the details of which must be documented by the internal medicine training director. The composition of these 6 months cannot include rotations in neurology or emergency medicine. To ensure that these 6 months constitute a high-quality experience, they should be obtained with an emphasis on progressive responsibility for the resident.

At least 2 months of the additional 6 months must be spent in pediatrics and/or emergency medicine. No more than 2 months of the remaining 4 months may be spent in neurology.

In addition, all physicians will be required to complete three full years of postgraduate, specialized residency training in a neurology program accredited by the ACGME or the RCPSC. Or

- B. Four-Year Training Program:

Four years of training in a neurology program approved by the ACGME for 4 years of training is acceptable.

Effective July 1, 1988, all osteopathic physicians entering a PGY-2 in neurology must have successfully completed an approved PGY-1 as described above.

Physicians who trained in accredited programs in Canada must have successfully completed an approved PGY-1 as described above plus 4 years of postgraduate, specialized residency training in a neurology program accredited by the Royal College of Physicians and surgeons of Canada. (These requirements apply to those who began training in neurology in Canada on or after July 1, 1994.)

4. Training Requirements for Physicians Entering Residency Training in Neurology on or after July 1, 1997.

Two patterns of training are acceptable:

- A. A full year of training in internal medicine in an ACGME-approved program, or as an acceptable alternative, a full year in which a minimum of 6 months of training must be in internal medicine, the details of which must be documented by the internal medicine training director. The composition of these 6 months cannot include rotations in neurology, pediatrics, or emergency medicine. To ensure that these 6 months constitute a high-quality experience, they should emphasize progressive responsibility for the resident. At least 2 of the additional 6 months must be spent in internal medicine, pediatrics, or emergency medicine. No more than 2 of the remaining 4 months may be spent in neurology. In addition, all physicians will be required to complete 3 full years of postgraduate, specialized residency training in a neurology program accredited by the ACGME. Or
  - B. Four years of training in a neurology program approved by the ACGME for 4 years of training is acceptable.
5. Applicants with Non-US or Non-Canadian Training  
The following criteria pertain to all applicants whose residency training was undertaken at a center located outside the United States or Canada. The candidate must possess an unlimited li-

cense to practice medicine in a state, commonwealth, or territory of the United States or province of Canada.

As of July 1, 1985, the only residency training that will be considered is training completed in programs approved by the ACGME in the United States or by the RCPSC.

In lieu of a PGY-1 in an accredited program in the United States or Canada, the following certificates in internal medicine will be accepted:

- A. MRCP(UK)—United Kingdom's Member of the Royal College of Physicians
- B. MRACP—Australia and New Zealand's Member of the Royal Australasian College of Physicians
- C. FCP(SA)—South Africa's Fellow of the College of Physicians
- D. MRCP(I)—Ireland's Member of the Royal College of Physicians

The candidate must have achieved certification within the past 7 years. If certification was achieved earlier, then the candidate must have had 1 year of clinical practice in a setting in which his/her professional work has been observed by at least two ABPN diplomates in that specialty and documented by two letters of sponsorship from such diplomates.

For neurology training requirements pertinent to non-US or non-Canadian trained physicians who entered residency training prior to July 1, 1985, see Appendix A.

All physicians entering residency training in neurology on or after July 1, 1997, must complete the training as described above. (Training requirements for physicians entering residency training in neurology on or after July 1, 1997.) No credit will be granted for training completed in programs that are not accredited by the ACGME.

### Certification in Neurology With Special Qualifications in Child Neurology

Proper preparation for the practice of child neurology requires that the practitioner be a qualified neurologist who has had additional training in pediatrics and child neurology. To qualify for this certificate, a different type of preparation and certifying examination are required. The same diploma will be used, the only difference being that instead of certifying qualification in "neurology," it certifies qualification in "neurology with special qualification in child neurology."

An applicant seeking admission to examination for certification in neurology with special qualification in child neurology must have completed the following training in ACGME-approved programs or programs approved by the RCPSC. All training must be completed after receiving the degree of Doctor of Medicine or Doctor of Osteopathy.

1. Three patterns of training are acceptable for 2 of the 5 years of training:
  - A. The usual pathway is 2 years of training in general pediatrics. This is the only pathway that allows the applicant admission for examination by both the American Board of Pediatrics and the ABPN. Or
  - B. Effective for individuals entering training as of July 1, 1992, 1 year of training in general pediatrics and 1 year of research in the basic neurosciences. The basic neurosciences pathway was created as an alternative track for residents who are planning a research career in academic child neurology. The year of basic neurosciences would provide training in a research discipline related to child neurology and is intended to increase the trainee's knowledge base and competitiveness for federal and non-federal grant support. The trainee must make at least an 80% time commitment to basic neurosciences during this year of training. For the purpose of this training track, basic neurosciences is defined as laboratory research related to the

cellular or molecular basis of neurologic diseases. Examples of relevant basic disciplines include molecular neurogenetics, neurochemistry, neuropharmacology, neurophysiology, neuroanatomy, neuroimmunology, developmental neurobiology, biophysics, and cell biology. This track of training must be approved by the Board prior to completion of the 5 years of training. Or

- C. Effective for individuals entering training as of July 1, 1991, 1 year of training in general pediatrics and 1 year of training in internal medicine. An acceptable alternative to the 1 year of internal medicine is a full year in which a minimum of 8 months of training must be in internal medicine, the details of which must be documented by the internal medicine training director. The composition of these 8 months cannot include rotations in neurology or emergency medicine.

Effective for individuals entering training as of July 1, 1994, an acceptable alternative to the 1 year of internal medicine is a full year in which a minimum of 6 months of training must be in internal medicine, the details of which must be documented by the internal medicine training director. The composition of these 6 months cannot include rotations in neurology or emergency medicine. To ensure that these 6 months constitute a high-quality experience, they should be obtained with an emphasis on progressive responsibility for the resident.

At least 2 months of the additional 6 months must be spent in internal medicine, pediatrics and/or emergency medicine. No more than 2 months of the remaining 4 months may be spent in neurology.

In lieu of this year of internal medicine the following certificates will be accepted:

- 1. MRCP(UK)—United Kingdom's Member of the Royal College of Physicians
  - 2. MRACP—Australia and New Zealand's Member of the Royal Australasian College of Physicians
  - 3. FCP(SA)—South Africa's Fellow of the Royal College of Physicians
  - 4. MRCP(I)—Ireland's Member of the Royal College of Physicians.
2. Effective for individuals entering residency training as of July 1, 1991, 3 years of residency training in a child neurology program approved by the ACGME or a child neurology program approved by the RCPSC must be completed.

Effective for individuals entering residency training prior to July 1, 1991, 3 years of residency training in a neurology program approved by the ACGME or a neurology program approved by the RCPSC must be completed. One of these 3 years must be devoted to clinical child neurology.

3. Training Requirements for Physicians Entering Residency Training in Child Neurology on or after July 1, 1998.

An applicant seeking admission to examination for certification in neurology with special qualifications in child neurology must complete the following training in ACGME-approved programs. All training must be completed after receiving the degree of Doctor of Medicine or Doctor of Osteopathy.

Three patterns of training are acceptable for 2 of the 5 years of training:

- A. The usual pathway is 2 years of training in general pediatrics in an ACGME-approved program. This is the only pathway that allows the applicant admission for examination by both the American Board of Pediatrics and the ABPN. Or

B. One year of training in general pediatrics in an ACGME-approved program and 1 year of research in the basic neurosciences. The basic neurosciences pathway was created as an alternative track for residents who are planning a research career in academic child neurology. The year of basic neurosciences would provide training in a research discipline related to child neurology and is intended to increase the trainee's knowledge base and competitiveness for federal and non-federal grant support. The trainee must make at least an 80% time commitment to basic neurosciences during this year of training. For the purpose of this training track, basic neurosciences is defined as laboratory research related to the cellular or molecular basis of neurologic diseases. Examples of relevant basic disciplines include molecular neurogenetics, neurochemistry, neuropharmacology, neurophysiology, neuroanatomy, neuroimmunology, developmental neurobiology, biophysics, and cell biology. This track of training must be approved by the Board prior to completion of the 5 years of training. Or

C. One year of training in general pediatrics in an ACGME-approved program and 1 year of training in internal medicine in an ACGME-approved program. An acceptable alternative to the 1 year of internal medicine is a full year of ACGME-approved training which includes a minimum of 6 months of internal medicine, the details of which must be documented by the internal medicine training director. The composition of these 6 months cannot include rotations in neurology, pediatrics or emergency medicine. To ensure that these 6 months constitute a high-quality experience, they should be obtained with an emphasis on progressive responsibility for the resident.

At least 2 of the additional 6 months must be spent in internal medicine, pediatrics, or emergency medicine. No more than 2 months of the remaining 4 months may be spent in neurology.

In addition, all physicians will be required to complete 3 full years of postgraduate, specialized residency training in a child neurology program accredited by the ACGME.

All physicians entering residency training in neurology with special qualifications in child neurology on or after July 1, 1998, must complete the training as described above (Training requirements for physicians entering residency training in child neurology on or after July 1, 1998). No credit will be granted for training completed in programs that are not accredited by the ACGME.

## Examinations

The Board does not endorse or recommend any texts or other teaching aids identified as "Board preparation" material. Furthermore, the Board does not have any affiliation with or responsibility for programs identifying themselves as "Board Review Courses."

Though the purpose of the examination is to test the qualifications of the candidate in psychiatry or neurology, or both, it must not be forgotten that both these medical disciplines constitute part of the broad field of general medicine. The Board requires proficiency in neurology on the part of those it certifies in psychiatry and vice versa, but examines the candidate in accordance with the certificate he/she seeks.

The Board uses *DSM-III-R* as its primary authority in psychiatric diagnostic nomenclature. In 1995 both *DSM-III-R* and *DSM-IV* nomenclature will be acceptable.

Each candidate must pass both Part I and Part II of the examination given by the Board. Each examination shall cover such subjects as the Board may determine.

The Board may conduct examinations at such times and places as it deems appropriate. The Board reserves the right to limit the

number of candidates admitted to any scheduled examination. The administration and grading of all examinations shall be the sole discretion of the Board. After completion of such examinations, the candidate will be notified in writing by the executive vice president as to the results.

The Board is not liable for candidate travel and/or other related expenses incurred as a result of an examination cancellation.

## Part I Examination

### A. Part I Examination Procedures

The Part I examination is given once a year, on a regional basis throughout the United States and Canada, as well as in selected sites outside the continental limits of the United States. Applicants will be expected to indicate, in order of preference, their choice of four examination sites. Every effort is made to accommodate candidates in the locale of their choice.

Request for transfer to another site must be made in writing at least 90 days prior to the Part I examination. Changes will be made subject to space availability.

An applicant will be advised in writing by the Board of acceptance for examination.

One month prior to the examination candidates will receive an admission notice specifying their examination site and time to report for examination.

All applicants are required to sit for the Part I examination for which they have applied. Applicants who fail to do so will be required to request and submit a new application, supporting documentation, and the application and Part I examination fees.

A candidate who passes Part I shall, upon request, submit to the Executive Vice President a check payable to the Board to cover the fee for Part II. The Part II examination is given three to four times a year at selected locations in the United States. Candidates who pass Part I will automatically be assigned to a Part II examination with a specific date and location. The limited space available and the complicated logistics involved in administering the Part II examination make it extremely difficult for the Board to allow candidates to select either the site or the date for the Part II examination. Candidates assigned to the Part II examination are expected to be present as scheduled. All candidates will be scheduled for Part II within 1 year following notification of successful completion of Part I.

A candidate who fails the initial Part I examination may, upon payment of the Part I reexamination fee, repeat the examination the following year. Reexaminees who do not sit for reexamination as scheduled will be required to request and submit a new application, all supporting documentation, and the application and Part I examination fees. Two failures necessitate reapplication (request for a new application, all supporting documentation, and the application and Part I examination fees).

Effective March 1987, a passing grade on the Part I examination dated March 1987, or thereafter, will be valid for a period of 6 years, or three attempts to complete the Part II examination successfully, whichever comes first.

### B. Part I Examination Content—Psychiatry

Successful completion of the Part I written examination in psychiatry and neurology is required of candidates seeking certification in psychiatry.

The psychiatric portion of the examination will include questions on the following areas in psychiatry: normal and abnormal growth and development through the life cycle, biological and psychosocial dimensions of psychiatry, and clinical psychiatry (phenomenology, diagnosis, and treatment).



The neurologic portion of the examination will include questions on the following areas in neurology: neuroanatomy, neuropathology, neuropharmacology and clinical diagnostic procedures (including questions on cerebrospinal fluid, neuro-ophthalmology, electroencephalography, and neuroimaging), and therapy and clinical neurology (management of patients with neurologic disorders).

### C. Part I Examination Content—Neurology

Successful completion of the Part I written examination in psychiatry and neurology is required of candidates seeking certification in neurology or neurology with special qualification in child neurology.

The neurologic portion of the examination will include questions on the following areas in adult and child neurology: neuroanatomy, neuropathology, neurochemistry, neurophysiology, basic and clinical neuropharmacology, neuroimmunology/neurovirology, genetics, neuroendocrinology, neuroimaging, neuro-ophthalmology, neuro-otology, and cerebrospinal fluid.

The psychiatric portion of the examination will include questions on the following areas in psychiatry: developmental and other disorders of childhood, psychopathology and diagnostic criteria, the doctor-patient relationship, behavioral and personality changes associated with structural alterations, alcoholism and substance abuse, altered states of consciousness, memory disorders and cortical dysfunction, psychiatric problems associated with medical disease, diagnostic procedures, psychopharmacology, and nonpharmacologic therapeutic modalities.

### D. Appeal Procedure for Negative Determinations Regarding Part I Examinations

A failing grade on the Part I examination is considered a "negative determination." A candidate who receives a negative determination may appeal by complying with the following procedures:

Within 30 days after date of notice of a negative determination, the unsuccessful candidate may, by writing, indicate his/her request to have his/her examination hand scored. The appeal fee of \$325 must accompany the request. The candidate will be informed of the results of the hand scoring in writing, which, in all events, will be final and binding on the Board and on the candidate. All correspondence and other materials should be sent to the Board office.

## Part II

### A. Part II Examination Procedures

All successful Part I candidates will receive a notice of assignment to a Part II examination, together with a request to submit the required examination fee. Scheduling for the Part II examination will be made on a regional basis as much as possible. Candidates who fail to take Part II as scheduled by the Board will be required to reapply for the Part II examination.

The limited space available and the complicated logistics involved in administering the Part II examination make it extremely difficult for the Board to allow candidates to select either the site or the date for examination. It is the candidate's privilege to decline the assigned examination, but there is no guarantee that another date or location will be available within the year's examination cycle.

Candidates who do not pay the Part II examination fee for their scheduled examination by the deadline specified will be removed from the roster of candidates for that examination. Such candidates will be required to request and submit a Part II application in order to be scheduled for a future Part II examination. Examination fees will be requested at the appropriate time.

Candidates who pay their Part II examination fee but fail to appear at their scheduled Part II examination will forfeit the fee. Such candidates will be required to request and submit a Part II ap-

plication in order to be scheduled for a future Part II examination. Examination fees will be requested at the appropriate time.

One month prior to the date of the assigned Part II examination, a candidate will receive informational materials and an admission notice specifying the date, time, and place to report for registration. Candidates are requested to report for registration only at the date and time indicated on the admission notice. Registration schedules are arranged to accommodate candidates in accordance with their examination schedules.

### 1. Policy for Retaking the Part II Examination

A passing grade on the Part I examination dated March 1987, or thereafter, will be valid for a period of 6 years or three attempts to complete the Part II examination successfully, whichever comes first.

Psychiatry candidates must pass both sections of the Part II examination. A candidate who fails one or both sections of the examination must repeat both sections at each subsequently scheduled examination until he/she passes both sections at the same examination.

Neurology candidates must pass all three (two adult and one child) sections of the Part II examination. A candidate must repeat the section or sections he/she failed at each subsequently scheduled examination until he/she passes all the sections.

Child neurology candidates must pass all three (two child and one adult) sections of the Part II examination. A candidate must repeat the section or sections he/she failed at each subsequently scheduled examination until he/she passes all the sections.

Candidates who are unsuccessful in the Part II examination during the allotted time period will be required to request and submit a new Part I application, documentation, and the application and Part I examination fees.

### 2. Procedures for Retaking the Part II Examination

Candidates who have failed the Part II examination are automatically assigned to another Part II examination and are required to be present as scheduled. Candidates who fail to take the reexamination at the time specified are required to request and submit a Part II application. When possible, candidates submitting the Part II application will be scheduled for examination within 1 year from the date the Part II application is received in the Board office. Due to space limitations in the Part II examinations a wait longer than 1 year may become necessary. Candidates will be scheduled for examination based on space availability and order of receipt of application. A request for the examination fee will be made at that time. The examination fee should not be sent with the application.

Candidates who have submitted a Part II application may choose to decline two invitations to Part II examinations. If the third invitation is declined, the candidate will be required to request and submit a new Part II application and will be placed at the end of the waiting list once the application is received in the Board office.

Candidates should be aware of the expiration date of their passing the Part I examination and the number of times they have taken the Part II examination.

### 3. Rules of Forfeiture of Part II Examination Fee

A candidate who is unable to attend the Part II examination to which he or she has been admitted and who fails to notify the Executive Vice President in writing at least 90 days before the date of such examination shall forfeit the examination fee.

### B. Part II Examination Content

Part II, an oral examination, will include the examination of patients under the supervision of one or more examiners. The manner of examining patients, and the reasoning and deductions therefrom, will constitute an important part of the examination. Knowledge of basic science principles, special diagnostic procedures, and manage-

ment recommendations and risks are also essential parts of the examination, which is focused upon evaluation of clinical skills.

Candidates are expected to discuss their findings with their examiners. Questions frequently cover such areas as diagnosis, differential diagnosis, treatment, prognosis, and management. Reference to the basic sciences of psychiatry and neurology may be made.

Psychiatry candidates will take two examinations:

- One 1-hour examination in clinical psychiatry (patient)
- One 1-hour examination in clinical psychiatry (audiovisual)

In the patient section, the psychiatry candidate will be given approximately 30 minutes to examine a patient under the supervision of one or more examiners. Following the examination of the patient, the candidate will be examined by one or more examiners. This section will stress physician-patient interaction, conduct of the clinical examination, capacity to elicit clinical data, formulation, differential diagnosis and prognosis, therapeutic management, and knowledge of therapies. Additional questions may be addressed to the basic science of psychiatry.

The audiovisual section will consist of a videotaped psychiatric examination approximately 20 minutes in length, which the candidate will observe. Candidates will then be individually examined by one or more examiners with particular reference to the content of the tape. This discussion may also include other clinical topics.

Neurology candidates will take three examinations

- One 1-hour examination in clinical neurology (patient)
- One 1-hour examination in clinical neurology (without patient)
- One 1-hour examination in clinical child neurology (without patient)

Child neurology candidates will take three examinations:

- One 1-hour examination in clinical child neurology (patient)
- One 1-hour examination in clinical child neurology (without patient)
- One 1-hour examination in clinical neurology (without patient)

In the neurology and child neurology patient sections, the candidate will be given approximately 30 minutes to examine the patient under the supervision of one or more examiners. During the conduct of the examination, the candidate's ability to obtain an adequate history and perform a neurologic examination will be observed. Following the examination of the patient, the discussion with the examiner, which will be approximately 30 minutes in length, will focus on the evaluation of the findings and discussion of the diagnosis, treatment, and management. This discussion may not be limited to the patient examined and may also include other clinical topics. The examiners may also ask additional questions concerning the basic science of neurology.

Multiple written vignettes of patient encounters will be utilized as a basis for discussion of diagnosis and treatment in those sections in which there is no patient present.

Since candidates in child neurology are to be certified in "Neurology with Special Qualification in Child Neurology," it is agreed that those candidates will be expected to pass a 1-hour oral examination in clinical neurology (without patient), which is set at the same level of difficulty established for neurology candidates. The pass/fail standards for that hour in clinical neurology (without patient) will be the same whether the candidate is seeking certification in neurology or in neurology with special qualification in child neurology.

#### **C. Feedback to Unsuccessful Candidates on the Part II Examination**

A failing grade on a Part II examination is considered a "negative determination." Within 30 days after date of notice of a negative determination, the unsuccessful candidate may, by writing, indicate his/her request for feedback. The fee for providing feedback is \$100 and must accompany the written request. After such request, the

candidate will be provided information concerning his/her performance in the form of a checklist of categories passed and not passed. All correspondence or other materials should be sent to the Board office.

#### **D. Appeal Procedure for Negative Determinations Regarding Part II Examinations**

A failing grade on a Part II examination is considered a "negative determination." A candidate who receives a negative determination may appeal by complying with the following procedures.

Within 55 days after date of notice of a negative determination, the unsuccessful candidate may, by writing, indicate his/her request for a formal appeal of the examination results. The following materials must accompany this request: appeal fee, which is equal to the candidate's reexamination fee, and written information tending to rebut the negative determination. All correspondence and other materials should be sent to the Board office.

For psychiatry candidates the Committee to Review Appeals for Psychiatry will review the materials and recommend action to the Psychiatry Council consisting of all current psychiatry directors. The Psychiatry Council will review the material and make a decision that, in all events, will be final and binding on the Council, on the Board, and on the candidate.

For neurology or neurology with special qualification in child neurology candidates, the Committee to Review Appeals for Neurology will review the materials and recommend action to the Neurology Council consisting of all current neurology directors. The Neurology Council will review the materials and make a decision that, in all events, will be final and binding on the Council, on the Board, and on the candidate.

### **Subspecialization**

#### **A. Committee on Certification in Child and Adolescent Psychiatry**

In February 1959, the ABPN, in concurrence with the ABMS, established a Committee on Certification in Child Psychiatry. This was done to establish officially the field of child psychiatry as a definite area of subspecialization in psychiatry and to provide a means of identifying the properly trained and experienced child psychiatrist as distinguished from those who claim proficiency in this field without adequate background and qualifications. In November 1987, the name of the Committee was changed to the Committee on Certification in Child and Adolescent Psychiatry.

The actual mechanics of certification of qualified candidates and the establishment of basic policies have been delegated by the Board to the Committee, which operates under the supervision of and in accordance with the policies of the Board. The Committee presently consists of six members certified in child and adolescent psychiatry by the ABPN and one member certified by the American Board of Pediatrics.

The Committee holds meetings each year for the purpose of examining candidates and transacting business.

Each applicant for certification in child and adolescent psychiatry must be certified by the Board in the specialty of psychiatry prior to applying for examination in child and adolescent psychiatry. Training must be completed by the application deadline. The general policies regarding training, application, and examination in child and adolescent psychiatry are contained in the pamphlet "Information for Applicants for Certification in Child and Adolescent Psychiatry," which is available from the Board office.

Please note that applicants may submit application for examination in psychiatry after successful completion of the PGY-1, 2 years of residency training in psychiatry, and 1 year of residency training in child and adolescent psychiatry.

### **B. Committee on Certification for Added Qualifications in Geriatric Psychiatry**

In November 1989, the ABPN, in concurrence with the ABMS, established a Committee on Certification for Added Qualifications in Geriatric Psychiatry. This was done to establish officially the field of geriatric psychiatry as a definite area of subspecialization in psychiatry and to provide a means of identifying the properly trained and experienced geriatric psychiatrist.

The actual mechanics of certification of qualified candidates have been delegated by the Board to the Committee, which operates under the supervision of and in accordance with policies of the Board.

Each applicant for certification in geriatric psychiatry must be certified by the Board in the specialty of psychiatry prior to applying for examination for added qualifications in geriatric psychiatry. The general policies regarding training, application, and examination in geriatric psychiatry are contained in the pamphlet "Information for Applicants for Certification of Added Qualifications," which is available from the Board office.

### **C. Committee on Certification for Added Qualifications in Clinical Neurophysiology**

In October 1990, the ABPN, in concurrence with the ABMS, established a Committee on Certification for Added Qualifications in Clinical Neurophysiology. This was done to establish officially the field of clinical neurophysiology as a definite area of subspecialization in neurology and psychiatry and to provide a means of identifying the properly trained and experienced clinical neurophysiologist.

The actual mechanics of certification of qualified candidates have been delegated by the Board to the Committee, which operates under the supervision of and in accordance with the policies of the Board.

Each applicant for certification in clinical neurophysiology must be certified by the Board in the specialty of neurology, neurology with special qualification in child neurology, or psychiatry prior to applying for examination for added qualifications in clinical neurophysiology. The general policies regarding training, application, and examination in clinical neurophysiology are contained in the pamphlet "Information for Applicants for Certification of Added Qualifications," which is available from the Board office.

### **D. Committee on Certification for Added Qualifications in Addiction Psychiatry**

In October 1991, the ABPN, in concurrence with the ABMS, established a Committee on Certification for Added Qualifications in Addiction Psychiatry. This was done to establish officially the field of addiction psychiatry as a definite area of subspecialization in psychiatry and to provide a means of identifying the properly trained and experienced addiction psychiatrist.

The actual mechanics of certification of qualified candidates have been delegated by the Board to the Committee, which operates under the supervision of and in accordance with the policies of the Board.

Each applicant for certification in addiction psychiatry must be certified by the Board in the specialty of psychiatry prior to applying for examination for Added Qualifications in Addiction Psychiatry. The general policies regarding training, application, and examination in addiction psychiatry are contained in the pamphlet "Information for Applicants for Certification of Added Qualifications," which is available from the Board office.

### **E. Committee on Certification for Added Qualifications in Forensic Psychiatry**

In November 1992, the ABPN, in concurrence with the ABMS, established a Committee on Certification for Added Qualifications in Forensic Psychiatry. This was done to establish officially the field of

forensic psychiatry as a definite area of subspecialization in psychiatry and to provide a means of identifying the properly trained and experienced forensic psychiatrist.

The actual mechanics of certification of qualified candidates have been delegated by the Board to the Committee, which operates under the supervision of and in accordance with the policies of the Board.

Each applicant for certification in forensic psychiatry must be certified by the Board in the specialty of psychiatry prior to applying for examination for added qualifications in forensic psychiatry. The general policies regarding training, application, and examination in forensic psychiatry are contained in the pamphlet "Information for Applicants for Certification of Added Qualifications," which is available from the Board office.

## **Special Programs**

### **A. Supplementary Certification**

A candidate who has been certified in psychiatry, neurology, or neurology with special qualification in child neurology may apply for supplementary certification in another primary specialty upon submission of a new Part I application and Part I examination fee. The candidate will be scheduled for the next available Part I examination in the supplementary subject. The credentials for such other certificate must be acceptable to the Board.

More than one application may be on file simultaneously. It is the responsibility of the applicant to contact the Board office to avoid possible conflicts in examination scheduling.

### **1. Dual Certification in Psychiatry and Neurology**

Applicants seeking certification both in psychiatry and neurology who began residency training prior to January 1, 1988, must have completed the following 5 years of ACGME-approved postgraduate training

- a. A PGY-1 that meets requirements for either psychiatry or neurology;
- b. Two years of approved residency in psychiatry in a single training program; and
- c. Two years of approved residency in neurology in a single training program.

Applicants seeking certification both in psychiatry and neurology who began residency training as of January 1, 1988, must have completed the following ACGME-approved postgraduate training

- a. A PGY-1 that meets the requirements for entry into a neurology program;
- b. Either (1) 6 full years of postgraduate residency training in approved programs in the United States or Canada, including 3 full years in psychiatry and 3 full years in neurology; or (2) at the discretion and approval of both training directors and in accordance with Residency Review Committee requirements, the applicants may complete 5 full years of postgraduate training in approved programs in the United States or Canada, including 2 full years of residency training in psychiatry in a single program, 2 full years of residency training in neurology in a single program, and a full year that is jointly sponsored and coordinated by the psychiatry and neurology training directors to allow the resident to successfully complete all of the essentials for an approved residency program in psychiatry and an approved residency program in neurology.

The 5 years of residency training are usually taken at one approved institution but may be taken at no more than two approved institutions. An application for examination may be submitted after completion of an approved PGY-1, 2 full years of approved residency training in one specialty, and the full year of approved, jointly sponsored residency training.

### 2. Dual Certification in Neurology and Neurology with Special Qualification in Child Neurology

Applicants who have achieved certification in neurology and who wish to be certified in neurology with special qualification in child neurology will need to obtain the following additional training

- a. A minimum of 12 months of general pediatric training completed in a program accredited by the ACGME or by the RCPSC; and
- b. Twelve months of training in clinical child neurology completed in a program accredited by the ACGME or by the RCPSC.

A maximum of 3 months of child neurology training obtained during a neurology residency may be applied toward the required 12 months of child neurology training only if the 3 months was accomplished in an ACGME-approved child neurology program or a child neurology program accredited by the RCPSC. The neurology program director must document that this training was accomplished in an ACGME-approved child neurology program or a child neurology program accredited by the RCPSC.

Candidates will be required to request and submit a new completed Part I application and a \$350 processing fee. Such candidates will not be required to retake the Part I examination in neurology. The Part II examination fee will be requested after the application has been approved. Two 1-hour examinations in child neurology will be taken during the Part II examination.

### 3. Dual Certification in Child and Adolescent Psychiatry and in Neurology with Special Qualification in Child Neurology

An applicant who wishes to obtain certificates both in child and adolescent psychiatry and in neurology with special qualification in child neurology must meet the following requirements

- a. Certification by the Board in the specialty of general psychiatry prior to applying for examination in child and adolescent psychiatry (a minimum of 2 years of approved residency training in general psychiatry is required), and
- b. Completion of the requirements for certification in neurology with special qualification in child neurology.

#### B. Triple-Board Requirements

The ABP, the ABPN, and the Committee on Certification in Child and Adolescent Psychiatry of the ABPN have developed a committee that is overseeing training via a different format in six programs. This is a 5-year curriculum with 24 months of pediatrics, 18 months of adult psychiatry, and 18 months of child and adolescent psychiatry. Completion of the program will satisfy the training requirements for certification in all three areas. Physicians pursuing training in one of these six programs may not apply for examination until all training has been completed. The six approved programs are: Albert Einstein College of Medicine, Brown University, Mount Sinai School of Medicine, Tufts University School of Medicine, the University of Kentucky, and the University of Utah. For further information please contact the ABPN.

#### C. Combined Training Leading to Certification by Two Boards

The approved combined training programs are listed in the *Graduate Medical Education Directory*, or a listing may be obtained by writing the ABPN. The Board currently has the following programs:

##### 1. Dual Certification in Psychiatry/Internal Medicine

The ABPN and the ABIM have approved programs for combined psychiatry/internal medicine residency training.

##### 2. Dual Certification in Neurology/Internal Medicine

The ABPN and the ABIM have approved programs for combined neurology/internal medicine residency training.

### 3. Dual Certification in Neurology/Physical Medicine and Rehabilitation

The ABPN and the American Board of Physical Medicine and Rehabilitation have approved programs for combined neurology/physical medicine and rehabilitation residency training.

## Appendix A

1. Neurology training requirements for physicians who entered residency training prior to July 1, 1987.

Satisfaction of the following training requirements for residency is mandatory for physicians entering training programs on or after July 1, 1977, and before July 1, 1987, for neurology.

Two patterns of training are acceptable

- A. Three-Year Training Following a First Postgraduate Year: Prior to entering an approved 3-year training program in Neurology a physician must have completed 1 year of approved training after receiving the degree of Doctor of Medicine or Doctor of Osteopathy. This year of clinical experience should emphasize internal medicine, pediatrics, or family practice. The following programs would be acceptable

The Categorical First Year, Categorical First Year, and the Flexible First Year are in accord with those defined by the Department of Graduate Medical Education, American Medical Association. These were in effect from 1977 through 1981. Effective July 1982, ACGME-approved first postgraduate year training programs include only Categorical First Year, Categorical First Year, and Transitional Programs.

1. Categorical First Year: These are first-year programs planned, sponsored, and conducted by a single, approved residency program as part of that residency. The content of such a first year will be limited to the specialty field of the sponsoring residency program.

The Categorical First Year (beginning after 1977 and before 1986 for neurology candidates) must be completed in internal medicine, family practice, pediatrics, surgery, or obstetrics and gynecology.

2. Categorical First Year: The asterisk designates a first-year program that was planned, sponsored, and supervised by a single, approved residency program as part of that residency's program of graduate medical education, the content of which was not limited to the single specialty of the sponsoring residency program but may have included experience in two or more specialty fields.

The Categorical First Year in neurology must have included at least 4 months with direct patient care responsibility in internal medicine, family practice, or pediatrics.

3. Flexible First Year: The first year will be sponsored by two or more approved residencies and will be jointly planned and supervised by the residencies that sponsor it. The content of a flexible first year must include 4 months of internal medicine, but the remainder of the year may be designed in accordance with the purposes of the two or more sponsoring residency programs, and the interests and needs of the students.

4. Transitional Programs: Transitional programs are provided for physicians who desire in their first or later graduate year an experience in several specialties prior to embarking on further training in a single specialty. The criteria for a Transitional Year are outlined in the *Graduate Medical Education Directory*, published by the American Medical Association.

#### B. Four-Year Training Programs:

A neurology residency program approved by the ACGME for 4 years of training would be acceptable.

## 2. Applicants with Non-US, Non-Canadian Training

The following criteria pertain to all applicants whose residency training was undertaken at a center located outside the United States or Canada prior to July 1, 1985. The applicant must possess an unlimited license to practice medicine in a state, commonwealth, or territory of the United States, or province of Canada.

### A. Applicants from the United Kingdom

For each year of residency training completed in an approved hospital program in neurology in the United Kingdom, 1 year of training credit will be given toward eligibility for examination by the Board in neurology. The hospital program must be among those approved by the Visiting Inspecting Specialty Committee in Neurology of the Royal College of Physicians.

In order to obtain credit for 2 or 3 years of approved training in the United Kingdom, at least 2 years of the training must be spent at the same training center in neurology.

The applicant will be responsible for sending the details of his or her training to the Board office, along with verification of this training from the approved hospital or hospitals in the United Kingdom. The applicant's program director must certify that the applicant was engaged in full-time residency training. Credit for approved residency training in the United Kingdom will be given only for training begun on or after July 1, 1976. Applicants who have completed residency training in the United Kingdom prior to July 1, 1976, must meet the criteria outlined in the section Applicants with Non-US, Non-Canadian, or Non-UK Training, listed below.

### B. Applicants with Non-US, Non-Canadian, or Non-UK Training

The following criteria pertain to all applicants whose residency training was undertaken at a center located outside the United States, Canada, or the United Kingdom (with the exception of applicants who completed residency training in the United Kingdom prior to July 1, 1976).

1. The candidate must have had full-time specialty training in a manner equivalent in length of time and content to that required for US training
2. The candidate must successfully complete a comparable national certification examination in the country of training in the specialty in which the physician is seeking admission to examination, and
3. The candidate must have achieved certification within the past 7 years. If certification was achieved earlier, then the candidate must have had 1 year of clinical practice in a setting in which his or her professional work has been observed by at least two ABPN diplomates in that specialty and documented by two letters of sponsorship from such diplomates.

The only certifications recognized by the Board as clearly equivalent are

1. MRCP (Member of the Royal College of Physicians)
2. MRACP (Member of the Royal Australian College of Physicians)
3. Certification by the RCPSC

# American Board of Radiology

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Kenneth L Krabbenhoft, MD, Associate Executive Director, Pleasant Ridge, Michigan

Robert E Campbell, MD, Assistant Executive Director for Diagnostic Radiology, Philadelphia, Pennsylvania

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Isaac Sanders, MD, Los Angeles, California

Melvyn H Schreiber, MD, Galveston, Texas

James E Youker, MD, Milwaukee, Wisconsin

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Radiology to ascertain whether the information below is current.)*

## Certificates

A certificate will be issued to each candidate who has finished a prescribed and approved period of training and study and has passed a written and oral examination demonstrating an adequate level of knowledge and ability in diagnostic radiology and/or diagnostic radiology with special competence in nuclear radiology, or radiation oncology in accordance with the definitions as stated in the Bylaws and Rules and Regulations of the American Board of Radiology (ABR).

A certificate granted by the Board does not of itself confer, or purport to confer, any degree or legal qualifications, privileges, or license to practice radiology.

## Definitions

1. Diagnostic radiology is that branch of radiology that deals with the utilization of all modalities of radiant energy in medical diagnosis and therapeutic procedures utilizing radiologic guidance. This includes, but is not restricted to, imaging techniques and methodologies utilizing radiations emitted by x-ray tubes, radionuclides, ultrasonographic devices, and radio-frequency electromagnetic radiation emitted by atoms.
2. Nuclear radiology is that branch of radiology that involves the analysis and imaging of radionuclides and radiolabeled substances for diagnostic imaging and related in vivo techniques.
3. Radiation oncology is that branch of radiology that deals with the therapeutic applications of radiant energy and its modifiers, and the study and management of cancer and other diseases.

## Certificates of Added Qualifications

A certificate will be issued to each diplomate certified in either radiology or diagnostic radiology who has finished a prescribed and approved period of training and study, and has passed an oral examination demonstrating an adequate level of knowledge and ability in the area of expertise for which he or she has applied in accordance with the definitions stated in the Bylaws and Rules and Regulations of the American Board of Radiology.

### Definitions

1. Pediatric radiology is the branch of radiology dealing with children.
2. Vascular and interventional radiology is the branch of radiology involved with the diagnosis and treatment of diseases using percutaneous methods guided by various radiologic imaging modalities.

### Qualifications of Applicants for Certification by the American Board of Radiology

Each applicant for admission to an examination for a certificate to be issued by the ABR in diagnostic radiology, diagnostic radiology with special competence in nuclear radiology, and/or radiation oncology shall be required to present evidence satisfactory to the Board that the applicant has met the following standards

1. General Qualifications: That the applicant is a specialist in diagnostic radiology, diagnostic radiology with special competence in nuclear radiology, and/or radiation oncology as outlined in Article II, Section 2, of the Rules and Regulations, and is recognized by his/her peers to have high moral and ethical standards in his/her profession.
2. General Professional Education: Graduation from a medical school accredited at the date of graduation by the Liaison Committee on Medical Education of the American Medical Association, or the Royal College of Physicians and Surgeons of Canada, or from a College of Osteopathic Medicine approved by the American Osteopathic Association. If the applicant is a graduate of a medical school outside the United States or Canada, the applicant must be screened with approval by an agency approved by the Board of Trustees.
3. Special Training: This period of special training shall be as the Board of Trustees, by resolution or motion, shall determine from time to time.  
Effective for candidates beginning their training July 1, 1981, and thereafter, the Board of Trustees shall require a written statement from the program director, attesting that the applicant will have satisfactorily completed the prescribed special training at the time of the written examination and is prepared to take that examination.
4. In special instances these requirements may be modified by majority vote of the entire Board of Trustees, or by the executive committee acting in its stead.
5. If the program director fails to indicate in writing that the applicant is adequately trained and prepared for the examination, documentation of the reason(s) must be submitted along with evidence that the candidate has been appropriately apprised of his/her deficiencies. The executive committee of the Board will notify the applicant in writing that an appeals mechanism exists, as outlined in paragraphs 6 and 7 below.
6. In utilizing the appeals mechanism, the applicant must provide the executive committee of the Board with the written statement describing the reasons that he/she believes will support his/her appeal. The executive committee may ask the program director to submit a written response to the applicant's appeal.
7. The executive committee must reach a final decision with the least possible delay in order that the applicant who wins his/her appeal does not lose the opportunity to be accepted for the examination for which he/she has applied.

### Diagnostic Radiology

Candidates beginning their training in diagnostic radiology after June 30, 1984, will be required to have 4 years of approved postgraduate training in a department approved to train in diagnostic radiology by the Residency Review Committee for Radiology representing the ABR, the American College of Radiology, and the Coun-

cil on Medical Education of the American Medical Association and accredited by the Accreditation Council for Graduate Medical Education (ACGME), exclusive of an internship or clinical year (if the latter is required by the program director). A minimum of 6 months, but not more than 12 months, must be spent in nuclear radiology in the 4-year program. Candidates may spend no more than 8 months in rotations outside the parent institutions.

Residents must have basic cardiac life support certification; advanced cardiac life support certification is encouraged.

It is not the intent of the ABR for programs to use any of the 4 years for traditional fellowship training.

Effective for residents beginning their training July 1, 1991:

In a 4-year approved residency program, not more than 12 months shall be spent in a single discipline (research is considered a discipline).

The designation of "fellowship" is reserved for training beyond the 4-year residency.

In a 4-year program, the resident is expected to remain in that program for all 4 years. If a transfer to another program is necessary or desired, that transfer must have the agreement of both program directors and the prospective notification to, and approval of, the ABR.

Candidates will be considered for the written examination when they have completed 36 of the required 48 months of approved training, or if they will complete this amount by September 30 of the year in which the examination is given.

A maximum of 3 months may be spent in radiation oncology (therapeutic radiology).

Candidates beginning their graduate medical education after January 1, 1997, will be required to have 5 years of approved training with a minimum of 4 years in diagnostic radiology. The other year must be accredited clinical training in internal medicine, pediatrics, surgery or surgical specialties, obstetrics and gynecology, neurology, family practice, emergency medicine, or any combination of these. This clinical year will usually be the first postgraduate year. No more than a total of 3 months may be spent in radiology and/or pathology. All clinical training must be in an ACGME, American Osteopathic Association, or equivalent approved program.

### Diagnostic Radiology With Special Competence in Nuclear Radiology

The ABR will give a special examination leading to a certificate in diagnostic radiology with special competence in nuclear radiology to those diplomates in radiology, roentgenology, diagnostic radiology, or diagnostic roentgenology who have fulfilled the requirement of 1 full year of formal training in nuclear radiology in an approved department of diagnostic radiology, nuclear medicine, or diagnostic radiology with special competence in nuclear radiology. This examination will consist of three examiners. The categories to be covered are: (1) bone, bone marrow, genitourinary tract, tumor, and abscess localization; (2) central nervous system, endocrinology, gastrointestinal tract, hepatobiliary tract, and spleen; and (3) cardiopulmonary systems.

Candidates applying for certification in diagnostic radiology with special competence in nuclear radiology in 1991 must first be certified in diagnostic radiology. They must have a minimum of 12 months of approved training in nuclear radiology. No credit will be given for any training obtained during the 4 years of diagnostic radiology residency after July 1, 1994.

### Radiation Oncology

Candidates beginning their training in radiation oncology after June 30, 1975, and who have not had an approved internship, will be required to have 4 years of approved postgraduate training.

Three of these years must be spent in a department approved to train in radiation oncology by the Residency Review Committee for Radiology representing the ABR, the American College of Radiology, and the American Medical Association Council on Medical Education and accredited by the ACGME. The other (PG-1) year may be spent in one of the following programs: internal medicine, surgery, pediatrics, family practice, obstetrics and gynecology, flexible, transitional, or categorical radiation oncology. No credit will be allowed for a foreign internship.

The 3-year residency training period must include training in pathology and training in the therapeutic aspects of nuclear medicine. Credit may not exceed 3 months for time spent in either subject. A maximum of 3 months' training in diagnostic radiology will be allowed.

Candidates in this category will be eligible for the written examination when they have completed the required 48 months of approved training, or if they will complete this amount by September 30 of the year in which the examination is given.

Effective in 1995, successful candidates will be issued a 10-year time-limited certificate in radiation oncology.

### Application and Fee

Application for examination must be made in exact duplicate (two original copies on prescribed forms that may be obtained from the secretary). No photocopy or any other kind of copy will be accepted. The data summary form enclosed with the application is an integral part that must be completed. These forms shall be forwarded with the required data, three unmounted photographs autographed on the front, and the current application fee (US currency) by the deadline established for filing. A certified check or money order is required to be made payable to the American Board of Radiology, Inc. Applications for the written examination to be given in any year will not be accepted prior to July 1 of the preceding year and must be filed no later than the deadline of September 30 of the preceding year. The application fee will cover both the written and the oral examinations, provided the candidate is successful on his/her first attempt in both the written and oral examinations.

Incomplete applications will not be accepted. The postmark affixed to the last item received to complete the application must be on or before the deadline date.

All applications must be typed or neatly printed (in ink).

In the event of withdrawal of an application, only a portion of the fee can be refunded.

Beginning July 1, 1981:

A candidate will have three consecutive opportunities to pass the written examination, beginning with the written examination for which he/she is first declared admissible. If a candidate fails to accomplish this, he/she must submit a new application and the fee in effect at that time. Failure to accept an appointment, cancellation of an appointment, or failure to appear for a scheduled written examination will be regarded as one of the three opportunities.

A candidate who fails the written examination after three attempts must submit a new application together with the fee in effect at that time.

A candidate who has passed the written examination will have three consecutive opportunities to appear for and pass the oral examination, beginning with the oral examination for which he/she is first declared admissible. If a candidate fails to accomplish this, he/she must submit a new application and the fee in effect at that time and reinstate the examination process, including the written examination. Failure to accept an appointment, cancellation of an appointment, or failure to appear for a scheduled oral examination will be regarded as one of the three opportunities.

A candidate who finds it necessary for any reason to cancel after acceptance of an appointment for either the written or oral examination shall be required to submit an additional fee. This amount represents administrative costs to the Board. A candidate who fails to appear for an examination without notifying the office of the ABR at least 20 days prior to the first date of the examination will be charged the full application fee in existence at the time of payment. (Under certain circumstances, the ABR, entirely at its discretion, may excuse such a candidate from this penalty, provided the reason for such absence is substantiated in writing.)

### Objectives of the Written Examination

In 1965 it became apparent to the Board of Trustees of the ABR that the then-current oral examination could not cover the entire burgeoning field of radiology without the addition of more segments and, in turn, more examiners. This would not only impose a further burden on candidates but also on the Board itself. It was decided, therefore, to search for other methods of examination. At that time, it was agreed to adopt a written examination to be given annually as a prerequisite for the oral examination. The content of the examination will include the basic sciences of anatomy, pathology, physiology, and pharmacology as these subjects relate to clinical practice. Also to be included are radiological techniques, radiological physics, and radiation biology.

The content of the examination in radiation oncology will include the basic sciences of physics, radiation biology, and clinical oncology as well as anatomy, pathology, physiology, and chemotherapy as these subjects relate to the clinical practice of radiation oncology.

A pool of multiple-choice questions was developed, and the first examination was given in 1969 to all candidates seeking certification in diagnostic radiology and in radiation oncology.

### Content of Written Examination in Each Field

Each examination consists of between 320 and 375 multiple-choice questions, to be administered over a period of approximately 8 hours. About one half of the questions are distributed on the afternoon of one day, and the other half distributed on the morning of the following day.

New written examinations are formulated each year in all categories of radiology, and the content of the examinations is carefully evaluated in order to keep pace with new information and developments. Even the number of questions in each category may be changed as necessity dictates from year to year.

Beginning in 1987, a candidate who passes the diagnostic portion but fails physics must repeat the physics portion and pass before admission to the oral examination.

Beginning in 1984, a candidate who takes the written examination in diagnostic radiology and fails the diagnostic portion but passes physics must repeat the diagnostic portion but will not be required to repeat physics.

Beginning in 1984, a candidate who takes the written examination in radiation oncology and passes the clinical portion but fails either physics or radiation biology must repeat only the portion which he/she failed. Those candidates who fail the physics and the radiation biology portions of the examination or the clinical oncology portion of the examination must repeat the entire examination.

Candidates in diagnostic radiology may expect to be asked questions on magnetic resonance imaging in the written and oral examinations.

### Oral Examination

Oral examinations are given at a time designated by the Board of Trustees. At the present time, the oral examinations are conducted yearly in May and/or June.

Admissibility to the oral examination is determined by the executive committee. Experience has shown that to delay taking the oral examination does not benefit the candidate.

No recording device of any kind may be brought to the examination.

### Content of Oral Examination for Diagnostic Radiology

The categories to be covered are: bones and joints, chest, gastrointestinal tract, genitourinary tract, neuroradiology, cardiovascular radiology, nuclear radiology, ultrasonography, pediatric radiology, and breast radiology. Questions may be asked on interventional techniques and magnetic resonance imaging.

### Content of Oral Examination for Radiation Oncology

Effective in 1993, candidates applying for examination in radiation oncology will be examined for a period of 30 minutes each by eight examiners. The subject matter of this examination concerns the clinical management of malignant disease and is usually presented according to the anatomical site of the primary tumor. The anatomical sites are divided into the following eight categories: gastrointestinal malignancies; gynecologic malignancies; genitourinary malignancies; diseases of the reticuloendothelial system; head, neck, and skin; breast; central nervous system and pediatric malignancies; and lung and mediastinum, soft tissue, and bone. Brachytherapy techniques and the effect of radiation on normal tissue may be included in all categories.

### Reexaminations

#### Failures

A candidate who fails or conditions the oral examination in diagnostic radiology or in radiation oncology may be scheduled for reexamination. The reexamination fee in effect at that time must be submitted by certified check or money order.

Candidates in diagnostic radiology who have conditioned one, two, or three categories in the oral examination will be reexamined by two examiners in each conditioned category. Candidates in radiation oncology who have conditioned one or two categories in the oral examination will be reexamined by two examiners in each conditioned category. Candidates must pass the reexamination by both examiners in each category to remove the condition.

Effective July 1, 1981, a candidate who has failed the oral examination three times must start the examination procedure from the beginning with the submission of a new application, pay the fee in effect at that time and retake the entire written examination.

### Status of a Physician

The Board will reply to an inquiry concerning the status of a physician with one of the following statements

1. The physician is Board certified.
2. The physician is in the examination process.
3. The physician is neither certified nor in the examination process.

Note: No official status of "Board qualified" or "Board eligible" is recognized by the Board.

### Final Action of the Board

The final action of the Board is based on the applicant's professional record, training, and attainment in the field of diagnostic radiology, diagnostic radiology with special competence in nuclear radiology, or in radiation oncology, as well as on the results of his examination. This Board has been organized to assist qualified radiologists to become recognized in their communities as men and women competent to practice diagnostic radiology, diagnostic radi-

ology with special competence in nuclear radiology, or radiation oncology.

### Revocation of Certificates

Certificates issued by this Board are subject to the provisions of Articles of Incorporation and the Bylaws. According to Article IX, Section 4, of the Bylaws, any certificate issued by the Board of Trustees shall be subject to revocation in the event that

1. The issuance of such certificate, or its receipt by the individual so certified, shall have been contrary to, or in violation of, any provision of the Certificate of Incorporation of this, the American Board of Radiology, or of these Bylaws or rules and regulations adopted by the Board of Trustees; or
2. The individual so certified shall not have been eligible in fact to receive such certificate; or
3. The individual so certified shall have made any misstatement of fact in the application, or in any other communication, to the corporation or its representatives; or
4. The individual so certified shall have been convicted by a court of competent jurisdiction of a felony or of any misdemeanor involving, in the opinion of the Board of Trustees, moral turpitude; or
5. The license to practice medicine of the individual so certified shall be revoked.

Before any such certificate shall be revoked, a notice shall be sent by registered or certified mail to the last known address of the holder of such certificate, as it appears on the records of this corporation, setting forth the act, omission, or conduct alleged or complained of, and giving the holder of such certificate a reasonable opportunity to answer in writing thereto. Such certificate holder shall have not less than 30 days in which to reply thereto. The Board of Trustees may, at its discretion, make such further investigation as it deems necessary and proper.

The Board of Trustees of this corporation shall have the sole power, jurisdiction, and right to determine and decide whether the evidence or information before it is sufficient to constitute one of the grounds for revocation of any certificate issued by this corporation, and the decision of such Board of Trustees in the premise shall be final.

All correspondence should be addressed to the Executive Director:

M Paul Capp, MD  
American Board of Radiology, Inc  
5255 E Williams Circle/Ste 6800  
Tucson, AZ 85711  
602 790-2900  
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## American Board of Surgery

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All communications should be addressed to  
 American Board of Surgery, Inc  
 1617 John F Kennedy Blvd/Ste 860  
 Philadelphia, PA 19103-1847

*(The material which follows is revised annually. All applicants are advised to contact the American Board of Surgery to obtain current information.)*

### Specialty of Surgery (General Surgery) Defined

The Board interprets the term "general surgery" in a comprehensive but specific manner, as a discipline having a central core of knowledge embracing anatomy, physiology, metabolism, immunology, nutrition, pathology, wound healing, shock and resuscitation, intensive care, and neoplasia, which are common to all surgical specialties.

The general surgeon is one who has specialized knowledge and skill relating to the diagnosis and the preoperative, operative, and postoperative management in the following areas of primary responsibility

1. Alimentary tract
2. Abdomen and its contents
3. Breast, skin and soft tissue
4. Head and neck, including trauma; vascular, endocrine, congenital and oncologic disorders—particularly tumors of the skin, salivary glands, thyroid, parathyroid, and the oral cavity
5. Vascular system, excluding the intracranial vessels, the heart, and those vessels intrinsic and immediately adjacent thereto
6. Endocrine system
7. Surgical oncology, including coordinated multimodality management of the cancer patient by screening, surveillance, surgical adjunctive therapy, rehabilitation, and follow-up
8. Comprehensive management of trauma, including musculoskeletal, hand, and head injuries; the responsibility for all phases of care of the injured patient is an essential component of general surgery
9. Complete care of critically ill patients with underlying surgical conditions, in the emergency room, intensive care unit, and trauma/burn units

Additionally, the general surgeon is expected to have significant preoperative, operative, and postoperative experience in pediatric, plastic, general thoracic, and transplant surgery. Also, the surgeon must have understanding of the management of the more common problems in cardiac, gynecologic, neurologic, orthopedic, and urologic surgery, and of the administration of anesthetic agents.

The general surgeon must be capable of employing endoscopic techniques, particularly proctosigmoidoscopy and operative cholecystoscopy, and must have experience with a variety of other endoscopic techniques such as laryngoscopy, bronchoscopy,

esophagogastroduodenoscopy, colonoscopy, and laparoscopy. The general surgeon should have opportunity to gain knowledge and experience of evolving technological methods, eg, laser applications and endoscopic operations.

### Meaning of Certification

The Board considers certification to be based upon a process that includes the educational and evaluation phases and an examination phase. It holds that undergraduate and graduate education are of the utmost importance and requires the program director's endorsement, attesting that the applicant has had an appropriate educational experience and has attained a sufficiently high level of knowledge, judgment, and skills to be prepared for designation by the Board's certificate as a specialist in surgery, upon successful completion of the examinations, and to enter into independent practice of the specialty.

### Graduate Education in Surgery

#### I. General Information

The purpose of graduate education in surgery is to provide the opportunity to acquire a broad understanding of human biology as it relates to disorders of a surgical nature and the technical knowledge and skills appropriate to be applied by a specialist in surgery. This goal can best be attained by means of a progressively graded curriculum of study and clinical experience under guidance and supervision of senior surgeons, which provides progression through succeeding stages of responsibility for patient care up to the final one of complete management. Major operative experience and senior/chief responsibility at the final stage of the program are essential components of surgical education. The Board will not accept into the process of certification anyone who has not had such an experience in the specialty of surgery, as previously defined, regardless of the number of years spent in educational programs.

The graduate educational requirements set forth on these pages are considered to be the minimal requirements of the Board and should not be interpreted to be restrictive in nature. The Board recognizes that the time required for the total educational process should be sufficient to provide adequate clinical experience for the development of sound surgical judgment and adequate technical skill. These requirements do not preclude additional desirable educational experience, and program directors are encouraged to retain residents in a program as long as is required to achieve the necessary level of qualifications.

The integration of basic sciences with clinical experience is considered to be superior to formal courses in such subjects. Accordingly, while recognizing the value of formal courses in the study of surgery and the basic sciences at approved graduate schools of medicine, the Board will not accept such courses in lieu of any part of the required clinical years of surgical education.

The Board may at its discretion require that a member of the Board or a designated diplomate observe and report upon the clinical performance of an applicant before establishing admissibility to examination or awarding certification.

While a program may develop its own vacation, illness, and other leave policies for the resident, 1 year of approved residency toward the Board's requirements must be 52 weeks in duration and must include at least 48 weeks of full-time surgical experience. Furthermore, unused vacation and other leave time may not be accumulated to reduce the overall duration of residency expected by the Board.

All phases of the graduate educational process must be completed in a manner satisfactory to the Board.

## II. Acceptable Programs

The residency programs in surgery in the United States that are reviewed and approved by the Residency Review Committee for surgery and the Accreditation Council for Graduate Medical Education (ACGME) are acceptable to the Board as an adequate educational experience.

In Canada, those university residency programs in surgery that are accredited by the Royal College of Physicians and Surgeons offer an acceptable educational experience. Applicants from such programs must meet the Board's specific requirements and cannot receive credit for postgraduate surgical education in countries other than the United States or Canada.

Except as mentioned above, participation in postgraduate surgical education programs in countries other than the United States is not creditable toward the Board's educational requirements unless under the specific conditions set forth in the section Credit for Foreign Graduate Education.

Listings of accredited programs in the United States may be found in the *Graduate Medical Education Directory*, published annually by the American Medical Association under the aegis of the ACGME.

## Requirements for Certification in Surgery

### I. General

- A. Must have demonstrated to the satisfaction of the authorities of one's graduate educational program in surgery, to one's peers, and to the Board, that one has attained the level of qualifications in surgery required by the Board.
- B. Must have a moral and ethical standing satisfactory to the Board and in conformity with the *Statements on Principles of the American College of Surgeons* and its interpretations.
- C. Must be actively engaged in the practice of surgery as indicated by holding admitting privileges to a surgical service in an accredited hospital, or be currently engaged in pursuing additional graduate education in a component of surgery or one of the other recognized surgical specialties.
- D. Must have a currently registered full and unrestricted license to practice medicine granted by a state, or other United States jurisdiction, or by a Canadian province. The license must be valid no later than 6 months following completion of the residency in surgery. A temporary limited license, such as an educational, institutional, or house staff permit, is not acceptable to the Board.

### II. Educational

- A. Undergraduate Medical Education
  1. Must have graduated from an accredited school of allopathic or osteopathic medicine in the United States or Canada.
  2. Graduates of schools of medicine from countries other than the United States and Canada must present evidence of final certification by the Educational Commission for Foreign Medical Graduates (ECFMG).
- B. Graduate Education in Surgery
  1. Must have satisfactorily completed a minimum of 5 years of progressive education, following graduation from medical school, in a program in surgery accredited by the ACGME or the Royal College of Physicians and Surgeons of Canada.
  2. Must have completed all phases of graduate education in surgery in a program in surgery accredited by the ACGME. Experience obtained in accredited programs in other recognized specialties, although containing some exposure to surgery, is not acceptable. A flexible or transitional first year is not creditable toward the Board's requirements as a PGY-1 unless it is accomplished in an institution having an accredited program

in surgery and at least 6 months of the year is spent in surgical disciplines.

3. Must have, in a program accredited for a minimum of 5 years, at least 4 years of clinical surgical experience with progressively increasing levels of responsibility. There must be no less than 36 months devoted to the primary components of surgery (general surgery) as previously defined. The entire chief resident experience must be devoted to the primary components of the specialty of surgery. No more than 4 months of the chief residency may be devoted to any one of the primary components of surgery. During junior years, a total of 6 months may be assigned to nonsurgical disciplines such as medicine, gastroenterology, or pediatrics. Training in surgical pathology and endoscopy is considered to be surgical, but obstetrics and ophthalmology are not. No more than a total of 12 months during junior years may be allocated in any one surgical specialty other than general surgery. One year of the minimal five may be spent in laboratory research.
4. Must have 12 months in the capacity of chief resident in general surgery. The Board considers the terms chief resident and senior resident to be synonymous and to mean the 12 months in the program in which the resident assumes the ultimate clinical responsibilities for patient care under the supervision of the teaching staff. The majority of the 12 months of chief residency must be served in the final year. However, to take advantage of a unique educational opportunity in a program during a resident's final year, a portion of the chief residency may be served in the next to the last year, provided it is no earlier than the fourth clinical year and has been approved by the Residency Review Committee for Surgery followed by notification to the Board. The chief residency must be spent only in the parent or an integrated institution unless rotation to an affiliated institution has been approved by the Residency Review Committee for Surgery.
5. The Board expects a residency year to include no less than 48 weeks of full-time surgical training.
6. All phases of the graduate educational process must be in accordance with the Special Requirements for Residency Training in General Surgery as promulgated by the ACGME and approved by the Residency Review Committee for Surgery.
7. The Board believes that for optimal surgical education the resident should spend at least the final 2 residency years in the same program.

### III. Operative Experience

Applicants for examination must meet the criteria established by the RRC, ie, a minimum of 500 procedures in the chief/senior year. This must include operative experience in each of the areas of primary responsibility included in the definition of surgery (general surgery) set forth previously.

Each applicant must submit a tabulation of the operative procedures performed as surgeon and those performed as first assistant or teaching assistant. The Board provides an operative experience form for this purpose when application material is obtained by the applicant. The resident's record form, available to program directors for residents' use through the Residency Review Committee for Surgery, may be submitted in lieu of the Board's operative experience form.

In tabulating cases toward Board requirements, credit may be claimed "as surgeon" when the resident has actively participated in the patient's care; has made or confirmed the diagnosis; has participated in selection of the appropriate operative procedure; has either performed or been responsibly involved in performing the critical portions of the operative procedure; and has been a responsible participant in both pre- and postoperative care.

Credit may be claimed as a "teaching assistant" only when the resident has actually been at the table, scrubbed, and has guided a more junior resident through at least the critical parts of an operation. All this must be accomplished under the supervision of the responsible member of the senior staff.

An individual cannot claim credit as both "surgeon" and as "teaching assistant."

Applicants must also list the number of patients with multiple organ trauma and with critical surgical problems for whom they had primary management responsibility but operation was not required. Failure to submit a complete and properly authenticated list of operative procedures will constitute an incomplete application.

Applicants are advised to keep a copy of the lists of operative work they submit for their records, as the Board cannot furnish copies.

#### IV. Special Information for Program Directors

- A. Program directors are cautioned that appointment of residents at advanced levels without being certain that their previous training is in accordance with the Board's requirements may result in the affected residents not being accepted by the Board upon completion of the program. In any case in which there is question, program directors should make inquiry of the Board prior to taking action.
- B. According to the Special Requirements for Residency Training in General Surgery promulgated by the ACGME, special approval of the Residency Review Committee for Surgery must be obtained (1) if a chief resident is assigned to an institution other than the parent one or an "integrated" one; (2) if rotations to any one approved "affiliate" exceed 6 months; (3) if more than 1 year of the total program is spent away from the parent and integrated institutions; or (4) if more than 6 months' total is spent in any assignment outside the parent, the integrated, or approved affiliated institutions. The Board concurs in this and deviations from these stipulations will be considered unacceptable training.
- C. Since the Residency Review Committee does not act upon the adequacy of postgraduate surgical education outside the United States, program directors must request the Board's approval, in advance, if they wish periods of training abroad to be creditable toward the Board's requirements. The Board will rule on individual requests.

#### Credit for Military Service

Credit will not be granted toward the minimum requirements of the Board for service in the armed forces, the Public Health Service, the National Institutes of Health, or other governmental agencies unless the service was as a duly appointed resident in an accredited program in surgery.

#### Credit for Foreign Graduate Education

Acceptance for examination and certification by the American Board of Surgery is based upon satisfactory completion of the stated requirements in accredited residency programs in surgery in the United States. Regardless of an individual's professional attainments here or abroad, no credit will be granted directly to an applicant for surgical education in a foreign country. The Board will consider granting partial credit only upon the request of the program director of an accredited program who has observed the applicant as a junior resident for 9 to 12 months and wishes to advance the applicant to a higher level in that program. The credit granted will not be valid until the applicant has successfully completed that program. If the applicant moves to another program, the credit is not transferable and must again be requested by the new program director.

Applicants from accredited Canadian programs must have completed all of the requirements in the Canadian program or in combination with an accredited United States program. No credit for postgraduate surgical education outside the United States and Canada will be granted to those applicants seeking certification who completed a Canadian program. Applicants from Canadian programs must complete the Board's stipulated requirements.

#### Requirements Governing Admissibility to Examinations for Certification in Surgery

1. An applicant is admissible to the examinations only when all of the preliminary and graduate educational requirements of the Board, currently in force at the time of receipt of the formal application, have been satisfactorily fulfilled; the operative experience has been reviewed and deemed acceptable; the general credentials are in order; the program director has certified to the Board in writing that the applicant has attained the required clinical skills; and the formal Application has been reviewed and approved. The applicant then must successfully complete the Qualifying Examination before becoming a "candidate for certification" and admissible to the Certifying Examination.
2. Applicants will be offered five opportunities for taking the Qualifying Examination within the 5-year period following approval of the formal Application, at centers designated by the Board in accord with their last recorded address. Applicants who do not take the Qualifying Examination within 2 years following approval of the application will no longer have any status with the Board and will not be considered for readmission to examination. If Applicants are not successful in completing the Qualifying Examination within the stated admissibility period, the satisfactory completion of an additional year of residency in general surgery will be required in order to be considered for readmission to the Qualifying Examination under the same conditions as listed above. This must be in a general surgery program accredited by the ACGME and at an advanced level (not necessarily the senior/chief year). The Board's approval of the proposed experience must be secured in advance.
3. The Certifying Examination will be offered to those who have passed the Qualifying Examination and have thus become "candidates for certification," at the earliest time consistent with the Board's geographical examination schedule.

Candidates will be offered three, and only three, opportunities to appear for examination during the 5 academic years after completion of the Qualifying Examination. The admissibility expiration date shall be established as June 30 of the fifth calendar year after passing the Qualifying Examination. An opportunity offered that is refused or not taken will be counted as one of the three available.

After three opportunities (ie, failure at Certifying Examinations and/or opportunities refused including failure to appear for a scheduled examination), a candidate will no longer be admissible to examination, regardless of the original expiration date for admissibility. Satisfactory completion of at least 1 year of residency in general surgery at an advanced level in an accredited program, with a favorable endorsement to the Board from the program director, will be required before further consideration by the Board. This year must be approved in advance by the Board.

If the Board approves the candidate's application for readmission to the Certifying Examination upon completion of the specified additional year of residency in general surgery, the candidate will then be offered three further opportunities within the ensuing 5 years. If not successful within that time, the candidate cannot again be considered until completion of a minimum

of 3 years of residency in general surgery, including a chief year, in an accredited program and favorable endorsement to the Board by the program director. The candidate must then reapply as a "new applicant." This necessitates submission of a reapplication for admission to examination and all supporting documents, payment of the established fees, and successful completion again of the Qualifying Examination before advancing to the status of "candidate for certification."

4. Those who, 10 years after approval of their original application or reapplication, have not become certified and who are not actively pursuing completion of the appropriate above-stated requirements applicable in each case will have their files destroyed. If they wish to reapply later they will be considered "new applicants" and must fulfill the requirements then in place.
5. The Board, on the basis of its judgment, may deny or grant an "applicant" or "candidate for certification" the privilege of examination whenever the facts in the case are deemed by the Board to so warrant.

The Board does not use or sanction the terms "Board-eligible" or "Board-qualified." The standing of an individual with the Board varies according to the current status of credentials and will be so reported.

### Special Certification

The Board has been authorized by the American Board of Medical Specialties to award certification of special or added qualifications in certain disciplines related to the overall specialty of surgery to those diplomates of this Board who meet the defined requirements. These disciplines include general vascular surgery, pediatric surgery, surgery of the hand, and surgical critical care.

The Board considers all of the above disciplines to be an integral part of the specialty of surgery and expects that all surgeons certified in surgery by this Board will be qualified to practice in these areas if they so desire and demonstrate the capability, even though they may not have obtained additional certification. The certificates of special or added qualifications are designed to recognize those diplomates who have acquired, through advanced education, experience, and other activities, qualifications in these disciplines beyond those expected of the well-trained general surgeon.

Those seeking the American Board of Surgery's certification of special or added qualifications must have a currently valid certificate in surgery issued by the Board; must have completed the required additional education in the discipline beyond that required for general certification; must have operative experience and/or patient care data acceptable to the Board; and must show evidence of dedication to the discipline by the means specified by the Board and receive favorable peer review by recognized diplomates in the particular discipline. Finally, successful completion of the prescribed examinations is required.

Those who are interested in obtaining information regarding certification in general vascular surgery, pediatric surgery, surgery of the hand, or surgical critical care may obtain it from the Board upon request.

### Examinations Offered by the Board

The Board offers examinations leading to certification in surgery, general vascular surgery, pediatric surgery, surgery of the hand, and surgical critical care; also, in-training examinations in general surgery and in pediatric surgery.

The examinations for certification are offered to individuals, but the in-training examinations are offered to program directors for their use as an educational assessment of the individual resident's grasp of surgical fundamentals.

The Board notifies candidates for general and special certification of their performance on examinations. The Board also reports examinee performance to the director of the program in which the candidate completed the final year of residency. All reports pertaining to in-training examinations are provided only to program directors.

All examinations are developed by directors of the American Board of Surgery with contributions by invited examination consultants.

### I. Examinations for Certification in Surgery

#### A. Qualifying Examination

This examination is written and is offered once a year in the fall. It is given simultaneously in a number of locations in the United States.

Applicants whose applications have been approved by the Board are sent annually, throughout their period of admissibility, an announcement of the examination. With the announcement is a reply card that must be returned to the Board with other specified material if the applicant wishes to be scheduled for this examination. Shortly before the date of examination, an admission card is sent to the applicant indicating the specific location of the examination center and reporting times, with a pamphlet describing the examination and the types of questions to be expected.

The one-day Qualifying Examination consists of multiple-choice questions designed to evaluate knowledge of general surgical principles and the basic sciences applicable to surgery.

Successful completion of the Qualifying Examination is a requirement for all to attain the status of "candidate for certification" and admission to the Certifying Examination.

Those unsuccessful on the Qualifying Examination may review the examination at the Board Office if such a request is made within 90 days after examination results are mailed. The review requires an appointment and payment of a fee.

#### B. Certifying Examination

Examinations are held six times a year within the continental United States. Candidates for certification will receive an announcement of the examination to which they may be assigned, based on their geographic location, approximately 2 months prior to the examination session, with a reply card that must be returned at once if a candidate wishes to be included in that examination. Failure to return or late return of a card will result in that examination being counted as one of the three opportunities to be offered. If the Board cannot accommodate a candidate at that particular examination, it will not be counted as an opportunity. A candidate assigned to an examination will be sent an admission card indicating the specific time and place to report for examination.

The examinations are conducted by members of the American Board of Surgery and selected associate examiners who are diplomates of the Board and usually from the local geographic area.

The examinations consist of three oral sessions conducted by teams of two examiners each, directed toward determining the candidate's understanding of clinical entities, level of surgical judgment, and problem-solving ability. During all sessions, the ability to apply knowledge of anatomy, physiology, pathology, biochemistry, and bacteriology to clinical problems is also evaluated.

### II. Examinations for Certification of Special or Added Qualifications

The Board offers examinations for certification of special or added qualifications in general vascular surgery, pediatric surgery, surgery of the hand, and surgical critical care. These examinations are described in separate pamphlets pertaining to the respective disciplines, which may be obtained from the Board Office upon request.

### III. In-Training Examination

The Board offers annually to directors of accredited residency programs in surgery and in pediatric surgery written in-training examinations that are designed to measure the general level of knowledge attained by residents regarding the fundamentals of the basic sciences and management of clinical problems related to surgery and to pediatric surgery. The in-training examination in surgery is constructed to evaluate the knowledge of the resident who has completed 2 years of graduate education in surgery but, at the program director's discretion, may be administered to anyone. It is also designed to meet the first milestone required by the "Essentials" for residencies in general surgery. Directors of accredited programs in pediatric surgery should find the pediatric surgery in-training examination useful in the evaluation of all residents in their programs.

The Board will normally furnish pertinent information to the directors of all accredited programs in surgery and in pediatric surgery several months in advance of each year's examination and ascertain the number of test booklets desired. The examinations, administered by the participating program directors, take place each winter.

Program directors should take note of the fact that the Board does not contact each institution in which residents are located, but depends upon the director of the program to order an adequate number of test booklets for all residents in the total program, which includes not only the parent institution but also all those included under the program designation in the *Graduate Medical Education Directory*.

It is important to note that the in-training examinations are not offered to individuals, but only to program directors.

The in-training examinations are not required by the Board as part of the certification process.

The in-training examinations are prepared by the Board as a convenience to program directors, to be used as an assessment of residents' progress and not as a pool of questions for study or other purposes. Duplication and improper use of the examination material defeats the purpose of the examinations and will not be tolerated by the Board. The examinations are protected under the copyright laws.

### Application for Examination for Certification in Surgery

In the early spring, the Board will mail a booklet of information and a preliminary evaluation form to all residents who, according to the Board's records, will be expected to complete their residency that summer in surgery programs accredited by the ACGME. This form must be completed precisely and be received in the Board Office no later than May 1. Applicants should not submit documents, testimonials, letters of recommendation, case reports, or other information unless requested to do so by the Board.

If, after review of the information submitted on the preliminary evaluation form, it is determined by the Board that applicants have met, or will meet, the educational requirements for admission to examination in the past or current year, a formal application for admission to examination will be sent to the applicant.

The application for admission to examination must be completed and returned to be received in the Board Office by no later than July 15. An application is not considered to be complete unless the form is accompanied by all required documents, including a copy of the applicant's current registration of a valid and unrestricted state medical license, an identification form with a photograph attached, a completed American Board of Surgery operative experience list or a copy of the resident's record, and a check for \$200.

If the completed application is received between July 15 and August 15, a late fee will be charged. No applications will be accepted after August 15.

Applicants who complete the educational requirements after September 30 will not be considered for admission to the Qualifying Examination in that year, but must wait until the following year.

The acceptability of an applicant does not depend solely upon the completion of an approved program of education, but also upon information available to the Board regarding professional maturity, surgical judgment, technical capabilities, and ethical standing.

Applicants who have submitted an application for examination form will be notified regarding admissibility to examination.

### Fees

Registration (prior to July 15)—US \$200  
(payable with application form and nonrefundable)  
Registration (late—July 15 to August 15)—US \$450  
(payable with application form and nonrefundable)  
Qualifying Examination—US \$400  
(payable with reply card)  
Certifying Examination—US \$600  
(payable with reply card)

Fees for reexamination are the same as shown above for each examination.

Each fee for examination or reexamination includes a US \$200 processing charge that is not refunded if an individual withdraws after being scheduled for an examination.

To withdraw, one must notify the Board Office at least 15 business days before a scheduled examination. Failure to appear for examination, or withdrawal without giving at least 15 business days' notice, will result in forfeiture of the entire fee for examination.

Fees are subject to change as directed by the Board.

The Board is a nonprofit organization. The directors of the Board, except those on the executive staff, serve without remuneration.

### Issuance of Certificates

A candidate who has met all requirements and has successfully completed the examinations of the American Board of Surgery in one or another of the areas of certification will then be issued a certificate by this Board, signed by its officers, attesting to qualifications in that area.

The Board issues certificates in surgery, general vascular surgery, pediatric surgery, surgery of the hand, and surgical critical care. Those certified in surgery prior to December 31, 1975, were issued a certificate with no indication of time-limited validity. All certificates issued on or after January 1, 1976, bear a limiting date of 10 years, after which they are no longer valid.

Those whose certificates have expired and who have not achieved recertification will no longer be listed in the directory as diplomates in the discipline concerned.

### Recertification

The American Board of Surgery offers recertification in surgery to its diplomates and in all the disciplines in which it offers certification of special or added qualifications. The Board considers recertification to be voluntary in the same connotation as is the original certification.

The purpose of recertification is to demonstrate to the profession and the public, through periodic evaluations, that the surgical specialist has maintained continuing qualifications on a currently acceptable level in the diplomate's chosen area of practice. The American Board of Surgery believes that such periodic evaluation of

its diplomates is in their own interest as well as in the public interest.

A Diplomate can initiate the recertification process when certification has been held at least 7 years. Pamphlets outlining requirements for recertification in the various disciplines may be obtained from the Board upon request. To facilitate receiving the Board's mailings pertaining to the recertification process, it is important for all diplomates to notify the Board promptly whenever their addresses change.

### Recertification in Special Disciplines

Recertification in special disciplines is offered to diplomates holding certificates in general vascular surgery, pediatric surgery, surgery of the hand, and surgical critical care.

Details concerning requirements for recertification in the disciplines mentioned above are similar to those for recertification in surgery, and pertinent pamphlets may be obtained from the Board upon request.

### Inquiry as to Status

The Board considers an individual's record not to be in the public domain. When a written inquiry is received by the Board regarding an individual's status, a general but factual statement is provided that indicates the person's location within the examination process.

### Special Situations

#### Irregularities

The furnishing of false information to the Board or examination irregularities may result in the rejection of an application, the barring of an applicant from examination, the denial or revocation of a certificate, or other appropriate sanctions, as set forth more fully in the application for admission to examination and the instructions to examinees.

#### Substance Abuse

Applicants with a history of substance abuse will not be admitted to any examination unless they present evidence satisfactory to the Board that they have successfully completed the program of treatment prescribed for their condition. Further, the Board must be satisfied that they are currently free of substance abuse.

#### Disabilities

The American Board of Surgery complies with the Americans with Disabilities Act by making a reasonable effort to provide Board applicants who have documented disabilities with modifications in its examination process that are appropriate for such disabilities but that do not alter the measurement of the skills or knowledge that the examination process is intended to test. Any disability that an applicant believes requires such a modification in the Board's examination must be identified and documented by the applicant within 60 days after the applicant is notified of admissibility to examination or within 60 days after the applicant learns of such disability, whichever is later.

### Reconsideration and Appeals

The Board has adopted a policy with regard to reconsideration and appeals of decisions adverse to applicants regarding their individual credentials and admissibility to the examinations and questions regarding the form, administration, and results of examinations. A copy of that policy is available from the Board Office to anyone considering a request for reconsideration or an appeal. A request for reconsideration, which is the first step, must be made in writing to the Board Office within 90 days of receipt of notice from the Board of the action in question.

### Revocation of Certificate

Any certificate issued by the American Board of Surgery, Inc, shall be subject to revocation at any time that the directors shall determine, in their sole judgment, that a candidate who has received the certificate was in some respect not properly qualified to receive it.

## American Board of Thoracic Surgery

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*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Thoracic Surgery to ascertain whether the information below is current.)*

### General Requirements

Certification by the American Board of Thoracic Surgery may be achieved by fulfilling the following requirements:

1. Certification by the American Board of Surgery (for information, the applicant should see the current Booklet of Information available from the American Board of Surgery, 1617 John F Kennedy Blvd, Philadelphia, PA 19103);
2. Completion of a thoracic surgical residency, approved by the Residency Review Committee for Thoracic Surgery (RRC) that provides adequate education and operative experience in cardiovascular and general thoracic surgery;
3. An ethical standing in the profession and a moral status in the community that are acceptable to the Board;
4. A satisfactory performance on the American Board of Thoracic Surgery examinations.

### Residency Requirements

Candidates must have fulfilled all of the residency requirements of the Board in force at the time their applications are received.

Candidates for certification must complete a minimum of 24 months of residency training in thoracic and cardiovascular surgery in a program approved by the Residency Review Committee for Thoracic Surgery. This must include 12 months of senior responsibility, which should be continuous. The director of the thoracic training program is required to approve the application form by signature, certifying that the candidate has satisfactorily completed the residency in thoracic surgery, of which the last 12 months consisted of senior responsibility.

Education and adequate operative experience in both general thoracic surgery and cardiovascular surgery are essential parts of any approved thoracic surgery residency program, irrespective of the area of thoracic surgery in which a candidate may choose to practice.

## Operative Case Criteria

### Effective for Candidates Applying in 1996

The operative experience requirement of the American Board of Thoracic Surgery has two parts. One has to do with the intensity or volume of cases, and the other has to do with the distribution of cases (index cases).

#### 1. Surgical Volume (Intensity)

The Board's operative experience requirements include an annual average of 125 major operations performed by each resident for each year that the program is approved by the Residency Review Committee for Thoracic Surgery. In a 2-year program, this requirement is met if a resident performs a total of 250 major cases over the course of his or her residency; in a 3-year program, the resident must perform 375 major cases.

This guideline on intensity of cases conforms with the Special Requirements in Thoracic Surgery as published by the Accreditation Council for Graduate Medical Education and the Residency Review Committee for Thoracic Surgery.

The application of any candidate whose supervised operative experience fails to meet the requirement of an annual average of 125 major operations with a minimal number of 100 in any one year will be referred to the Credentials Committee for review.

#### 2. Index Cases (Distribution)

The applications of candidates whose operative experience does not include the required number of index cases as listed below will be sent to the Credentials Committee for review. The number of index cases required to meet the minimal acceptable standards in the various areas are:

Lungs, pleura, chest wall—50

Pneumonectomy, lobectomy, segmentectomy—30

Other—20

Esophagus, mediastinum, diaphragm—15

Esophageal operations—8

Other—7

Congenital heart—20

Acquired valvular heart—20

Myocardial revascularization—35

Pacemaker implantations—10

Bronchoscopy and esophagoscopy—25

Endoscopic procedures may be counted for credit whether they are performed as independent procedures or immediately preceding a thoracic operation.

Major vascular operations outside the thorax should be listed.

The Board recognizes that supervised operative experience in a well-organized teaching setting that is approved by the Residency Review Committee for Thoracic Surgery protects the patient, who, in most instances, is the personal and identifiable responsibility of a faculty surgeon. This supervised experience optimally prepares

the candidate to begin the independent practice of cardiothoracic surgery after the completion of residency.

The Credentials Committee has been authorized by the Board to reject a candidate if his or her operative experience during the thoracic surgery residency is considered to be inadequate. The candidate, the program director, and the Residency Review Committee for Thoracic Surgery will be notified if such action is taken.

Even though emphasis on one or another facet of thoracic surgery (pulmonary, cardiovascular, esophageal, thoracic trauma, etc.) may have characterized a candidate's residency experience, the candidate is nevertheless held accountable for knowledge concerning all phases of the field, including extracorporeal perfusion (physiological concepts, techniques, and complications), cardiac devices, management of dysrhythmias, and thoracic oncology. In addition, a candidate should have had responsibility for the care of pediatric general thoracic surgical patients and be competent in video-assisted thoracoscopic surgery. The candidate should also have an in-depth knowledge of the management of acutely ill patients in the intensive care unit. This requires an understanding of cardiorespiratory physiology, respirators, blood gases, metabolic alterations, cardiac output, hyperalimentation, and many other areas. By virtue of his or her residency in thoracic surgery, the candidate is expected to be fully qualified in the surgical care of critically ill patients.

## Operative Experience Credit

Credit will be allowed for supervised operative experience in a well-organized teaching setting only when the following criteria are met:

1. The resident participated in the diagnosis, preoperative planning, surgical indications, and selection of the appropriate operation;
2. The resident performed under appropriate supervision in a well-organized teaching setting approved by the Residency Review Committee for Thoracic Surgery those technical manipulations that constituted the essential parts of the procedure itself;
3. The resident was substantially involved in postoperative care.

Supervision and active participation by the thoracic surgery faculty are required in preoperative, intraoperative, and postoperative care.

The Board also emphasizes that first-assisting at operations is an important part of resident experience, particularly in complex or relatively uncommon cases, such as certain kinds of congenital heart operations to correct congenital heart defects or disorders of the esophagus.

## Applications

Before applying for examination, prospective candidates should consider whether they are able to meet the minimum requirements of the Board, which includes certification by the American Board of Surgery. They should then submit a letter to the office of the Secretary of the Board, outlining briefly their thoracic surgery residency experience and requesting an application.

An application will be sent to candidates who have completed residency programs that have been approved by the Residency Review Committee for Thoracic Surgery. Each applicant should consult with his or her program director regarding the correct way to complete the operative case list forms.

The American Board of Thoracic Surgery takes particular note of the problems facing those with a disability and stands ready to alter its examination procedures in such a way that individuals who are competent to practice thoracic surgery have the opportunity to take the Board's examination under circumstances that accommodate the individual's disability. Individuals requiring special consideration because of a disability should notify the Board at least 60 days before the August 1 deadline for submitting an application.

Candidates are notified of their eligibility for examination when their applications have been approved.

### Examinations

It is the policy of the American Board of Thoracic Surgery to consider a candidate for examination only after he or she has completed a thoracic surgery residency program approved by the Residency Review Committee for Thoracic Surgery (RRC).

Separate written and oral examinations are held annually at times and places determined by the Board. Information regarding the dates and places of the examinations is published in the Examination and Licensure column of the *Journal of the American Medical Association*, the *Journal of Thoracic and Cardiovascular Surgery*, and the *Annals of Thoracic Surgery*.

#### Part I—Written Examination

The examination consists of a written examination designed primarily, to assess cognitive skills.

#### Part II—Oral Examination

Successful completion of the Part I (written) examination is a requirement for admission to the Part II (oral) examination. The oral examination is designed to test the candidate's knowledge, judgment, and ability to correlate information in the management of clinical problems in general thoracic and cardiovascular surgery.

#### Examination Sequence

Candidates should apply for the examination within 5 years of the satisfactory completion of their thoracic surgery residency. Those applying after 5 years will need an additional year of training in a program approved in advance by the American Board of Thoracic Surgery before they will be eligible to apply for examination.

After a candidate is declared eligible for the written examination (Part I), he or she must pass Part I within 4 years. The candidate who successfully completes Part I of the examination then must pass Part II within the succeeding 4 years.

Candidates who fail an examination (Part I or Part II) are eligible to repeat the examination the following year.

Candidates who fail either Part I or Part II of the examination three times, or do not pass either part of the examination within the allotted time period of 4 years, will be required to complete an additional thoracic surgical educational program that must be approved in advance by the Board before they will be permitted to retake the examination. Candidates who complete the required additional training must file an addendum to their application, have their eligibility for examination reviewed by the Credentials Committee, and pay a new registration fee. They will be given two more opportunities to take the examination (Part I or Part II) within the succeeding 2 years.

Candidates who fail either Part I or Part II a fifth time will be required to complete another approved thoracic surgery residency before they will be eligible to reapply for examination by the Board.

### Fees

Registration fee (not refundable)—\$360

Part I examination fee—\$850

Part I reexamination fee—\$850

Part II examination fee—\$900

Part II reexamination fee—\$900

Candidates who do not appear for their scheduled examination (Part I or Part II) or who cancel less than 6 weeks prior to either examination may forfeit their examination fee.

The Board is a nonprofit corporation, and the fees from candidates are used solely to defray actual expenses incurred in conducting examinations and carrying out the business of the Board. The directors of the Board serve without remuneration.

### Appeals

Individuals who receive an unfavorable ruling from a committee of the Board may appeal such determination by mailing a notice of appeal to the office of the American Board of Thoracic Surgery within 30 days of the date such ruling was mailed. A copy of the appeals procedure will be mailed to the candidate.

The only appeal permitted from failing the written examination is a request for a hand rescoring to verify the accuracy of the score as reported. This request must be made within 30 days of the time the examination results are received by the candidate.

The only appeal with respect to the oral examination is the opportunity to request immediate reexamination following the completion of the oral examination. A candidate who believes that any of his or her examiners have been unfair or biased during a portion of the oral examination may request reexamination by another examiner. The grade on reexamination will be the final grade of the candidate for that portion of the examination.

### Chemical Dependency

Qualified applicants who have a history of chemical dependency that has been reported to the Board and who submit documentation suitable to the Board that their dependency has been under control for a period of at least 2 years will be admitted to the examination process.

For candidates who are already in the examination process and develop a chemical dependency as reported to the Board, the process will be suspended until the candidate can provide documentation suitable to the Board that the condition has been under control for a period of 2 years. At that time, the candidate will be readmitted to the examination process. The requirement to be accepted for examination within 5 years of completion of an approved thoracic surgery residency will not be waived.

### Certification

After a candidate has met the requirements for eligibility and passed the examination, a certificate attesting to the candidate's qualifications in thoracic surgery will be issued by the Board. The certificate is valid for 10 years.

### Recertification

Applicants who are certified in thoracic surgery are issued certificates that are valid for 10 years from the date of certification, after which the certificates will no longer be valid. Certificates can be renewed before expiration by fulfilling the requirements for recertification specified by the American Board of Thoracic Surgery at that time. A recertification Booklet is available upon request.

### Denial or Revocation of Certificate

No certificate shall be issued or a certificate may be revoked by the Board if it determines that:

1. The candidate for certification or diplomate did not possess the required qualifications and requirements for examination, whether such deficiency was known to the Board or any Committee thereof before examination or at the time of issuance of the certificate as the case may be;
2. The candidate for certification or diplomate withheld information in his or her application or made a material misstatement or any other misrepresentation to the Board or any Committee thereof, whether intentional or unintentional;
3. The candidate for certification or diplomate was convicted by a court of competent jurisdiction of any felony or misdemeanor involving moral turpitude and, in the opinion of the Board, having a material relationship to the practice of medicine;



4. The candidate for certification or diplomate had his or her license to practice medicine revoked or was disciplined or censured by any court or other body having proper jurisdiction and authority because of any act or omission arising from the practice of medicine; or
5. The candidate for certification or diplomate had a history of chemical dependency or developed such during the certification process and failed to report same to the Board.

## American Board of Urology

David L McCullough, MD, President, Winston-Salem, North Carolina  
W Scott McDougal, MD, President-Elect, Examination Committee  
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Kenneth A Kropp, MD, Toledo, Ohio  
Jerome P Richie, MD, Boston, Massachusetts  
Alan J Wein, MD, Philadelphia, Pennsylvania  
Richard D Williams, MD, Iowa City, Iowa

Correspondence should be addressed to  
Alan D Perlmutter, MD, Executive Secretary  
31700 Telegraph Rd/Ste 150  
Bingham Farms, MI 48025  
810 646-9720

*(These criteria and conditions are subject to change without notice. All applicants are advised to contact the American Board of Urology to ascertain whether the information they have is current.)*

### Purpose

The objective of the American Board of Urology, Inc, hereinafter sometimes referred to as "the Board," is to identify for the public's knowledge those physicians who have satisfied the Board's criteria for certification and recertification in the specialty of urology. Certification by the Board does not guarantee competence in practice, but does indicate that the physician has completed certain basic training requirements and has demonstrated at the time of examination a fund of knowledge and competence in the care of those patients whose cases were reviewed by the Board, as described elsewhere in this publication.

### Functions of the Board

The Board arranges and conducts examinations testing the qualifications of voluntary candidates, and grants and issues certificates to accepted candidates duly licensed to practice medicine. The Board holds the power to revoke such a certificate.

The Board endeavors to serve the public, hospitals, medical schools, medical societies, and practitioners of medicine by preparing lists of urologists whom it has certified. Lists of diplomates of this Board are published in the *Directory of the American Medical Association* (signified in biographical data by symbol "95") and the *ABMS Compendium of Certified Medical Specialists*.

The Board is not responsible for opinions expressed concerning an individual's credentials for the examinations or status in the accreditation process unless they are expressed in writing and signed by the president or executive secretary of the Board.

### Associations of the Board

The nominating societies of this Board and sponsors of its activities are: the American Urological Association, the American Association of Genito-Urinary Surgeons, the American Association of Clinical Urologists, the Society of University Urologists, the American College of Surgeons, and the Urology Section of the American Academy of Pediatrics.

The American Board of Urology and the various other specialty boards are members of the American Board of Medical Specialties, which includes as associate members the Association of American Medical Colleges, the American Hospital Association, the Federation of State Medical Boards of the USA, the National Board of Medical Examiners, and the Council of Medical Specialty Societies.

The American Board of Medical Specialties, in conjunction with the Residency Review Committee for Urology and the Accreditation Council for Graduate Medical Education (ACGME), has established academic standards for specialization that the American Board of Urology, Inc, has adopted. Such standards are found in the *Graduate Medical Education Directory* published by the American Medical Association.

Training programs in urology are reviewed by the Residency Review Committee for Urology, which consists of representatives from the American Board of Urology, Inc, the Council on Medical Education of the American Medical Association, and the American College of Surgeons. Upon recommendation by the Residency Review Committee, the Accreditation Council for Graduate Medical Education (ACGME) determines the accreditation status of each program.

A list of approved residencies for training in urology may be found in *Graduate Medical Education Directory* published by the American Medical Association.

### Limitations of Functions of the Board

Application for certification is entirely voluntary. Only one certificate for each qualified individual is issued by the Board.

The Board makes no attempt to control the practice of urology by license or legal regulation, and in no way interferes with or limits the professional activities of any duly licensed physician.

### Requirements

An applicant may initiate application for certification by the American Board of Urology during the final year of his or her residency training or at some point thereafter. For details of the certification process see "Certification Process." Every applicant, however, must meet certain basic requirements as follows:

#### A. Prerequisites

1. Except as noted below, the applicant must be a graduate of a medical school approved by the Liaison Committee on Medical Education or a school of osteopathy approved by the Bureau of Professional Education of the American Osteopathic Association, and have completed an ACGME-accredited urology residency program as designated in the *AMA Graduate Medical Education Directory*, Section II, "The Essentials of Accredited Residencies in Graduate Medical Education."

A minimum of 5 years of postgraduate education is required of which 12 months must be spent in general surgery and 36 months must be spent in clinical urology in an ACGME-accredited program. Of the remaining 12 months, a minimum of 6 months must be spent in general surgery, urology, or other clinical disciplines relevant to urology. Irrespective of the training format provided, the final 12 months of training must be spent as a senior/chief resident in urology with appropriate clinical responsibility under supervision in institutions that are an approved part of the program.

Any resident who intends to transfer to another urology residency program during the urologic portion of the training must obtain the approval of the Board prior to the change. The resident must petition the Board in advance for said approval. The Board also requires the written acknowledgment and approval of both program directors.

In regards to leaves of absence for parental leave, illness, injury, disability, and substance abuse during residency training, no more than 4 months of clinical training during residency can be omitted. At least 32 months of clinical training in a 3-year program or 44 months of clinical training in a 4-year program must be completed in order to enter the certification process of the Board; credit for absences of greater length must be justified by the program director and approved by the Board. Please contact the Board office if you have any questions on this matter.

To be admissible to the certification process of the Board, the resident must complete the requirements for his/her specific program in effect at the time of acceptance in the program, as established by the Residency Review Committee for Urology or the Accreditation Committee of the Royal College of Physicians and Surgeons of Canada.

2. To meet the requirements for admissibility to the certification process of the Board, a Canadian-trained urologist must have graduated from a United States or Canadian medical school approved by the Liaison Committee for Medical Education (LCME) and have completed the previously described pre-urology and urology requirements with the final year as chief resident, in programs approved by the Accreditation Council for Graduate Medical Education (ACGME) or the Accreditation Committee of the Royal College of Physicians and Surgeons of Canada. Upon successful completion of this training, the candidate may sit for the Qualifying (Part I) Examination of the American Board of Urology.

To be admissible to the Certifying (Part II) Examination, the Canadian-trained candidate must be certified by the Royal College of Physicians and Surgeons of Canada.

3. Foreign medical graduates from schools outside the United States providing an equivalent medical background, who have completed an approved urology residency in the United States, may also qualify for examination by the American Board of Urology, but pre-urology training taken outside the United States may be approved for no more than 1 year of the 2-year prerequisite non-urology training. All such applicants must have a valid ECFMG certificate and at least one year of surgical training in an accredited general surgery training program in the United States or Canada.
4. In addition to the training requirements noted above, applicants seeking certification by the American Board of Urology must also have a valid medical license that is not subject to any restrictions, conditions, or limitations, and must demonstrate competence in clinical practice. The Board will obtain evidence of this through a review of logs of cases performed by the applicant and by direct communication with the applicant's peers.
5. Applicants who have a history of chemical dependency will not be admitted to the Qualifying (Part I) or Certifying (Part II) Examination unless they present evidence to the Board that they have satisfactorily completed the program of treatment prescribed for their condition. In addition, any such applicants for the Certifying (Part II) Examination may have a site visit of their practices by a representative of the Board as described in C.1.
6. Deviations from the requirements described above may be permitted at the discretion of the Board when the Board is satisfied that the deviation provides equivalent or superior education or training. Any such deviations must be approved by the board be-

fore the applicant enters the urological portion of training. A \$300 administrative fee is assessed for Board review of non-ACGME-approved training. Notarized documentation of all such training must accompany the request. The Board office deadlines for receipt of agenda materials for the next Credentials Committee meeting are January 1 and June 1 of the current year.

#### B. Application

1. A special application form provided by the Executive Secretary shall be completed by the applicant and returned to the Board office by registered, certified, or express mail with return receipt requested. Application must be in the Board office by November 1 in order to permit the applicant to be admitted for the Qualifying Examination (Part I) the following May or June. Applications and documentation material postmarked before, but not received in the Board office by, November 1 will incur a late fee of \$300. No applications will be accepted after December 1. No application will be considered by the Credentials Committee or the Board unless it is submitted by the deadline set forth and is complete and includes all supporting documentation described in this part. The Executive Secretary will determine if an application is complete.

2. The application must be accompanied by a notarized copy of a graduation certificate from a medical school approved by the Liaison Committee on Medical Education or from a school of osteopathy approved by the Bureau of Professional Education of the American Osteopathic Association and by specific verification (such as a notarized certificate or an original letter from that program's director) of successful completion of the pre-urology postgraduate training requirement in a program approved by ACGME. Pre-urology must be documented separately and may not be included in the description of the urology program.

Graduates of medical schools not approved by the Liaison Committee on Medical Education, the Bureau of Professional Education of the American Osteopathic Association, or the Accreditation Committee of the Royal College of Physicians and Surgeons of Canada must furnish a notarized copy of a valid ECFMG Certificate (or Fifth Pathway certificate).

3. A portion of the examination fee shall be paid at the time the application is submitted as specified under Fees.
4. For each applicant, the director of the program where the applicant finished residency must complete an evaluation form supplied by the Board. This evaluation must be received in the Board office by March 1 preceding the Qualifying Examination (Part I) given the following May or June. An application from a senior resident must also be accompanied by a letter from the Program Director confirming that the applicant is expected to have completed successfully 1 year of training in the capacity of senior or chief resident during the calendar year in which the Qualifying Examination (Part I) is to be taken. The applicant is responsible for ensuring that these supporting documents are received in the Board Office at the indicated time.
5. Applicants for certification must be approved by the Credentials Committee and the Board. Additional information may be requested by the Executive Secretary. No duty or obligation to assist any applicant in completing the application is implied.
6. As a condition of application to the Qualifying (Part I) Examination, applicants and candidates sign a waiver allowing the Board to release examination results achieved in the Qualifying Examination to their residency program and to the Residency Review Committee for Urology.
7. If you require special aids or assistance due to a physical or mental disability during the Board examinations, please indicate this on the application. You will be expected to submit appropriate

documentation substantiating your disability. The Board reserves the right to verify your disability.

### C. Fees

1. The current examination fee may be changed without notice. This fee reimburses the Board for expenses incurred in preparing and processing the applications and examinations of the candidate. No fees are refundable. Unused fees will be credited for the next available examination only, and if they are not utilized at the first available opportunity, credit will be disallowed.
2. Payment of \$825 must accompany the initial application for the Qualifying (Part I) Examination except in the case of senior residents, who shall pay \$575 as the fee for the initial application. Senior residents only may delay the fee payment until January 5. An additional fee of \$825 must accompany application for the Certifying (Part II) Examination. An applicant or candidate secures no vested right to certification as a result of paying an examination fee.
3. Cancellation fees are as follows:
  - \$500 failure to appear
  - \$300 unexcused absence
  - \$200 excused absence (in cases of personal or family illness/death).
4. Only one excused absence is permitted at the discretion of the Board, which extends the period of eligibility for 1 year for that examination. The excused absence fee of \$200 will be assessed and no reinstatement fee will be applied. Following one excused absence, only unexcused absences may be granted; there will be no further extensions of eligibility and the unexcused absence and reinstatement fees will be assessed. Applications will be considered inactive if two successive examination appointments are canceled by the applicant. If the candidate does not already exceed the 5-year time limit for the exam, he or she may regain active status by paying a reinstatement fee of \$600 plus an additional \$300 for an unexcused absence or \$500 for a nonappearance.
5. A \$300 late fee will be assessed for any application and/or documentation and/or fees not received in the Board Office by the prescribed deadlines. Express mail is recommended. A \$100 fee will be assessed for all returned checks.
6. The fee for the Preliminary Examination is \$400.
7. The application fee for recertification, as described in "Board Eligible Status," is \$900.
8. The fee for a site visit by a Board representative is \$2,000 plus expenses.

### Certification Process

Applicants approved by the Board to enter the certification process must complete both a written Qualifying Examination (Part I) and, after passing this examination, a subsequent Certifying Examination (Part II). Assessment of clinical competence through review of practice logs and peer review will also be carried out prior to admission to the Certifying Exam (Part II). Applicants who have not applied to take the Qualifying (Part I) Examination within 5 years of the completion of their urological residency will be required to pass a written Preliminary Examination before being permitted to enter the certification process. The Preliminary Examination is given each November during the annual In-Service Examination. Contact the Board Office before August 15 for information.

Applicants who have not passed the Qualifying (Part I) Examination within 5 years of the first scheduled Qualifying (Part I) Examination will be required to pass a written Preliminary Examination before being allowed to apply again (see paragraph above).

Certification must be achieved within 5 years of the first scheduled Qualifying (Part I) Examination after entering the certification process.

### A. Qualifying Examination (Part I)

The Qualifying Examination is a written examination given in May or June of each year simultaneously at several different occasions. An applicant failing the Qualifying Examination (Part I) must repeat it the next year unless the absence is excused by the Board of office (see Fees). Failure to retake the examination at the first available opportunity will result in administrative withdrawal of the application.

An applicant must pass the Qualifying (Part I) Examination within 5 years of entering the certification process. Failure to do so will require successful completion of a written Preliminary Examination in order to reenter the certification process at the Qualifying (Part I) Examination level.

The Qualifying Examination is designed to assess knowledge of the entire field of urology and allied subjects.

This includes andrology (including infertility), calculous disease (including endourology and shock-wave lithotripsy), congenital anomalies, pediatric urology, female urology, infectious diseases, neurourology and urodynamics, obstructive diseases, psychological disorders, renovascular hypertension and renal transplantation, sexuality and impotence, adrenal diseases and endocrinology, trauma, and urologic oncology.

### B. Certifying Examination (Part II)

Candidates for the Certifying Examination (Part II) must have met all training requirements and have passed the Qualifying Examination (Part I). The Certifying Examination includes assessment of clinical competence through review of practice logs and peer review and three practical examinations (an oral examination and written examinations in urologic imaging and pathology). In addition, the candidate must have engaged in a minimum of 18 months of urological practice with primary patient responsibility in a single community, an academic institution, or in the Armed Forces. Six months credit toward this 18-month practice period may be awarded an individual in a fellowship relevant to urology of 1 year or longer.

Application for admission to the Certifying Examination (Part II) is made by completing the Supplemental Application form available from the Board office. This application must be returned by registered, certified, or express mail with return receipt requested, and be received in the Board office by July 1 prior to the Certifying Examination of the following year. In addition, a minimum 1-year log of all major and minor cases performed as the primary surgeon, prepared in accordance with the form provided by the American Board of Urology and verified in writing by the administrator of every facility where the candidate practices, must be necessary in the Board office by November 15 prior to the Certifying Examination the following year. Express mail is recommended.

Applicants will be assessed \$300 for logs received between November 15 and December 1. No surgical logs will be accepted after December 1.

The oral examination, urologic imaging examination, and pathology examination are all regarded as separate examinations. In the event of failure of any one of the three, only the failed examination need be repeated. The candidate must successfully complete all three parts of the Certifying Examination (Part II) within five years of the first scheduled Qualifying (Part I) Examination after entering the certification process or it will be necessary to pass a written Preliminary Examination and reenter the certification process at the Qualifying (Part I) Examination level. Extensions are granted by the Board because of extenuating or special circumstances (eg,

involvement in a fellowship of 1 or more years' duration, subject to Board approval, and deferral for an inadequate surgical log).

### C. Steps in the Certifying Examination

#### 1. Assessment of Clinical Competence

Urology is the specialty that deals with the medical and surgical disorders of the genitourinary tract including the adrenal gland. Candidates must demonstrate knowledge, competence, and surgical experience in the broad domains of urology such as infertility, impotence, calculus disease, endourology, extra corporeal shock wave lithotripsy, neurourology, urodynamics, urologic imaging, uropathology, female urology, pediatric urology, infectious disease, obstructive disease, psychologic disorders, renovascular disease, transplantation, genitourinary sexuality, trauma, and oncology.

Candidates for the Certifying Examination (Part II) must be in the full-time practice of urology and must be licensed to practice medicine in the area of current practice activity. As evidence of competency, the candidate must submit a log of cases performed as primary surgeon during the most recent 12 to 18 months in the area of current practice as described earlier in this section.

In the case of military or public health physicians subject to unexpected changes of assignment, the Board may accept cases from the previous assignment. Photostatic copies of patient records from the patient care facility and/or office record of any one or more of the above cases may be requested by the Board. The candidate shall be responsible for obtaining patient consent for the disclosure of patient records to the Board, or for ensuring that the patient records disclosed to the Board do not contain any patient-identifying information. The candidate is expected to furnish such records within one month of the request.

Surgical log review is an important component of the certification process. While there is no minimum number of cases established for an acceptable log, a surgical experience well below the norm for the peer group may be a cause for the Trustees to delay the certification process until there is a sufficient experience to adequately assess a candidate's practice pattern and management.

The Board will review the surgical logs of urologic subspecialists in the context of the expected subspecialty experience. The 5-year period of admissibility for completing certification will be extended by 1 year for candidates whose certification is delayed because of an inadequate surgical log.

To further ascertain and document the candidate's qualifications for certification, the American Board of Urology will solicit information and comments from appropriate individuals, such as fellow practitioners, or from organizations, such as medical societies, licensing agencies, etc. The Board will be authorized by the candidate and will be held harmless to conduct investigations of professional ethics, reputation, and practice patterns. Under no circumstances will the source of peer review letters be revealed to any person other than members of the American Board of Urology.

Upon receipt of the practice logs and peer review information, the credentials of the candidate will be reviewed by the Credentials Committee of the Board. Evidence of ethical, moral, and professional behavior and an appropriate pattern of urologic practice including experience with an adequate volume and variety of clinical material will be sought. Areas of inadequacy may be a cause for deferment or discontinuation of the certifying process until these areas are clarified or corrected. Actions of the Board to achieve clarification may include:

- Inquiry into practice irregularities by the Credentials Committee of the Board.
- Request for certified copies of candidate's health care facility and/or office records for review.
- A site visit to the candidate's community at the candidate's expense.

- Other appropriate measures that may be deemed necessary to assess apparent deviations from standard urologic practice.

The candidate will not be permitted to continue the certification process until the Board has satisfied itself of the appropriateness of the candidate's practice pattern and professional behavior. The Board may elect to defer continuation of the certification process pending investigation and resolution of any inadequacies or deviations. It may deny certification when serious practice deviations or unethical conduct are involved. These include, but are not limited to, cheating on or improper or disruptive conduct during any examination conducted by the Board, the solicitation or distribution of examination materials, and misrepresentation of an applicant's or candidate's status in the certification process.

#### 2. Oral, Pathology, and Urologic Imaging Examinations

These examinations are given annually in January or February at a single site. The pathology and urologic imaging examinations are written and are based on projected photographic slide material. The oral examination is an interactive process between examiner and candidate during which an assessment is made of ability to diagnose and manage urologic problems. Since the candidate has passed the Qualifying Examination (Part I), the examiner presumes in the oral examination that the candidate has a satisfactory degree of cognitive knowledge of urology. Therefore, the oral examination will concentrate upon the following:

- Problem Solving Ability.** Evaluation is made of the candidate's ability to collect pertinent information systematically, integrate it, assess the problem, and propose an appropriate solution.
- Response to a Change in a Clinical Situation.** The candidate's ability to manage changing clinical conditions is evaluated through the flexible interaction between the examiner and the candidate. Changed clinical conditions may be posed arbitrarily by the examiner in order to assess various responses by the candidate, or may be developed by the examiner from the outcome of management recommendations offered by the candidate during the interview.
- Professional Behavior in the Role of a Urologist.** The candidate's attitude, interaction with the examiner, and expression of patient management concerns contribute to the assessment of professional behavior.

#### Unforeseeable Events

Certain unforeseeable events such as a natural disaster, war, government regulations, strikes, civil disorders, curtailment of transportation, and the like may make it inadvisable, illegal, or impossible for the Board to administer an examination to a candidate at the scheduled date, time, and location. In any such circumstance, the Board is not responsible for any expense the candidate may have incurred to be present for the examination or may incur for any future or substitute examination.

#### Final Action of the Board

Final action regarding each applicant is the sole prerogative of the Board and is based upon the applicant's training, professional record, performance in clinical practice, and the results of the examinations given by the Board.

Regardless of the sequence by which the various steps of certification may have been accomplished, the process itself is not considered complete until the Board's final action. At any point in the process, the Board may delay or even deny certification upon consideration of information that appears to the Board to justify such action.

The activities described under "Requirements" and "Certification Process" of this publication proceed from the certificate of incorporation and bylaws that state the nature of the business,

objects, and purposes proposed to be transacted and carried out by this corporation.

### Appeals Procedure

The Board has established an appeals process for candidates denied certification, or for Diplomates with time-limited certificates denied recertification. An appeal must be initiated by a candidate or diplomate within 30 days after the mailing by the Board of the adverse decision. The candidate or diplomate must provide written notice requesting a hearing to appeal the Board's decision, and cite the specific reasons given by the Board that are alleged to be erroneous. A copy of the appeals process may be obtained from the Board office upon written request by the affected party.

### Board Eligible Status

The American Board of Urology does not use nor recognize the term "Board-eligible" in reference to its applicants or candidates. A candidate is not certified (ie, does not become a diplomate) until all components of the certification process are successfully completed. Applicants who sit for the Qualifying (Part I) Examination become "active candidates" in the certification process and remain so for the 5 years of admissibility allowed to complete that process.

### Recertification

Certificates issued by the American Board of Urology on or after January 1, 1985, expire on the anniversary of the date of issue and are valid for 10 years only. A physician who fails to be recertified by the expiration date is no longer a diplomate of the Board. It is recommended, therefore, that diplomates possessing a time-limited certificate make plans to obtain recertification beginning up to 3 years before the expiration date of their current certificate.

The office of the American Board of Urology will notify Diplomates holding a time-limited certificate 3 years prior to its expiration. At that time a handbook entitled "Information for Applicants for Recertification" will be provided that details the recertification process. This handbook is also available on request from the Board office.

### Revocation of Certificate

Certificates issued by this Board are the property of the Board, and are issued pursuant to the rules and regulations of the Board. Each certificate is issued to an individual physician who, by signature, agrees to revocation of the certificate in the event that

1. The issuance of such certificate or its receipt by the physician so certified shall have been contrary to, or in violation of, any provision of the Certificate of Incorporation, Bylaws or rules and regulations of the Board in force at the time of issuance; or
2. The physician or party certified shall not have been eligible to receive such certificate, irrespective of whether the facts constituting ineligibility were known to, or could have been ascertained by, the Directors of the Board at the time of issuance of such certificate; or
3. The physician or party so certified shall have made a material misstatement of fact in application for such certificate or in any other statement or representation to the Board or its representatives; or

4. The physician so certified shall at any time have neglected to maintain the degree of competency in the practice of the specialty of urology as set up by the Board, and shall refuse to submit to reexamination by the Board; or
5. The physician so certified has been found by the Board to be guilty of unethical practices or immoral conduct or of conduct leading to revocation of license. These objective standards include conduct that violates state medical laws, rules and regulations of local and state Medical Boards, and relevant AMA guidelines, and conduct leading to revocation of license to practice medicine in any state, regardless of continuing licensure in any other state.

The Board of Trustees of this corporation shall have the sole power, jurisdiction, and right to determine and decide whether the evidence and information before it is sufficient to constitute one of the grounds for revocation of any certificate issued by this Board.

When the Board is made aware of facts possibly constituting grounds for revocation, the Board will give the physician written notification identifying the specific facts that have come to its attention. The Board may require any physician so certified to appear before the Board of Trustees or before any one or more of them, or before an individual designated by the Board upon not less than 20 days' written notice, and to show cause at that time and place specified in the notice why the certificate may not be revoked on any one of the grounds specified in such notice. The diplomate may bring to this hearing persons or documents in defense of any actions.

The failure of any physician so notified to appear as required in such notice, without due excuse deemed sufficient to the Board of Trustees, shall constitute ipso facto cause for revocation of the certificate. The decisions of the Board of Trustees relating to all matters under "Recertification" shall be final and binding.

The diplomate will be required to attest that he/she has read and understands the above provisions regarding the grounds for revocation of certificate issued and the procedures to be followed in determining whether or not a certificate should be revoked and to agree to hold the Board, its officers and agents harmless from any damage, claim, or complaint by reason of any action taken in good faith and consistent with such procedures.

### Trademark and Seal

The trademark and seal of the American Board of Urology are registered. Any unauthorized use of the trademark and seal is prohibited without express permission of the Board.

### Examination Dates for 1994-1995

#### Qualifying (Part I) Examination

June 2, 1994

June 1, 1995

#### Certifying (Part II) Examination

February 16-18, 1995

February 22-24, 1996 (Tentative)

### Change of Address

Notifying the Board office of a change of address is the responsibility of the candidate for certification.

# Appendix C

## Medical Licensure Requirements

Information in Appendix C was provided by the American Medical Association (AMA) Department of Data Base Products in cooperation with the Office of Physician Credentials and Qualifications. Tables 1, 2, 3, 4, 5, and 6 summarize the licensure policies of state boards. It is strongly recommended that candidates contact the specific state board for the most current information on licensure requirements in that state. The name and address of each state board and the corresponding officers are listed in Table 7.

All tables are reprinted from *US Medical Licensure Statistics and Current Licensure Requirements*, 1995 edition, published by the AMA. Additional information can be obtained from the following resources.

**Catherine M. Bidese**  
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515 N State St  
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312 464-5129

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American Medical Association  
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### Policies for Initial Medical Licensure for Graduates of US Medical Schools

All states require a written examination for initial licensure. Certification by the National Board of Medical Examiners (NBME) can be used as an avenue to licensure in the United States for those certified as diplomates prior to implementation of the United States Medical Licensing Examination (USMLE) and for examinees taking a combination of NBME and/or USMLE examinations who have passed at least one part or step prior to December 31, 1994. The last regular administration of Part I of the NBME examination occurred in 1991, Part II in April 1992, and Part III in May 1994. The NBME certificate will no longer be issued following certification of these examinees.

Policies of state medical boards for initial medical licensure for graduates of US medical schools appear in Table 1. All licensing jurisdictions except Oklahoma, Texas, and the Virgin Islands will endorse certificates from the NBME earned prior to the USMLE under certain circumstances. The Oklahoma and Texas licensing boards will endorse NBME certificates and state licenses based on the NBME certificate for reciprocal endorsement candidates only. Oklahoma and Texas will not endorse the NBME certificate held by a candidate who has never been licensed. The reciprocal endorsement candidate must pass the Federation of State Medical Boards' Special Purpose Examination (SPEX) in Texas or be American Specialty Board-certified or recertified. Those graduates who are not licensed by endorsement of the NBME certificate must have passed the Federation Licensing Examination (FLEX) prior to January 1994 or pass the USMLE, which is currently used by all states as the medical licensing examination. Most licensing authorities state that there is no limit to the length of time for which they endorse the NBME certificate.

Although some state medical boards allow physicians to take USMLE Step 3 with little or no graduate medical education, all of the boards require graduate training before issuing a license, usually one year. However, Connecticut, Guam, Maine, Michigan, New Hampshire, Pennsylvania, South Dakota, and Washington require two years. Illinois requires two years of graduate medical education

for persons entering training programs after January 1, 1988, and Delaware and Nevada require three years.

Licensing boards require applicants to provide detailed personal information on an application form, plus letters of reference and other evidence of good moral character. They also require payment of a licensing fee. They may require photographs, fingerprints, or other means of identification.

### Policies for Licensure of Graduates of Non-US Medical Schools

Most of the state medical boards will accept graduate training in Canada as equivalent to training undertaken in the United States. Forty-one states will issue a medical license to a graduate of a Canadian medical school who holds a license in one of the provinces of Canada. Thirty-four licensing boards, under certain specified conditions, endorse a Licentiate of the Medical Council of Canada certificate held by an international medical graduate.

In the most recent survey conducted by the AMA Department of Data Base Products, 45 states indicated that international medical graduates who hold a Fifth Pathway certificate, but do not hold a standard Education Commission for Foreign Medical Graduates (ECFMG) certificate, can be admitted to the licensing examination. Fifth Pathway Certificate holders must pass Steps 1 and 2 of the USMLE prior to entering ACGME-accredited graduate medical education programs.

Non-US educated candidates for licensure are permitted by 7 state boards to take the USMLE before they have had graduate medical education in a US or Canadian hospital. Although a passing score on the USMLE (which is used by the ECFMG for certification purposes) or the ECFMG certificate is required for licensure by most state medical boards, 18 boards now require both. Candidates are not awarded a license until they have undertaken 1 or more years of training in the United States and have met other specific requirements of the individual boards, eg, an ECFMG certificate, personal interview, fees, etc. International medical schools must be state-approved in 26 US states or territories, including Alabama, Arizona, Arkansas, California, Colorado, Connecticut, District of Columbia, Georgia, Guam, Idaho, Indiana, Kentucky, Maryland, Minnesota, Mississippi, Missouri, Montana, Nevada, North Dakota, Oklahoma, Oregon, Puerto Rico, Rhode Island, South Dakota, Tennessee, and Wyoming.

### Current Board Standards for the Administration of the US Medical Licensing Examination

In 1990, the Federation of State Medical Boards (FSMB) and the NBME established the USMLE, a single examination for assessment of US and international medical school students or graduates seeking initial licensure by US licensing jurisdictions. The USMLE replaced the two-examination sequences used in the medical licensing process, FLEX and the certifying examination of the NBME, as well as the Foreign Medical Graduate Examination in the Medical Sciences (FMGEMS), formerly used by the ECFMG for certification purposes.

The USMLE is a single-examination program with three steps. Each step is complementary to the others; no step can stand alone in the assessment of readiness for medical licensure. Each USMLE step is composed of multiple-choice questions, requires 2 days of testing, and is administered semiannually.

The USMLE Step 1 assesses whether an examinee understands and can apply key concepts of basic biomedical sciences, with an emphasis on principles and mechanisms of health, disease, and modes of therapy. Step 2 assesses whether an examinee possesses the medical knowledge and understanding of clinical science considered essential for the provision of patient care under supervi-

sion, including emphasis on health promotion and disease prevention. Step 3 assesses whether an examinee possesses the medical knowledge and understanding of biomedical and clinical science considered essential for the unsupervised practice of medicine.

Steps 1 and 2 are administered to students and graduates of US and Canadian medical schools at test centers established by the NBME, and application materials are usually available at these medical schools. Steps 1 and 2 are administered by the ECFMG to students and graduates of foreign medical schools; application materials are available only through the ECFMG. Step 3 is the responsibility of the individual medical licensing jurisdictions. Step 3 application materials for physicians who have successfully completed Steps 1 and 2 are available from medical licensing authorities.

Students who enrolled in US medical schools beginning in the fall of 1990 and international medical graduates who applied for ECFMG examinations beginning in 1993 will have access to only the USMLE for purposes of licensure. The first Step 1 administration occurred in June 1992, and the first Step 2 occurred in September 1992. The first Step 3 occurred in June 1994. Because some medical students and physicians have already successfully completed some part of the NBME or the FLEX examination sequences before the implementation of USMLE, it is expected that certain combinations of the examination may be considered by medical licensing authorities as comparable to existing examinations. The USMLE program recommends that such combinations be accepted for medical licensure only if completed prior to the year 2000.

Most medical licensing authorities require completion of Steps 1, 2, and 3 within a 7-year period. This 7-year period begins when the medical student or graduate first passes Step 1 or Step 2. Licensing authorities also set a limit on the number of attempts allowed to pass each step and have established as an eligibility requirement for Step 3 the completion, or near completion, of at least 1 post-graduate training year. Information on specific examination requirements within each licensing jurisdiction, as well as the fee for the USMLE examination Step 3, are listed in Tables 4 and 5.

### Clerkship Regulations

For purposes of this publication, *clerkships* are defined as clinical education provided to medical students. Table 6 lists the 24 states that evaluate the quality of clinical clerkships in connection with an application for licensure. In most cases, state medical boards report that clerkships must be in hospitals affiliated with Liaison Committee on Medical Education-accredited medical schools or ACGME-accredited residency programs. Fourteen states require additional and/or more specific bases of evaluation.

Sixteen state medical boards have state regulations for clerkships provided in their states to students of foreign medical schools. Of these, three state medical boards report that such clerkships are forbidden, and 11 states permit training only in hospitals with accredited residency programs.

### Restricted Licenses and Educational Permits

Fifty-two boards issue educational permits, limited and temporary licenses, or other certificates for the restricted practice of medicine. The terms for the issuance of such certificates vary. Certificates may be issued for hospital training of those eligible for licensure; supervised employment in state or private hospitals; and full-time practice until the next regular session of the licensing board. Permits must generally be renewed once a year with a stipulated maximum number of renewals allowed (usually 5 years).

Amendments to the Immigration and Nationality Act made through Public Law 94-484 and the Health Professions Educational Assistance Act of 1976 establish requirements for the admission of

foreign national physicians to the United States, whether for permanent residence or for participation in graduate medical education programs. The amendments require that foreign national graduates of non-US medical schools pass an examination determined by the Secretary of Health and Human Services to be the equivalent to Parts I and II of the NBME examination. The amendments also require that foreign national medical graduates demonstrate competence in oral and written English.

The Secretary of Health and Human Services has determined that Steps 1 and 2 of the USMLE, which is prepared by the NBME and administered by the ECFMG, is the equivalent of Parts I and II

of the NBME examination for purposes of the amendments to the Immigration and Nationality Act. This examination is given at examination centers abroad and in the United States. Applications for the examination and questions should be addressed to the Educational Commission for Foreign Medical Graduates, 3624 Market St, Philadelphia, PA 19104, USA.

Graduates of non-US medical schools who are citizens of the United States and lawful permanent residents of the United States also must pass the USMLE in order to be provided with the ECFMG certificate.



**Table 1. Policies of State Medical Boards of Medical Examiners for Initial Licensure for Graduates of US Medical Schools**

State	Endorsement of National Boards (NB) Earned Prior to USMLE	Length of Time NBs Are Endorsed	Number of Years of Accredited US or Canadian Graduate Medical Education Required	
			To Take USMLE Step 3	For Licensure
Alabama	Yes	NL*	1	1
Alaska	Yes	NL	See <sup>1</sup>	1
Arizona	Yes	10 yrs or see <sup>2</sup>	1	1
Arkansas	Yes	NL	1	1
California	Yes	5 yrs or see <sup>3</sup>	0	1
Colorado	Yes	NL	1	1
Connecticut	Yes	NL	0	2
Delaware	Yes	NL	1	3
District of Columbia	Yes	NL	See <sup>1</sup>	1
Florida	Yes	10 yrs	1	1
Georgia	Yes	NL	1-3	1
Guam	Yes	NL	See <sup>1</sup>	2
Hawaii	Yes	NL	1	1
Idaho	Yes	NL	1	1
Illinois <sup>4</sup>	Yes	NL	See <sup>1</sup>	See <sup>5</sup>
Indiana	Yes	NL	6 mos.	1 <sup>6</sup>
Iowa	Yes	NL	7 mos.	1 <sup>7</sup>
Kansas	Yes	NL	1	1
Kentucky	Yes	NL	1	1
Louisiana	Yes	10 yrs	0	1
Maine	Yes	NL	1	2
Maryland	Yes	NL	0	1
Massachusetts	Yes	NL	1	1
Michigan	Yes	NL	1	2
Minnesota	Yes	10 yrs or see <sup>8</sup>	1	1
Mississippi	Yes	NL	0	1
Missouri	Yes	..	1	1
Montana	Yes	NL	1	1
Nebraska	Yes	NL	0	1
Nevada	Yes <sup>3</sup>	NL	0	3
New Hampshire	Yes	NL	2	2
New Jersey	Yes	NL	1	1
New Mexico	Yes	NL	2	1
New York	Yes	NL	0	1
North Carolina	Yes	NL	1	1
North Dakota	Yes	NL	1	1
Ohio	Yes	NL	1	1
Oklahoma	No	..	11 mos.	1
Oregon	Yes	10 yrs or see <sup>2</sup>	1	1
Pennsylvania	Yes	NL	See <sup>9</sup>	2 <sup>10</sup>
Puerto Rico	Yes	NL	See <sup>1</sup>	1
Rhode Island	Yes	NL	1	1
South Carolina	Yes	10 yrs or see <sup>2</sup>	1	1
South Dakota	Yes	NL	1	2
Tennessee	Yes	NL	1	1
Texas	No	..	0	1
Utah	Yes	NL	1	1
Vermont	Yes	NL	See <sup>1</sup>	1 <sup>11</sup>
Virgin Islands	No	..	See <sup>1</sup>	1
Virginia	Yes	NL	1	1
Washington	Yes	NL	9 mos.	2
West Virginia	Yes	NL	0	1
Wisconsin	Yes	NL	1	1
Wyoming	Yes	NL	1	1

\* NL—indicates no limit.

<sup>1</sup> No information provided.<sup>2</sup> SPEX Examination.<sup>3</sup> Oral examination is required.<sup>4</sup> Prior to January 1, 1964, candidate must be board-certified or will be required to take USMLE Step 3 or SPEX.<sup>5</sup> Persons entering GME programs prior to January 1, 1988, need 1 year; from January 1, 1988 on, 2 years are required.<sup>6</sup> One additional year of GME is required if applicant failed an exam or any part of an exam 3 or more times and did not pass prior to 10/1/92. The training must occur after the last failure.<sup>7</sup> For applications received on or after January 1, 1992.<sup>8</sup> SPEX required unless specialty board certified.<sup>9</sup> Must be enrolled in a GME program.<sup>10</sup> One year is required, if physician had no US training prior to July 1, 1987.<sup>11</sup> Canadian accepted only if graduated from a Canadian school.

**Table 2. Policies of State Boards of Medical Examiners for Citizens of Canada who are Graduates of Accredited Canadian Medical Schools\***

State	Certification by Medical Council of Canada Approved for Licensure by Reciprocity or Endorsement	Accredited Canadian Internship and Residency Programs Accepted as Equivalent to Graduate Education in a US Hospital
Alabama	Yes	Yes
Alaska	Yes	Yes
Arizona	Yes	Yes
Arkansas	Yes	Yes
California	Yes	Yes
Colorado	Yes	Yes
Connecticut	Yes	Yes
Delaware	Yes	Yes
District of Columbia	Yes	No
Florida	No	Yes
Georgia	Yes	Yes
Guam	No	No
Hawaii	No	Yes
Idaho	Yes	Yes
Illinois	Yes <sup>1</sup>	Yes
Indiana	Yes	Yes
Iowa	Yes <sup>2</sup>	Yes
Kansas	No	Yes
Kentucky	Yes	Yes
Louisiana	No	Yes
Maine	Yes	Yes
Maryland	No	Yes
Massachusetts	Yes	Yes
Michigan	Yes	Yes
Minnesota	Yes	Yes
Mississippi	Yes	Yes
Missouri	No	Yes
Montana	Yes	Yes
Nebraska	Yes	Yes
Nevada	No	Yes
New Hampshire	Yes	Yes
New Jersey	No	Yes
New Mexico	Yes	Yes
New York	Yes <sup>3</sup>	Yes
North Carolina	No	Yes
North Dakota	Yes	Yes
Ohio	Yes	Yes <sup>4</sup>
Oklahoma	Yes <sup>5</sup>	Yes <sup>6</sup>
Oregon	Yes	Yes
Pennsylvania	Yes <sup>7</sup>	Yes
Puerto Rico	No	Yes
Rhode Island	Yes	Yes
South Carolina	No	No
South Dakota	Yes	Yes
Tennessee	Yes	Yes
Texas	Yes	Yes
Utah	Yes	Yes
Vermont	Yes	Yes
Virgin Islands	No	Yes
Virginia	Yes	Yes
Washington	Yes <sup>5</sup>	Yes
West Virginia	Yes	Yes
Wisconsin	Yes <sup>5</sup>	Yes
Wyoming	Yes	Yes

\*All State Boards of Medical Examiners consider Canadian citizens who have graduated from an accredited Canadian medical school on the same basis for licensure as graduates of accredited US medical schools.

<sup>1</sup> Applicant must have received LMCC in or after May 1970. If examination was taken prior to May 1970, applicant must be board-certified or must successfully complete USMLE Step 3 or the SPEX examination.

<sup>2</sup> Must be endorsed by provincial licensing board.

<sup>3</sup> LMCC will be considered only in conjunction with a valid Canadian provincial license.

<sup>4</sup> One year formal GME required, or its equivalent.

<sup>5</sup> Applicant must have received LMCC in or after May 1970. (After December 31, 1969 (WA); January 1, 1978 (WI).)

**Table 3. Policies of State Boards of Medical Examiners for Physicians Educated in Foreign Countries Other Than Canada\***

State	Passing Score on ECFMG Exam or ECFMG Certificate Required		Physicians Who Complete a Fifth Pathway Program Are Qualified Licensure Candidates	Endorses the Canadian Certificate (LMCC) When Held by an IMG	Years of Accredited US or Canadian Graduate Medical Education Required	
	To Take USMLE	For Licensure			To Take USMLE	For Licensure
Alabama <sup>1</sup>	Yes	Yes	No	Yes	1	1
Alaska	Yes	Yes	No	Yes	See <sup>2</sup>	1
Arizona	Yes	Yes	Yes	Yes	1	3
Arkansas	Yes	Yes*	No	Yes	1	1
California <sup>1</sup>	Yes	Yes*	Yes	Yes	0	1 <sup>3</sup>
Colorado	Yes	Yes*	Yes	No	1	3
Connecticut	Yes	Yes	Yes	Yes	0	2
Delaware	Yes	Yes	Yes	No	1	3
District of Columbia	Yes	Yes	Yes	Yes <sup>4</sup>	See <sup>2</sup>	3
Florida	No <sup>5</sup>	No <sup>5</sup>	Yes	No	3	3
Georgia	Yes	Yes	Yes	No	1-3	3
Guam	Yes	Yes	No	No	See <sup>2</sup>	2 <sup>6</sup>
Hawaii	Yes	Yes	Yes	No	2	2
Idaho	Yes	Yes	Yes	No	3	3
Illinois	Yes	Yes	Yes	Yes	1	See <sup>7</sup>
Indiana	Yes	Yes*	No	Yes	See <sup>8</sup>	2
Iowa	Yes	Yes*	Yes	Yes <sup>9</sup>	7 mos.	1
Kansas	Yes	Yes	Yes	Yes	1	1
Kentucky	Yes	Yes	Yes	Yes	1	3
Louisiana	Yes	Yes	Yes <sup>10</sup>	No	3	3
Maine <sup>1</sup>	Yes	Yes*	Yes	Yes	2 <sup>8</sup>	3 <sup>11</sup>
Maryland	Yes	Yes	Yes	Yes	0	1 <sup>12</sup>
Massachusetts	Yes	Yes*	Yes	Yes	1	2
Michigan	Yes	Yes	No	No	1	2
Minnesota	Yes	Yes	Yes	Yes	1	2
Mississippi	Yes	Yes	Yes	No	3	3
Missouri	Yes	Yes	Yes	No	3	3
Montana	Yes	Yes*	Yes	No	1	3
Nebraska	Yes	Yes	Yes	Yes	0	3
Nevada	Yes	Yes	Yes	No	0	3
New Hampshire	Yes	Yes	Yes	Yes	2	2
New Jersey	Yes	Yes*	Yes	No	1	3
New Mexico	Yes	Yes	Yes	Yes	2	2
New York	Yes	Yes	Yes	Yes <sup>9</sup>	0	3
North Carolina	Yes	Yes	Yes	No	3	3
North Dakota	Yes	Yes*	Yes	Yes	1	3 <sup>13</sup>
Ohio	Yes	Yes*	Yes	Yes	1	2 <sup>14</sup>
Oklahoma	Yes	Yes*	Yes	Yes	1	2
Oregon	Yes	Yes*	Yes	Yes	1	3

**Table 3. Policies of State Boards of Medical Examiners for Physicians Educated in Foreign Countries Other Than Canada (continued)\***

State	Passing Score on ECFMG Exam or ECFMG Certificate Required		Physicians Who Complete a Fifth Pathway Program Are Qualified Licensure Candidates	Endorses the Canadian Certificate (LMCC) When Held by an IMG	Years of Accredited US or Canadian Graduate Medical Education Required	
	To Take USMLE	For Licensure			To Take USMLE	For Licensure
Pennsylvania	Yes	Yes	Yes	Yes <sup>15</sup>	See <sup>16</sup>	3 <sup>17</sup>
Puerto Rico	No	No	Yes	No	1	1
Rhode Island	Yes	Yes*	Yes	Yes <sup>9</sup>	3	3
South Carolina	Yes	Yes*	Yes <sup>18</sup>	No	3	3
South Dakota	Yes	Yes	Yes	Yes	1	2
Tennessee	Yes	Yes	No	Yes <sup>15</sup>	3	3
Texas	Yes	Yes*	Yes	Yes	3	3
Utah	Yes	Yes	Yes	No	1	1
Vermont	Yes	Yes	No	No	See <sup>2</sup>	3 <sup>19</sup>
Virgin Islands	Yes	Yes	Yes	No	See <sup>2</sup>	1
Virginia	Yes	Yes*	Yes	Yes	3	3
Washington	No	Yes	Yes	Yes <sup>15</sup>	2	2
West Virginia	Yes	Yes	Yes	Yes	0	3
Wisconsin	Yes	Yes*	Yes	Yes <sup>15</sup>	1	1
Wyoming <sup>1</sup>	Yes	Yes	No	Yes	1	2

This summary should be verified by direct communication with the corresponding officer of the licensing board in the state in which the physician is interested. In all states licenses based on the endorsement/acceptance of a physician's credentials are granted to those physicians meeting all state requirements—at the discretion of the licensing board.

\* Both a passing score on the ECFMG exam and the ECFMG Certificate are required.

<sup>1</sup> Oral examination is required.

<sup>2</sup> No information provided.

<sup>3</sup> Must include 4 months of general medicine.

<sup>4</sup> Oral examination may be required.

<sup>5</sup> ECFMG certificate is required if applicant is not a graduate of a foreign medical school certified by the Florida Board of Medicine and none have been approved yet. Graduates of certified foreign medical schools where the language of instruction is other than English must demonstrate competency in English.

<sup>6</sup> Varies by specialty. Canadian training not accepted.

<sup>7</sup> One year residency required for persons entering residency training prior to January 1, 1988. January 1, 1988 or after, 2 years is required.

<sup>8</sup> Near completion of 2 years.

<sup>9</sup> Only in conjunction with a valid Canadian provincial license and provided all other licensure requirements are met.

<sup>10</sup> May be counted as 1 year of required GME.

<sup>11</sup> GME taken outside the US or Canada may be found qualifying under certain circumstances.

<sup>12</sup> One year if graduated prior to 7/1/92 from an International Medical School approved by the Board.

<sup>13</sup> a) If an applicant has not completed 3 years of GME but has met all other licensing requirements and has successfully completed 1 year of GME in the US or Canada in a program approved by the Board, and if the Board finds that the applicant has other professional experience and training that is substantially equivalent to the second and third years of GME, the applicant may be deemed eligible for licensure. b) Three years of GME in the United Kingdom is considered to be equivalent to 1 year of GME in the US or Canada. The Board requires American Board Certification or successful passage of SPEX in order to be considered for one of these two exceptions.

<sup>14</sup> Training to the second-year level.

<sup>15</sup> If passed in or after May 1970 (PA); January 1, 1978 (WI). If passed before January 1, 1978 (TN). If passed after December 31, 1969 (WA).

<sup>16</sup> Must be enrolled in a GME program.

<sup>17</sup> One year is required, if physician had US GME prior to July 1, 1987.

<sup>18</sup> American Specialty Board Certification required within 10 years.

<sup>19</sup> Just United States.

**Table 4. Fees for Issuing Medical Licenses by Examination and by Endorsement and Licensure Reregistration Intervals and Fees**

State	Examination USMLE Step 3 <sup>1</sup>	Endorsement	Licensure Reregistration		CME Required
			Registration Interval (Years)	Fee	
Alabama	\$350	175 <sup>2</sup>	1	100	X
Alaska	See <sup>3</sup>	400 <sup>2</sup>	2	400	X
Arizona	550	450 <sup>4</sup>	1	200 <sup>5</sup>	X
Arkansas	400	400	1	50	
California	400	814	2	600	X
Colorado	400	329	2	214	
Connecticut	400	450	1	450	
Delaware	350	179	2	169	X
District of Columbia	See <sup>3</sup>	180	2	120	
Florida	1,010	460	2	350	X
Georgia	435	300	2	105	X
Guam	See <sup>3</sup>	150	2	60	X
Hawaii	400	290	2	240	X
Idaho	400	300	1	125	
Illinois	397	300	3	300 <sup>5</sup>	X
Indiana	490	200	2	50	
Iowa	450	300	2	150	X
Kansas	450	150	1	150	X
Kentucky	375	225	1	100	X
Louisiana	465	200	1	100	
Maine	400	350	2	200	X
Maryland	500	400 <sup>2</sup>	2	400 <sup>2</sup>	X
Massachusetts	450	350	2	250	X
Michigan	500 <sup>7</sup>	140	3	270	X
Minnesota	400	200	1	168	X
Mississippi	500 <sup>7</sup>	500	1	100	
Missouri	450	450	1	120	X
Montana	See <sup>8</sup>	200	1	140 <sup>9</sup>	
Nebraska	300	200	2	100	
Nevada	400	250	2	320 <sup>9</sup>	X
New Hampshire	See <sup>8</sup>	250	1	100	X
New Jersey	400	225 <sup>2</sup>	2	250	
New Mexico	300	350	3	210	X
New York	465	465	2	330	
North Carolina	700	250	2	100	
North Dakota	415	200	1	110	
Ohio	400	325	2	250	X
Oklahoma	300	400	1	150	
Oregon	400 <sup>7</sup>	270	2	330 <sup>9,10</sup>	
Pennsylvania	370	20 <sup>11</sup>	2	80	
Puerto Rico	See <sup>3</sup>	50	3	50	X
Rhode Island	300	350	1	200	X
South Carolina	600	500	1	80	
South Dakota	550	200	1	50	
Tennessee	See <sup>8</sup>	230	2	110	
Texas	800	800	1	300	X
Utah	400	130	2	105	
Vermont	See <sup>3</sup>	190	2	205	
Virgin Islands	See <sup>3</sup>		1	200	X
Virginia	550	300	2	125	
Washington	See <sup>3</sup>	300 <sup>12</sup>	1	225	X
West Virginia	600	200	2	200 <sup>9</sup>	X
Wisconsin	439	68	2	111	X
Wyoming	360 <sup>7</sup>	250	1	100	

X indicates yes.

<sup>1</sup> Step 3 fees include exam costs and exam processing fees.

<sup>2</sup> Plus \$175 application fee. Oral exam is \$400 (AL); plus \$50 application fee (AK); plus \$50 fee to fund Physician Rehabilitation Program (MO); plus \$325 nonrefundable application fee (NJ).

<sup>3</sup> No information provided.

<sup>4</sup> If less than 10 years since passing a written examination for licensure in another state, \$550 for endorsement requiring SPEX exam.

<sup>5</sup> A late penalty fee of \$350 is charged if renewal is not submitted by February 1 of each year. License automatically expires May 1, if renewal and late penalty fee are not submitted.

<sup>6</sup> Nonresidents \$600. Penalty fee of \$100 is charged if renewal is not submitted by July 31 in the year of renewal.

<sup>7</sup> Federation of State Medical Boards administers examination.

<sup>8</sup> Undetermined at this time.

<sup>9</sup> \$140 active; \$55 inactive (MT); \$150 inactive (NV); \$270 biennial inactive or out-of-state (OR); \$50 inactive (WV).

<sup>10</sup> Biennial.

<sup>11</sup> U.S./Canadian is \$20; IMG is \$80.

<sup>12</sup> Plus \$25 if initial applicant.

**Table 5. Current Board Standards for Administration of the USMLE Examination**

	Number of Years of Accredited US or Canadian Medical Education Required To Take USMLE Step 3		Number of Times Candidates for Licensure May Take USMLE	Number of Years in Which All Steps of USMLE Must Be Passed
	Graduates of US/Canadian Medical Schools	Graduates of International Medical Schools		
Alabama	1	1	4	7
Alaska	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>
Arizona	1	1	NL*	7
Arkansas	1	1	3	7
California	0	0	NL <sup>2</sup>	10
Colorado	1	1	NL	7
Connecticut	0	0	NL	7
Delaware	1	1	6	7
District of Columbia	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>
Florida	1	3	5	7
Georgia	1-3	1-3	NL	7
Guam	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>
Hawaii	1	2	NL	7
Idaho	1	3	2	7
Illinois	1	1	5	7
Indiana	6 mos.	See <sup>3</sup>	3	7
Iowa	7 mos.	7 mos.	2	7
Kansas	1	1	NL	7
Kentucky	1	1	NL	7
Louisiana	0	3	4	7
Maine	1	2 <sup>4</sup>	6	7
Maryland	0	0	NL	7
Massachusetts	1	1	NL	7
Michigan	6 mos.	2 <sup>5</sup>	NL	See <sup>6</sup>
Minnesota	1	1	3	7
Mississippi	0	3	3	7
Missouri	1	3	3	7
Montana	1	1	3	7
Nebraska	0	0	4	NL
Nevada	0	0	NL	NL
New Hampshire	2	2	2	7
New Jersey	1	1	5 <sup>7</sup>	7 <sup>8</sup>
New Mexico	2	2	6	7
New York	0	0	NL	NL
North Carolina	1	3	See <sup>1</sup>	See <sup>1</sup>
North Dakota	1	1	4	7
Ohio	1	1	NL	7
Oklahoma	11 mos.	2	3 <sup>7</sup>	7
Oregon	1	1	NL	7
Pennsylvania	See <sup>9</sup>	See <sup>9</sup>	NL	7
Puerto Rico	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>
Rhode Island	1	3	4	12

**Table 5. Current Board Standards for Administration of the USMLE Examination (continued)**

	Number of Years of Accredited US or Canadian Medical Education Required To Take USMLE Step 3		Number of Times Candidates for Licensure May Take USMLE	Number of Years in Which All Steps of USMLE Must Be Passed
	Graduates of US/Canadian Medical Schools	Graduates of International Medical Schools		
South Carolina	1	3	3	7
South Dakota	1	1	1	7
Tennessee	1	3	NL	7
Texas	0	3	3	7
Utah	1	1	3	7
Vermont	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>
Virgin Islands	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>	See <sup>1</sup>
Virginia	1	3	3	7
Washington	9 mos.	2	3	7
West Virginia	0	0	See <sup>1</sup>	7
Wisconsin	1	1	3	7
Wyoming	1	1	2	7

\* NL indicates no limit.

<sup>1</sup> No information provided.

<sup>2</sup> There are, however, requirements for remedial training after 2 failed attempts.

<sup>3</sup> Near completion of 2 years.

<sup>4</sup> Varies by specialty. Canadian training not accepted.

<sup>5</sup> An applicant who has passed the ECFMG exam before 7/1/84 shall have satisfactorily completed 3 years of GME in a program approved by the Board in a board-approved hospital or institution.

<sup>6</sup> An applicant who fails to achieve a passing score on USMLE Step 3 within 5 years from the first time he or she sat for USMLE Step 3 shall not be eligible to again sit for USMLE Step 3 until the applicant has completed 1 year of postgraduate clinical training in a program approved by the Board in a board-approved hospital or institution.

<sup>7</sup> After 5 attempts, candidate must demonstrate additional education, training or experience acceptable to the Board, before being permitted to repeat the examination (NJ); after 3 attempts, further training is required (OK).

<sup>8</sup> Must repeat the entire sequence if not passed within 7 years.

<sup>9</sup> Must be enrolled in a GME program.

**Table 6. Clerkship Regulations**

State	Evaluate the Quality of Clinical Clerkships in Connection with an Application for Licensure <sup>1</sup>	Regulations of Clerkships Provided to Students of Foreign Medical Schools			
		Adopted Regulations Governing Clerkships Provided by Hospitals <sup>2</sup>	Forbid the Offering of Such Clerkships	Permit Training Only in Hospitals with Accredited GME Programs	Other Unspecified Regulations
Total	24	16	3	11	6
Alabama	Yes	Yes		Yes	
Alaska					
Arizona	Yes*			Yes	
Arkansas	Yes*				
California	Yes*	Yes			Yes
Colorado	Yes*				
Connecticut	Yes*	Yes		Yes	
Delaware	Yes	Yes		Yes	
DC					
Florida	Yes	Yes			Yes
Georgia	Yes*	Yes		Yes	
Guam					
Hawaii					
Idaho					
Illinois					
Indiana					
Iowa					
Kansas					
Kentucky	Yes	Yes			
Louisiana					
Maine					
Maryland					
Massachusetts	Yes*	Yes		Yes	Yes
Michigan					
Minnesota					
Mississippi					
Missouri					
Montana	Yes	Yes	Yes		
Nebraska					
Nevada					
New Hampshire					
New Jersey	Yes*	Yes		Yes	Yes
New Mexico	Yes*				
New York	Yes <sup>3</sup>	Yes		Yes	Yes
North Carolina	Yes*	Yes		Yes	
North Dakota					
Ohio					
Oklahoma	Yes*				
Oregon		Yes		Yes	
Pennsylvania	Yes*	Yes	Yes		
Puerto Rico		Yes	Yes		
Rhode Island	Yes				
South Carolina					
South Dakota					
Tennessee					
Texas	Yes*	Yes			Yes
Utah	Yes				
Vermont					
Virgin Islands					
Virginia	Yes*			Yes	
Washington	Yes				
West Virginia					
Wisconsin					
Wyoming	Yes				

<sup>1</sup> In most cases, boards reported that clerkships must be in hospitals affiliated with LCME-accredited medical schools or ACGME-accredited residency training programs. States requiring additional and/or more specific bases for evaluation are noted with an asterisk (\*).

<sup>2</sup> Includes US citizens who are studying medicine in foreign medical schools.

<sup>3</sup> Under certain circumstances.



**Table 7. Whom to Write — Officers of Boards of Medical Examiners in the United States and Possessions**

<p><b>Alabama</b> Larry D. Dixon, Executive Director, Alabama State Board of Medical Examiners, PO Box 946, Montgomery 36101</p>	<p><b>Guam</b> Teofila P. Cruz, Administrator, Board of Medical Examiners, PO Box 2816, Agana 96910</p>	<p><b>Massachusetts</b> Alexander Fleming, Executive Director, Massachusetts Board of Registration in Medicine, 10 West St, 3rd Fl, Boston 02111</p>
<p><b>Alaska</b> Leslie G. Haywood, Executive Secretary, Licensing Division of Occupational Licensing, Alaska Board of Medical Examiners, 3601 C St, #722, Anchorage 99503</p>	<p><b>Hawaii</b> Constance Cabral, Executive Secretary, Board of Medical Examiners, PO Box 3469, Honolulu 96801</p>	<p><b>Michigan</b> Robert D. Ulieru, Licensing Executive, Office of Health Services, Department of Commerce, 611 W Ottawa St, PO Box 30018, Lansing 48909</p>
<p><b>Arizona</b> Mark R. Speicher, Executive Director, Arizona Board of Medical Examiners, 1651 E Morton, Ste 210, Phoenix 85020</p>	<p><b>Idaho</b> Darleene Thorsted, Executive Director, State Board of Medicine, PO Box 83720-0058, Boise 83720</p>	<p><b>Minnesota</b> Leonard Boche, Executive Director, Board of Medical Practice, 2700 University Ave, W, #106, St Paul 55114</p>
<p><b>Arkansas</b> Peggy P. Cryer, Executive Secretary, Arkansas State Medical Board, 2100 River Front Dr, Suite 200, Little Rock 72202</p>	<p><b>Illinois</b> Pat Eubanks, Manager, Medical Unit, Department of Professional Regulations, Illinois Board of Medical Examiners, 320 W Washington, 3rd Fl, Springfield 62786</p>	<p><b>Mississippi</b> P. Doyle Bradshaw, Executive Officer, Mississippi State Board of Medical Licensure, 2688-D Insurance Center Dr, Jackson 39216</p>
<p><b>California</b> Dixon Arnett, Executive Director, Medical Board of California, 1426 Howe Ave, Ste 54, Sacramento 95825</p>	<p><b>Indiana</b> Laura Langford, Executive Director, Indiana Health Professions Bureau, 402 W Washington St, Rm 041, Indianapolis 46204</p>	<p><b>Missouri</b> Alden Henrickson, Acting Executive Director, Missouri State Board of Healing Arts, PO Box 4, Jefferson City 65102</p>
<p><b>Colorado</b> Susan Miller, Program Administrator, Board of Medical Examiners, 1560 Broadway, Ste 1300, Denver 80202</p>	<p><b>Iowa</b> Ann Martino, PhD, Executive Director, Board of Medical Examiners, Capitol Complex, Executive Hills West, 1209 E Court Ave, Des Moines 50319</p>	<p><b>Montana</b> Patricia England, Executive Secretary/Legal Counsel, Board of Medical Examiners, 111 N Jackson, PO Box 200513, Helena 59620</p>
<p><b>Connecticut</b> Joseph Gillen, PhD, Section Chief, Connecticut Department of Health and Addiction Services, Medical Quality Assurance, 150 Washington St, Hartford 06106</p>	<p><b>Kansas</b> Charlene K. Abbott, Licensing Administrator, State Board of Healing Arts, 235 S Topeka Blvd, Topeka 66603</p>	<p><b>Nebraska</b> Katherine A. Brown, Associate Director, Nebraska State Board of Examiners in Medicine and Surgery, PO Box 95007, Lincoln 68509</p>
<p><b>Delaware</b> Rosemarie S. Vanderhoogt, Administrative Officer, Board of Medical Practice, O'Neill Bldg, 3rd Fl, Box 1401, Dover 19903</p>	<p><b>Kentucky</b> C. Wm. Schmidt, Executive Director, Board of Medical Licensure, 310 Whittington Pkwy, Louisville 40222</p>	<p><b>Nevada</b> Patricia R. Perry, Executive Director, Nevada State Board of Medical Examiners, PO Box 7238, 1105 Terminal Way, Ste 301, Reno 89510</p>
<p><b>District of Columbia</b> James Granger, Acting Executive Director, Board of Medicine, 605 G Street NW, Rm LL202, Washington, DC 20001</p>	<p><b>Louisiana</b> Paula M. Mensen, Administrative Manager, Louisiana State Board of Medical Examiners, 630 Camp St, PO Box 30250, New Orleans 70190-0250</p>	<p><b>New Hampshire</b> Karen LaCroix, Administrator, Board of Registration in Medicine, 2 Industrial Park Drive, Concord 03301</p>
<p><b>Florida</b> Marm M. Harris, EDD, Executive Director, Board of Medical Examiners, 1940 N Monroe St, Tallahassee 32399</p>	<p><b>Maine</b> Randal C. Manning, Executive Director, Maine Board of Registration in Medicine, 2 Bangor St, State House Station, 137, Augusta 04333</p>	<p><b>New Jersey</b> Kevin B. Earle, Executive Director, State Board of Medical Examiners, 140 E Front St, 2nd Fl, Trenton 08608</p>
<p><b>Georgia</b> Andrew Watry, Executive Director, Composite State Board of Medical Examiners, 166 Pryor St SW, Rm 424, Atlanta 30303</p>	<p><b>Maryland</b> Michael Compton, Acting Executive Director, Board of Physician Quality Assurance, 4201 Patterson Ave, Baltimore 21215</p>	<p><b>New Mexico</b> Dorothy L. Welby, Executive Secretary, New Mexico State Board of Medical Examiners, Lamy Bldg, 2nd Fl, 491 Old Santa Fe Trail, PO Box 20001, Santa Fe 87504</p>

**New York**

Thomas J. Monahan, Associate Executive Secretary, State Board for Medicine, Cultural Education Center, Empire State Plaza, Albany, 12230

**North Carolina**

Bryant D. Paris, Jr, Executive Secretary, North Carolina Board of Medical Examiners, PO Box 26808, Raleigh 27611

**North Dakota**

Rolf P. Sletten, Executive Secretary and Treasurer, Board of Medical Examiners, 418 E Broadway Ave, Ste 12, Bismarck 58501

**Ohio**

Ray Q. Bumgarner, Executive Director, Ohio State Medical Board, 77 S High St, 17th Fl, Columbus 43266

**Oklahoma**

Carole A. Smith, Executive Director, Oklahoma State Board of Licensure and Sup, PO Box 18256, Oklahoma City 73154

**Oregon**

Kathleen Haley, Executive Director, Board of Medical Examiners, Crown Plaza, 1500 SW 1st Ave, Ste 620, Portland 97201

**Pennsylvania**

Cindy L. Warner, Administrative Assistant, Pennsylvania State Board of Medicine, PO 2649, Harrisburg 17105

**Puerto Rico**

Pablo Valentin Torres, JD, Executive Director, Division of Medical Examiners, Call Box 13969, Santurce 00908

**Rhode Island**

Milton Hamolsky, MD, Chief Administrative Officer, Rhode Island Board of Medicine and Discipline, Joseph E Cannon Bldg, Rm 205, 3 Capital Hill, Providence 02908

**South Carolina**

Henry D. Foster, Jr, JD, Executive Director, South Carolina Board of Medical Examiners, Department of Labor, Licensing, and Regulation, PO Box 212269, Columbia 29221-2269

**South Dakota**

Robert D. Johnson, Executive Secretary, South Dakota Department of Medical Examiners, 1323 S Minnesota Ave, Sioux Falls 57105

**Tennessee**

Jerry Kosten, Administrator, Tennessee State Board of Medical Examiners, 283 Plus Park Blvd, Nashville 37247-1010

**Texas**

Bruce A. Levy, MD, JD, Executive Director, Texas State Board of Medical Examiners, PO Box 149134, Austin 78714-9134

**Utah**

David E. Robinson, Director, Utah Division of Occupational and Professional Licensing, 160 E 300 St, PO Box 45805, Salt Lake City 48145-0805

**Vermont**

Barbara Newman, Executive Director, Vermont Board of Medical Practice, Redstone Bldg, 109 State St, Montpelier 05609-1106

**Virginia**

Eugenia Dorson, Deputy Executive Secretary, Virginia State Board of Medicine, 6606 W Broad St, 4th Fl, Richmond 23230-1717

**Virgin Islands**

Jane Aubain, MD, Office Manager, Virgin Islands Board of Medical Examiners, Dept of Health, 48 Sugar Estate, St Thomas 00802

**Washington**

Keith O. Shafer, Executive Director, Washington Department of Health, Medical Quality Assurance Division, 1300 Quince St SE, PO Box 47866, Olympia 98504

**West Virginia**

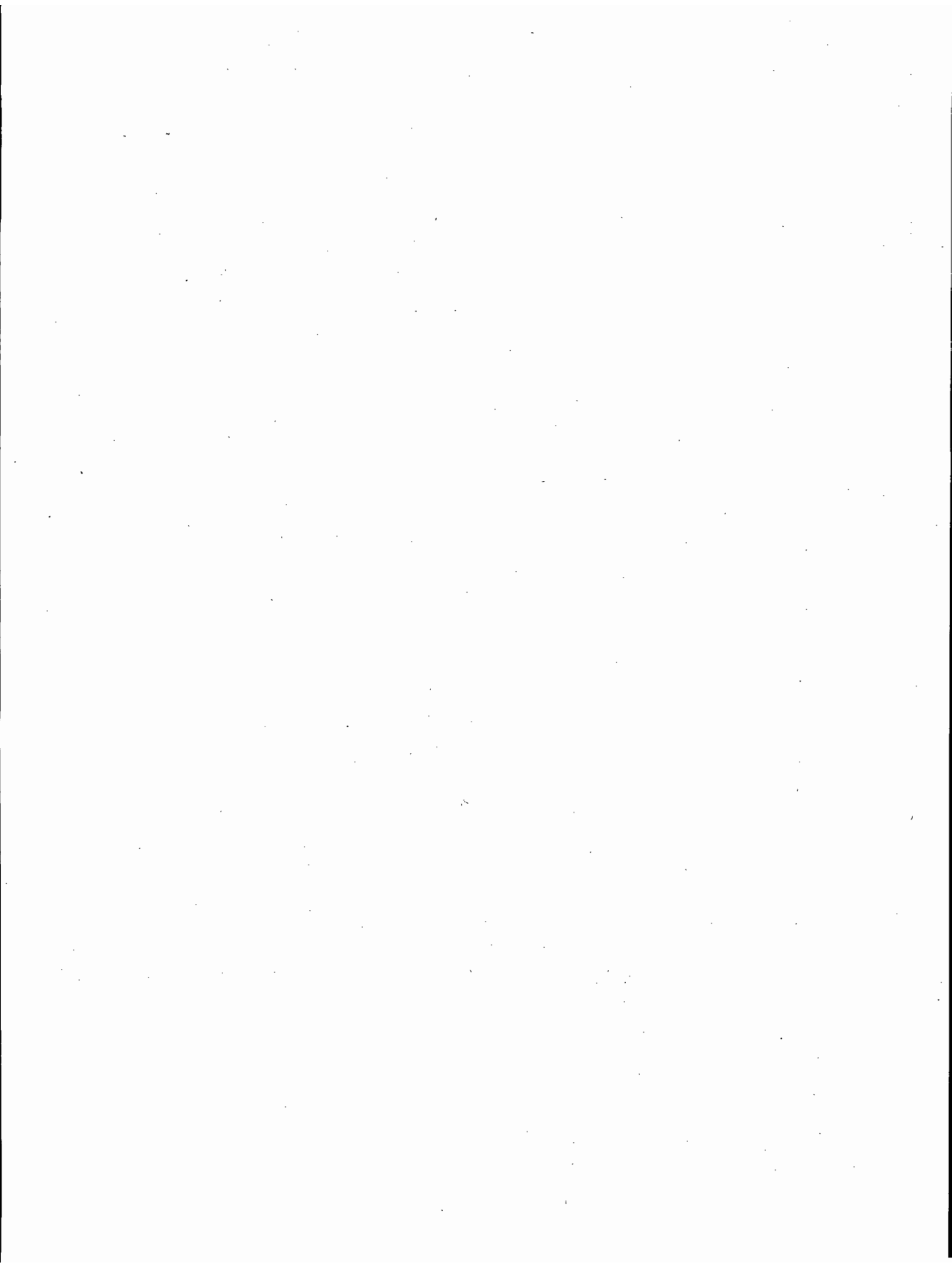
Ronald D. Walton, Executive Director, West Virginia Board of Medicine, 100 Dee Dr, Ste 104, Charleston 25311

**Wisconsin**

Patrick D. Braatz, Director, Bureau of Health Professions, Department of Reg and Licensing, Wisconsin Board of Medical Examiners, 1400 E Washington Ave, PO Box 8935, Madison 53708

**Wyoming**

Carole Shotwell, Executive Secretary, Wyoming Board of Medical Examiners, Barrett Bldg, 2nd Fl, Cheyenne 82002



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# Appendix D

## Graduate Medical Education Programs Offering Shared Residency Positions

In a shared residency, two resident physicians share one position, usually alternating months on clinical rotations with time off to devote to family, research, or other interests. To obtain a shared residency position through the National Residency Matching Program (NRMP), two applicants who have enrolled separately in the NRMP must indicate their interest in sharing a single position. Further information on shared residency positions can be obtained from individual program directors or from the NRMP, 2450 N St NW/Ste 201, Washington, DC 20037-1141, 202 828-0566.

Additional information on programs included in this list can be found in Section III, Appendix A, and in the AMA-FREIDA (Fellowship and Residency Electronic Database Access system), available from the American Medical Association at the following address: AMA Order Department, PO Box 109050, Chicago, IL 60610 (800 621-8335).

## Allergy and Immunology

### Alabama

#### Birmingham

University of Alabama Medical Center Program  
Program ID: 020-01-21-109

### California

#### Sacramento

University of California (Davis) Program  
Program ID: 020-05-21-048

#### San Diego

University of California (San Diego) Program  
Program ID: 020-05-21-066

#### Stanford

Stanford University Program  
Program ID: 020-05-21-006

### Florida

#### Tampa

University of South Florida Program  
Program ID: 020-11-21-093

### Georgia

#### Atlanta

Emory University Program  
Program ID: 020-12-21-101

### New York

#### Brooklyn

SUNY Health Science Center at Brooklyn Program  
Program ID: 020-35-21-092

### Ohio

#### Cleveland

Cleveland Clinic Foundation Program  
Program ID: 020-38-21-104

### Texas

#### Galveston

University of Texas Medical Branch Hospitals Program B  
Program ID: 020-48-11-027

### Washington

#### Seattle

University of Washington Program  
Program ID: 020-54-21-078

## Anesthesiology

### Arizona

#### Tucson

University of Arizona Program  
Program ID: 040-03-21-012

### Illinois

#### Chicago

McGaw Medical Center of Northwestern University Program  
Program ID: 040-16-21-042

University of Chicago Program  
Program ID: 040-16-11-044

#### Maywood

Loyola University Program  
Program ID: 040-16-11-046

### Iowa

#### Iowa City

University of Iowa Hospitals and Clinics Program  
Program ID: 040-18-21-049

### Massachusetts

#### Boston

Brigham and Women's Hospital Program  
Program ID: 040-24-21-066  
Massachusetts General Hospital Program  
Program ID: 040-24-31-064

### Michigan

#### Detroit

Henry Ford Hospital Program  
Program ID: 040-25-21-185

### Missouri

#### St Louis

Washington University Program  
Program ID: 040-28-11-081

### New York

#### Brooklyn

SUNY Health Science Center at Brooklyn Program  
Program ID: 040-35-21-110

### Ohio

#### Cleveland

Cleveland Clinic Foundation Program  
Program ID: 040-38-22-120

#### Youngstown

Western Reserve Care System/NEOUCOM Program  
Program ID: 040-38-11-127

### Pennsylvania

#### Hershey

Milton S Hershey Medical Center of Pennsylvania State University Program  
Program ID: 040-41-11-130

### Tennessee

#### Nashville

Vanderbilt University Program  
Program ID: 040-47-11-146

### Texas

#### El Paso

Texas Tech University (El Paso) Program  
Program ID: 040-48-21-187

### Washington

#### Tacoma

Madigan Army Medical Center Program  
Program ID: 040-54-21-186

### West Virginia

#### Morgantown

West Virginia University Program  
Program ID: 040-55-11-163

## Wisconsin

### Madison

University of Wisconsin Program  
Program ID: 040-56-21-164

## Blood Banking/Transfusion Medicine (Pathology-Anatomic and Clinical)

## California

### Long Beach

Long Beach Memorial Medical  
Center/American Red Cross Blood and  
Tissue Services Program  
Program ID: 305-05-21-014

## Connecticut

### Farmington

University of Connecticut Program  
Program ID: 305-08-21-025

## Maryland

### Baltimore

Johns Hopkins University Program  
Program ID: 305-23-21-026

## Missouri

### St Louis

Barnes Hospital Group Program  
Program ID: 305-28-22-006

## Cardiovascular Disease (Internal Medicine)

## Arizona

### Tucson

University of Arizona Program  
Program ID: 141-03-21-131

## California

### Pasadena

Southern California Kaiser Permanente  
Medical Care (Los Angeles) Program  
Program ID: 141-05-12-041

## Florida

### Jacksonville

University of Florida Health Science  
Center/ Jacksonville Program  
Program ID: 141-11-21-027

## Georgia

### Atlanta

Emory University Program  
Program ID: 141-12-21-161

## Illinois

### Chicago

Illinois Masonic Medical Center Program  
Program ID: 141-16-11-220

## Michigan

### Detroit

Henry Ford Hospital Program  
Program ID: 141-25-11-164

## Missouri

### Columbia

University of Missouri-Columbia Program  
Program ID: 141-28-21-098

## New Jersey

### South Orange

Seton Hall University School of Graduate  
Medical Education (Jersey City) Program  
Program ID: 141-33-21-203

## New York

### Buffalo

SUNY at Buffalo Graduate  
Medical-Dental Education Consortium  
Program  
Program ID: 141-35-31-051

## New York

Harlem Hospital Center Program  
Program ID: 141-35-11-206

### Stony Brook

SUNY at Stony Brook Program  
Program ID: 141-35-21-014

## Valhalla

New York Medical College at St  
Vincent's Hospital and Medical Center of  
New York Program  
Program ID: 141-35-11-033

## Ohio

### Cleveland

Case Western Reserve University  
(MetroHealth) Program  
Program ID: 141-38-11-196  
Case Western Reserve University  
Program  
Program ID: 141-38-21-194

## Tennessee

### Memphis

University of Tennessee Program  
Program ID: 141-47-21-175

### Nashville

Vanderbilt University Program  
Program ID: 141-47-31-018

## Virginia

### Richmond

Medical College of Virginia/Virginia  
Commonwealth University Program  
Program ID: 141-51-21-022

## West Virginia

### Huntington

Marshall University School of Medicine  
Program  
Program ID: 141-55-21-038

## Wisconsin

### Milwaukee

University of Wisconsin (Milwaukee)  
Program  
Program ID: 141-56-21-072

## Child and Adolescent Psychiatry (Psychiatry)

### Alabama

#### Mobile

University of South Alabama Program  
Program ID: 405-01-21-155

### Arkansas

#### Little Rock

University of Arkansas for Medical Sciences Program  
Program ID: 405-04-21-146

### California

#### Los Angeles

UCLA Medical Center Program  
Program ID: 405-05-12-012

#### Orange

University of California (Irvine) Program  
Program ID: 405-05-11-007

#### Sacramento

University of California (Davis) Program  
Program ID: 405-05-11-005

#### Stanford

Stanford University Program  
Program ID: 405-05-21-019

#### Torrance

Los Angeles County-Harbor-UCLA Medical Center Program  
Program ID: 405-05-21-020

### Connecticut

#### Farmington

Institute of Living/University of Connecticut Program  
Program ID: 405-08-21-022

### District of Columbia

#### Washington

Children's National Medical Center Program  
Program ID: 405-10-21-024  
Georgetown University Program  
Program ID: 405-10-21-025

### Florida

#### Gainesville

University of Florida Program  
Program ID: 405-11-11-026

### Georgia

#### Atlanta

Emory University Program  
Program ID: 405-12-21-028

### Indiana

#### Indianapolis

Indiana University Medical Center Program  
Program ID: 405-17-21-038

### Iowa

#### Iowa City

University of Iowa Hospitals and Clinics Program  
Program ID: 405-18-11-039

### Kansas

#### Topeka

Menninger School of Psychiatry Program  
Program ID: 405-19-22-041

### Kentucky

#### Lexington

University of Kentucky Medical Center Program  
Program ID: 405-20-21-042

#### Louisville

University of Louisville Program  
Program ID: 405-20-21-043

### Louisiana

#### New Orleans

Louisiana State University Program  
Program ID: 405-21-21-159  
Tulane University Program  
Program ID: 405-21-21-045

### Maine

#### Portland

Maine Medical Center Program  
Program ID: 405-22-11-046

### Maryland

#### Baltimore

Johns Hopkins University Program  
Program ID: 405-23-11-047  
University of Maryland Program  
Program ID: 405-23-21-048

### Massachusetts

#### Boston

Boston University Program  
Program ID: 405-24-21-052  
Children's Hospital/Judge Baker Guidance Center Program  
Program ID: 405-24-21-053  
Harvard Medical School Program  
Program ID: 405-24-21-167  
New England Medical Center Hospitals Program  
Program ID: 405-24-21-056

#### Cambridge

Cambridge Hospital Program  
Program ID: 405-24-21-057

#### Worcester

University of Massachusetts Medical Center Program  
Program ID: 405-24-21-156

### Michigan

#### Ann Arbor

University of Michigan Program  
Program ID: 405-25-11-060

#### Detroit

Wayne State University/Fairlawn Center Program  
Program ID: 405-25-11-064  
Wayne State University/Hawthorn Center Hospital Program  
Program ID: 405-25-11-063

### Minnesota

#### Minneapolis

University of Minnesota Program  
Program ID: 405-26-11-066

**Nebraska****Omaha****Creighton University/University of Nebraska Program**

Program ID: 405-30-31-071

**New Hampshire****Lebanon****Dartmouth-Hitchcock Medical Center Program**

Program ID: 405-32-21-073

**New Jersey****Newark****UMDNJ-New Jersey Medical School Program**

Program ID: 405-33-21-150

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

Program ID: 405-33-21-074

**New Mexico****Albuquerque****University of New Mexico Program**

Program ID: 405-34-21-144

**New York****Bronx****Albert Einstein College of Medicine Program**

Program ID: 405-35-21-077

**Brooklyn****Brookdale Hospital Medical Center Program**

Program ID: 405-35-31-078

**SUNY Health Science Center at Brooklyn Program**

Program ID: 405-35-21-094

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

Program ID: 405-35-21-161

**Manhasset****North Shore University Hospital Program**

Program ID: 405-35-11-076

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Program ID: 405-35-11-082

**New York****Columbia University Program**

Program ID: 405-35-11-080

**Mount Sinai School of Medicine Program**

Program ID: 405-35-11-085

**New York Hospital-Westchester Division/Cornell Medical Center Program**

Program ID: 405-35-21-098

**St Luke's-Roosevelt Hospital Center Program**

Program ID: 405-35-31-166

**Rochester****University of Rochester Program**

Program ID: 405-35-11-095

**North Carolina****Greenville****East Carolina University Program**

Program ID: 405-36-21-162

**Ohio****Cleveland****Case Western Reserve University Program**

Program ID: 405-38-11-103

**Columbus****Ohio State University Program**

Program ID: 405-38-21-104

**Dayton****Wright State University Program**

Program ID: 405-38-21-169

**Oregon****Portland****Oregon Health Sciences University Program**

Program ID: 405-40-21-107

**Pennsylvania****Philadelphia****Albert Einstein Medical Center Program**

Program ID: 405-41-21-168

**MCPHU/Medical College of Pennsylvania Hospital Program**

Program ID: 405-41-21-110

**Thomas Jefferson University Program**

Program ID: 405-41-11-113

**Rhode Island****Providence****Brown University Program**

Program ID: 405-43-21-117

**South Carolina****Columbia****William S Hall Psychiatric Institute-University of South Carolina School of Medicine Program**

Program ID: 405-45-21-119

**South Dakota****Sioux Falls****University of South Dakota Program**

Program ID: 405-46-21-164

**Tennessee****Memphis****University of Tennessee Program**

Program ID: 405-47-21-120

**Texas****Austin****Austin State Hospital Program**

Program ID: 405-48-12-122

**Dallas****Timberlawn Psychiatric Hospital Program**

Program ID: 405-48-21-151

**University of Texas Southwestern Medical School Program**

Program ID: 405-48-21-123

**Galveston****University of Texas Medical Branch Hospitals Program**

Program ID: 405-48-11-124

**Houston****Baylor College of Medicine Program**

Program ID: 405-48-21-125

**San Antonio****University of Texas Health Science Center at San Antonio Program**

Program ID: 405-48-21-126



## West Virginia

### Charleston

West Virginia University (Charleston Division) Program

Program ID: 405-56-21-170

## Wisconsin

### Madison

University of Wisconsin Program

Program ID: 405-56-21-134

### Milwaukee

Medical College of Wisconsin Program

Program ID: 405-56-21-135

## Child Neurology (Neurology)

## California

### San Diego

University of California (San Diego) Program

Program ID: 185-05-21-020

### San Francisco

University of California (San Francisco) Program

Program ID: 185-05-21-069

## Georgia

### Augusta

Medical College of Georgia Program

Program ID: 185-12-21-019

## Louisiana

### New Orleans

Tulane University Program

Program ID: 185-21-21-064

## New York

### New York

Mount Sinai School of Medicine Program

Program ID: 185-35-21-046

## Pennsylvania

### Pittsburgh

University Health Center of Pittsburgh Program

Program ID: 185-41-21-012

## Tennessee

### Nashville

Vanderbilt University Program

Program ID: 185-47-21-042

## Texas

### Dallas

University of Texas Southwestern Medical School Program

Program ID: 185-48-21-043

## West Virginia

### Morgantown

West Virginia University Program

Program ID: 185-55-11-068

## Wisconsin

### Madison

University of Wisconsin Program

Program ID: 185-56-21-007

## Clinical and Laboratory Immunology (Allergy and Immunology)

## Florida

### Tampa

University of South Florida Program

Program ID: 025-11-21-001

## Washington

### Seattle

University of Washington Program

Program ID: 025-54-21-011

## Colon and Rectal Surgery

## Missouri

### St Louis

Washington University Program

Program ID: 060-28-21-025

## Critical Care (Surgery-General)

## Pennsylvania

### Pittsburgh

University Health Center of Pittsburgh Program

Program ID: 442-41-21-005

## Critical Care Medicine (Anesthesiology)

## Minnesota

### Rochester

Mayo Graduate School of Medicine Program

Program ID: 045-26-21-024

## New Jersey

### Camden

UMDNJ-Robert Wood Johnson Medical School (Camden) Program

Program ID: 045-33-21-041

## Ohio

### Cleveland

Cleveland Clinic Foundation Program

Program ID: 045-38-21-031

**Pennsylvania**

**Hershey**

Milton S Hershey Medical Center of Pennsylvania State University Program  
Program ID: 045-41-21-038

**Texas**

**Houston**

University of Texas at Houston Program  
Program ID: 045-48-21-032

**Wisconsin**

**Madison**

University of Wisconsin Program  
Program ID: 045-56-21-008

**Critical Care  
Medicine (Internal  
Medicine)**

**New Jersey**

**Camden**

UMDNJ-Robert Wood Johnson Medical School (Camden) Program  
Program ID: 142-33-21-051

**New York**

**Valhalla**

New York Medical College at St Vincent's Hospital and Medical Center of New York Program  
Program ID: 142-35-11-058

**Cytopathology  
(Pathology-Anatomic  
and Clinical)**

**Alabama**

**Birmingham**

University of Alabama Medical Center Program  
Program ID: 307-01-21-041

**Illinois**

**Chicago**

McGaw Medical Center of Northwestern University Program  
Program ID: 307-16-21-037

**New York**

**Rochester**

University of Rochester Program  
Program ID: 307-35-21-031

**Valhalla**

New York Medical College at Westchester County Medical Center Program  
Program ID: 307-35-31-007

**Dermatology**

**Arkansas**

**Little Rock**

University of Arkansas for Medical Sciences Program  
Program ID: 080-04-21-013

**California**

**Stanford**

Stanford University Program  
Program ID: 080-05-21-020

**District of Columbia**

**Washington**

Walter Reed Army Medical Center Program  
Program ID: 080-10-12-004

**Louisiana**

**New Orleans**

Tulane University Program  
Program ID: 080-21-11-089

**Virginia**

**Charlottesville**

University of Virginia Program  
Program ID: 080-51-11-089

**Dermatopathology  
(Dermatology and  
Pathology)**

**Colorado**

**Denver**

University of Colorado Program  
Program ID: 100-07-21-022

**Massachusetts**

**Boston**

Harvard Medical School Program  
Program ID: 100-24-31-002

**West Virginia**

**Morgantown**

West Virginia University Program  
Program ID: 100-55-21-049

**Emergency Medicine**

**California**

**San Diego**

Naval Medical Center (San Diego) Program  
Program ID: 110-05-12-067

**Florida**

**Jacksonville**

University of Florida Health Science Center/ Jacksonville Program  
Program ID: 110-11-12-058

**Georgia**

**Atlanta**

Emory University Program  
Program ID: 110-12-12-012

**Illinois**

**Chicago**

Cook County Hospital Program  
Program ID: 110-16-21-083

## Louisiana

### Baton Rouge

Louisiana State University (Baton Rouge) Program

Program ID: 110-21-21-117

## Michigan

### Kalamazoo

Kalamazoo Center for Medical Studies/Michigan State University Program

Program ID: 110-25-21-124

## New York

### New Hyde Park

Albert Einstein College of Medicine at Long Island Jewish Medical Center Program

Program ID: 110-35-12-062

### New York

New York University Medical Center Program

Program ID: 110-35-21-092

## Ohio

### Akron

Akron General Medical Center/NEOUCOM Program

Program ID: 110-38-12-035

### Dayton

Wright State University Program

Program ID: 110-38-12-039

## Oregon

### Portland

Oregon Health Sciences University Program

Program ID: 110-40-12-042

## South Carolina

### Columbia

Richland Memorial Hospital-University of South Carolina School of Medicine Program

Program ID: 110-45-12-047

## Texas

### El Paso

Texas Tech University (El Paso) Program

Program ID: 110-48-12-070

### Houston

University of Texas at Houston Program

Program ID: 110-48-21-096

## Endocrinology, Diabetes, and Metabolism (Internal Medicine)

## California

### Los Angeles (Sepulveda)

UCLA San Fernando Valley Program

Program ID: 143-05-21-106

### Torrance

Los Angeles County-Harbor-UCLA Medical Center Program

Program ID: 143-05-11-140

## Colorado

### Denver

University of Colorado Program

Program ID: 143-07-21-050

## Connecticut

### Farmington

University of Connecticut Program

Program ID: 143-08-31-001

## Iowa

### Iowa City

University of Iowa Hospitals and Clinics Program

Program ID: 143-18-21-079

## Missouri

### Columbia

University of Missouri-Columbia Program

Program ID: 143-28-21-064

## New Mexico

### Albuquerque

University of New Mexico Program

Program ID: 143-34-21-113

## New York

### Brooklyn

Brookdale Hospital Medical Center Program

Program ID: 143-35-11-144

Coney Island Hospital Program

Program ID: 143-35-11-138

### New York

Presbyterian Hospital in the City of New York Program

Program ID: 143-35-11-053

### Valhalla

New York Medical College at St Vincent's Hospital and Medical Center of New York Program

Program ID: 143-35-21-162

## North Carolina

### Durham

Duke University Program

Program ID: 143-36-21-116

## Ohio

### Cleveland

Cleveland Clinic Foundation/St Vincent Charity Hospital Program

Program ID: 143-38-12-132

## Oregon

### Portland

Oregon Health Sciences University Program

Program ID: 143-40-31-147

## Tennessee

### Memphis

University of Tennessee Program

Program ID: 143-47-21-117

**Texas****Galveston****University of Texas Medical Branch  
Hospitals Program**

Program ID: 143-48-21-163

**Houston****Baylor College of Medicine Program**

Program ID: 143-48-21-070

**Virginia****Richmond****Medical College of Virginia/Virginia  
Commonwealth University Program**

Program ID: 143-51-21-020

**West Virginia****Huntington****Marshall University School of Medicine  
Program**

Program ID: 143-55-21-031

**Family Practice****Alabama****Huntsville****University of Alabama Medical Center  
(Huntsville) Program**

Program ID: 120-01-11-023

**Arizona****Phoenix****Good Samaritan Regional Medical  
Center Program**

Program ID: 120-03-11-028

**Arkansas****Little Rock****University of Arkansas for Medical  
Sciences AHEC (Northwest) Program**

Program ID: 120-04-21-033

**University of Arkansas for Medical  
Sciences AHEC (Pine Bluff) Program**

Program ID: 120-04-11-037

**University of Arkansas for Medical  
Sciences Program**

Program ID: 120-04-21-035

**California****Glendale****Glendale Adventist Medical Center  
Program**

Program ID: 120-05-21-372

**Martinez****Contra Costa County Health Services  
Program**

Program ID: 120-05-31-050

**Sacramento****University of California (Davis) Program**

Program ID: 120-05-11-039

**Santa Rosa****University of California (San  
Francisco)/Santa Rosa Program**

Program ID: 120-05-11-065

**Colorado****Denver****University of Colorado Program**

Program ID: 120-07-21-071

**Pueblo****Southern Colorado Family Medicine  
Program**

Program ID: 120-07-21-075

**Connecticut****Farmington****University of Connecticut Program**

Program ID: 120-08-21-076

**Stamford****St Joseph Medical Center Program**

Program ID: 120-08-11-078

**District of Columbia****Washington****Georgetown University/Providence  
Hospital Program**

Program ID: 120-10-21-080

**Florida****Gainesville****University of Florida Program**

Program ID: 120-11-21-084

**Georgia****Albany****Phoebe Putney Memorial Hospital  
Program**

Program ID: 120-12-21-525

**Rome****Floyd Medical Center Program**

Program ID: 120-12-31-094

**Idaho****Pocatello****Idaho State University Program**

Program ID: 120-15-21-521

**Illinois****Berwyn****MacNeal Memorial Hospital Program**

Program ID: 120-16-11-098

**Chicago****St Elizabeth's Hospital Program**

Program ID: 120-16-21-428

**University of Illinois College of Medicine  
at Chicago/Ravenswood Hospital  
Program**

Program ID: 120-16-21-467

**Scott AFB****USAF Medical Center (Scott) Program**

Program ID: 120-16-21-004

**Springfield****Southern Illinois University (Belleville)  
Program**

Program ID: 120-16-21-427

**Southern Illinois University (Carbondale)  
Program**

Program ID: 120-16-11-099

**Urbana****Carle Foundation Hospital Program**

Program ID: 120-16-21-492

**Indiana****Fort Wayne****Fort Wayne Medical Education Program**

Program ID: 120-17-21-121

**Indianapolis****Methodist Hospital of Indiana Program**

Program ID: 120-17-11-126

## Iowa

### Davenport

**Genesis Medical Center Program**  
Program ID: 120-18-21-133

### Mason City

**North Iowa Mercy Health Center Program**  
Program ID: 120-18-21-373

### Waterloo

**Northeast Iowa Medical Education Foundation Program**  
Program ID: 120-18-21-138

## Kansas

### Kansas City

**University of Kansas Medical Center Program**  
Program ID: 120-19-11-139

### Wichita

**University of Kansas (Wichita)/Wesley Medical Center Program**  
Program ID: 120-19-11-142

## Kentucky

### Lexington

**University of Kentucky Medical Center Program**  
Program ID: 120-20-21-144

### Louisville

**University of Louisville Program**  
Program ID: 120-20-21-145

## Louisiana

### Baton Rouge

**Baton Rouge General Medical Center Program**  
Program ID: 120-21-21-560

**Louisiana State University (Baton Rouge) Program**  
Program ID: 120-21-21-400

## Maine

### Augusta

**Maine-Dartmouth Family Practice Program**  
Program ID: 120-22-22-151

### Bangor

**Eastern Maine Medical Center Program**  
Program ID: 120-22-12-152

## Massachusetts

### Fitchburg

**University of Massachusetts (Fitchburg) Program**  
Program ID: 120-24-31-159

### Lawrence

**Greater Lawrence Family Health Center Program**  
Program ID: 120-24-21-528

### Malden

**Malden Hospital Program**  
Program ID: 120-24-21-506

## Michigan

### Ann Arbor

**University of Michigan Program**  
Program ID: 120-25-21-425

### Detroit

**Henry Ford Hospital Program**  
Program ID: 120-25-21-484  
**Wayne State University/Detroit Medical Center Program**  
Program ID: 120-25-21-164

### Flint

**Genesys Regional Medical Center-St Joseph Campus Program**  
Program ID: 120-25-31-166

### Grand Rapids

**Grand Rapids Program**  
Program ID: 120-25-21-167

### Kalamazoo

**Kalamazoo Center for Medical Studies/Michigan State University Program**  
Program ID: 120-25-21-169

### Lansing

**Sparrow Hospital Program**  
Program ID: 120-25-21-170  
**St Lawrence Hospital and HealthCare Services/ Michigan State University Program**  
Program ID: 120-25-31-165

### Marquette

**Marquette General Hospital Program**  
Program ID: 120-25-21-370

### Royal Oak

**William Beaumont Hospital Program**  
Program ID: 120-25-21-374

## Minnesota

### Minneapolis

**Health One Corporation Program**  
Program ID: 120-26-21-526

**Hennepin County Medical Center Program**  
Program ID: 120-26-11-177

### St Paul

**St Paul-Ramsey Medical Center Program**  
Program ID: 120-26-11-180

## Missouri

### Columbia

**University of Missouri-Columbia Program**  
Program ID: 120-28-11-182

### Kansas City

**University of Missouri at Kansas City Program**  
Program ID: 120-28-21-422

## New Jersey

### Montclair

**Mountainside Hospital Program**  
Program ID: 120-33-11-193

### Mount Holly

**Memorial Hospital of Burlington County Program**  
Program ID: 120-33-21-444

### Phillipsburg

**Warren Hospital Program**  
Program ID: 120-33-21-436

### Piscataway

**UMDNJ-Robert Wood Johnson Medical School Program**  
Program ID: 120-33-21-419

### Woodbury

**Underwood-Memorial Hospital Program**  
Program ID: 120-33-21-445

## New Mexico

### Albuquerque

**University of New Mexico Program**  
Program ID: 120-34-21-197

**New York****Binghamton**

**Wilson Memorial Regional Medical Center (United Health Services) Program**  
Program ID: 120-35-11-203

**Bronx**

**Albert Einstein College of Medicine Program**  
Program ID: 120-35-21-209

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**  
Program ID: 120-35-21-489

**Jamaica**

**Catholic Medical Center of Brooklyn and Queens Program**  
Program ID: 120-35-21-420

**Jamaica Hospital Program**  
Program ID: 120-35-11-206

**Rochester**

**University of Rochester/Highland Hospital of Rochester (Finger Lakes) Program**  
Program ID: 120-35-31-535

**University of Rochester/Highland Hospital of Rochester Program**  
Program ID: 120-35-21-214

**Schenectady**

**St Clare's Hospital of Schenectady Program**  
Program ID: 120-35-12-215

**Syracuse**

**SUNY Health Science Center at Syracuse/St Joseph's Hospital Health Center Program**  
Program ID: 120-35-21-216

**Utica**

**St Elizabeth Hospital Program**  
Program ID: 120-35-11-217

**North Carolina****Chapel Hill**

**University of North Carolina Hospitals Program**  
Program ID: 120-36-31-220

**Durham**

**Duke University Program**  
Program ID: 120-36-21-222

**Winston-Salem**

**Bowman Gray School of Medicine Program**  
Program ID: 120-36-31-226

**North Dakota****Grand Forks**

**University of North Dakota (Bismarck) Program**  
Program ID: 120-37-21-227

**University of North Dakota (Fargo) Program**  
Program ID: 120-37-21-228

**University of North Dakota (Minot) Program**  
Program ID: 120-37-31-230

**Ohio****Canton**

**Aultman Hospital/NEOUCOM Program**  
Program ID: 120-38-11-234

**Cleveland**

**Case Western Reserve University (MetroHealth) Program**  
Program ID: 120-38-11-237

**Case Western Reserve University Program**  
Program ID: 120-38-11-236

**Columbus**

**Riverside Methodist Hospitals Program**  
Program ID: 120-38-21-242

**Sylvania**

**Flower Memorial Hospital Program**  
Program ID: 120-38-11-246

**Toledo**

**Medical College of Ohio at Toledo Program**  
Program ID: 120-38-31-247

**Oklahoma****Oklahoma City**

**University of Oklahoma Health Sciences Center Program**  
Program ID: 120-39-21-254

**Tulsa**

**In His Image at Hillcrest Medical Center Program**  
Program ID: 120-39-21-499

**University of Oklahoma College of Medicine-Tulsa Program**  
Program ID: 120-39-21-256

**Oregon****Portland**

**Oregon Health Sciences University (Cascades East) Program**  
Program ID: 120-40-21-540

**Pennsylvania****Altoona**

**Altoona Hospital Program**  
Program ID: 120-41-11-260

**Hershey**

**Pennsylvania State University/Good Samaritan Hospital Program**  
Program ID: 120-41-21-504

**Kingston**

**United Health and Hospital Services Program**  
Program ID: 120-41-21-284

**Lancaster**

**Lancaster General Hospital Program**  
Program ID: 120-41-12-270

**Pittsburgh**

**Shadyside Hospital Program**  
Program ID: 120-41-12-280

**Reading**

**Reading Hospital and Medical Center Program**  
Program ID: 120-41-12-281

**St Joseph Hospital Program**  
Program ID: 120-41-11-282

**Upland**

**Delco Family Health Associates Program**  
Program ID: 120-41-21-477

**Rhode Island****Pawtucket**

**Brown University Program**  
Program ID: 120-43-21-288

**South Carolina****Charleston**

**Medical University of South Carolina Program**  
Program ID: 120-45-21-290

## Columbia

**Richland Memorial Hospital-University of South Carolina School of Medicine Program**

Program ID: 120-45-11-291

## South Dakota

### Sioux Falls

**University of South Dakota (Brookings/Watertown) Program**

Program ID: 120-46-21-532

**University of South Dakota Program**

Program ID: 120-46-11-294

## Texas

### Amarillo

**Texas Tech University (Amarillo) Program**

Program ID: 120-48-21-511

### Baytown

**San Jacinto Methodist Hospital Program**

Program ID: 120-48-21-432

### El Paso

**Texas Tech University (El Paso) Program**

Program ID: 120-48-11-309

### Houston

**Baylor College of Medicine Program**

Program ID: 120-48-11-306

### Lubbock

**Texas Tech University (Lubbock) Program**

Program ID: 120-48-21-310

### Odessa

**Texas Tech University (Odessa) Program**

Program ID: 120-48-21-457

### Port Arthur

**University of Texas Medical Branch (Port Arthur) Program**

Program ID: 120-48-21-424

### Waco

**McLennan County Medical Education and Research Foundation Program**

Program ID: 120-48-11-313

## Virginia

### Richmond

**Medical College of Virginia/Virginia Commonwealth University (Newport News) Program**

Program ID: 120-51-31-323

**Medical College of Virginia/Virginia Commonwealth University Program**

Program ID: 120-51-21-485

## Washington

### Renton

**Valley Medical Center Program**

Program ID: 120-54-21-470

## West Virginia

### Charleston

**West Virginia University (Charleston Division) Program**

Program ID: 120-55-11-337

### Clarksburg

**United Hospital Center Program**

Program ID: 120-55-22-334

### Huntington

**Marshall University School of Medicine Program**

Program ID: 120-55-21-335

### Wheeling

**Wheeling Hospital Program**

Program ID: 120-55-22-338

## Wisconsin

### Appleton

**University of Wisconsin (Appleton) Program**

Program ID: 120-56-31-368

### Eau Claire

**University of Wisconsin (Eau Claire) Program**

Program ID: 120-56-31-342

### Milwaukee

**University of Wisconsin (Milwaukee) Program**

Program ID: 120-56-21-348

### Wausau

**University of Wisconsin (Wausau) Program**

Program ID: 120-56-21-350

## Forensic Pathology (Pathology-Anatomic and Clinical)

## Alabama

### Birmingham

**University of Alabama Medical Center Program**

Program ID: 310-01-21-049

## California

### Los Angeles

**County of Los Angeles-Department of Coroner Program**

Program ID: 310-05-12-002

## Minnesota

### Minneapolis

**Hennepin County Medical Examiner Program**

Program ID: 310-26-12-014

## Tennessee

### Memphis

**University of Tennessee Program**

Program ID: 310-47-21-027

## Gastroenterology (Internal Medicine)

## California

### Orange

**University of California (Irvine) Program**

Program ID: 144-05-21-151

## District of Columbia

### Washington

**Washington Hospital Center Program**

Program ID: 144-10-21-212

**Florida**

**Jacksonville**

University of Florida Health Science Center/ Jacksonville Program  
Program ID: 144-11-21-024

**Iowa**

**Iowa City**

University of Iowa Hospitals and Clinics Program  
Program ID: 144-18-21-095

**Kansas**

**Kansas City**

University of Kansas Medical Center Program  
Program ID: 144-19-21-115

**Massachusetts**

**Boston**

Boston University Program  
Program ID: 144-24-21-157

**Missouri**

**St Louis**

Barnes Hospital Group Program  
Program ID: 144-28-21-158

**New York**

**Manhasset**

North Shore University Hospital Program  
Program ID: 144-35-21-170

**Valhalla**

New York Medical College at St Vincent's Hospital and Medical Center of New York Program  
Program ID: 144-35-11-029

**Ohio**

**Cleveland**

Case Western Reserve University Program  
Program ID: 144-38-21-164

**Geriatric Medicine (Family Practice)**

**Arizona**

**Tucson**

University of Arizona Program  
Program ID: 125-03-12-002

**Michigan**

**Lansing**

St Lawrence Hospital and Health Care Services/ Michigan State University Program  
Program ID: 125-25-31-021

**Missouri**

**Columbia**

University of Missouri-Columbia Program  
Program ID: 125-28-21-026

**Kansas City**

University of Missouri at Kansas City Program  
Program ID: 125-28-31-027

**New Jersey**

**Piscataway**

UMDNJ-Robert Wood Johnson Medical School Program  
Program ID: 125-33-21-009

**North Carolina**

**Greenville**

East Carolina University Program  
Program ID: 125-36-11-011

**Ohio**

**Cincinnati**

University of Cincinnati Hospital Group Program  
Program ID: 125-38-21-012

**Pennsylvania**

**Pittsburgh**

St Margaret Memorial Hospital Program  
Program ID: 125-41-12-016

**Geriatric Medicine (Internal Medicine)**

**Arizona**

**Phoenix**

Good Samaritan Regional Medical Center Program  
Program ID: 151-03-21-102

**Arkansas**

**Little Rock**

University of Arkansas for Medical Sciences Program  
Program ID: 151-04-21-003

**California**

**San Diego**

University of California (San Diego) Program  
Program ID: 151-05-21-046

**San Francisco**

University of California (San Francisco)/Mount Zion Program  
Program ID: 151-05-31-007

**District of Columbia**

**Washington**

George Washington University Program  
Program ID: 151-10-21-055

**Hawaii**

**Honolulu**

University of Hawaii Program  
Program ID: 151-14-21-047

**Kansas**

**Kansas City**

University of Kansas Medical Center Program  
Program ID: 151-19-21-056

**Maryland**

**Baltimore**

Johns Hopkins University Program  
Program ID: 151-23-11-018



## Massachusetts

### Boston

**Beth Israel Hospital Program**  
Program ID: 151-24-21-019

### Worcester

**University of Massachusetts Medical Center Program**  
Program ID: 151-24-21-022

## Missouri

### St Louis

**Washington University Program**  
Program ID: 151-28-21-027

## New York

### Bronx

**Albert Einstein College of Medicine Program**  
Program ID: 151-35-21-083

### Buffalo

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**  
Program ID: 151-35-31-030

### New York

**Mount Sinai School of Medicine Program**  
Program ID: 151-35-31-062

### Stony Brook

**SUNY at Stony Brook Program**  
Program ID: 151-35-22-109

### Valhalla

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**  
Program ID: 151-35-21-090

## North Carolina

### Chapel Hill

**University of North Carolina Hospitals Program**  
Program ID: 151-36-21-059

## Ohio

### Cleveland

**Case Western Reserve University (MetroHealth) Program**  
Program ID: 151-38-11-036

## Oregon

### Portland

**Oregon Health Sciences University Program**  
Program ID: 151-40-31-038

## Pennsylvania

### Philadelphia

**MCPHU/Medical College of Pennsylvania Hospital Program**  
Program ID: 151-41-21-098

### Pittsburgh

**University Health Center of Pittsburgh Program**  
Program ID: 151-41-21-077

## Tennessee

### Memphis

**University of Tennessee Program**  
Program ID: 151-47-21-051

## Utah

### Salt Lake City

**University of Utah Program**  
Program ID: 151-49-21-052

## Virginia

### Richmond

**Medical College of Virginia/Virginia Commonwealth University Program**  
Program ID: 151-51-21-043

## West Virginia

### Huntington

**Marshall University School of Medicine Program**  
Program ID: 151-55-21-096

## Wisconsin

### Milwaukee

**University of Wisconsin (Milwaukee) Program**  
Program ID: 151-56-21-076

## Hand Surgery (Orthopaedic Surgery)

## Massachusetts

### Boston

**Harvard Medical School Program**  
Program ID: 263-24-21-034

## Hematology (Internal Medicine)

## California

### Los Angeles

**University of Southern California Program**  
Program ID: 145-05-21-046

## District of Columbia

### Washington

**Georgetown University Program**  
Program ID: 145-10-21-078

## Maryland

### Bethesda

**National Institutes of Health Clinical Center Program**  
Program ID: 145-23-21-177

## New Jersey

### South Orange

**Seton Hall University School of Graduate Medical Education Program**  
Program ID: 145-33-11-138

## New York

### Manhasset

**North Shore University Hospital Program**  
Program ID: 145-35-21-147

## Hematology (Pathology-Anatomic and Clinical)

### Arkansas

#### Little Rock

University of Arkansas for Medical  
Sciences Program  
Program ID: 311-04-21-038

### Connecticut

#### Hartford

Hartford Hospital Program  
Program ID: 311-08-11-021

### Michigan

#### Ann Arbor

University of Michigan Program  
Program ID: 311-25-21-026

### Missouri

#### St Louis

Washington University Program  
Program ID: 311-28-21-050

## Hematology and Oncology (Internal Medicine)

### California

#### Sacramento

University of California (Davis) Program  
Program ID: 155-05-31-005

#### San Diego

Naval Medical Center (San Diego)  
Program  
Program ID: 155-05-11-006

### New York

#### Brooklyn

Brookdale Hospital Medical Center  
Program  
Program ID: 155-35-21-041

#### Stony Brook

SUNY at Stony Brook Program  
Program ID: 155-35-13-054

#### Valhalla

New York Medical College (St Vincent)  
Program  
Program ID: 155-35-12-053

### North Carolina

#### Durham

Duke University Program  
Program ID: 155-36-31-056

### South Carolina

#### Charleston

Medical University of South Carolina  
Program  
Program ID: 155-45-21-063

## Infectious Disease (Internal Medicine)

### California

#### Pasadena

Southern California Kaiser Permanente  
Medical Care (Los Angeles) Program  
Program ID: 146-05-12-032

### Florida

#### Tampa

University of South Florida Program  
Program ID: 146-11-21-034

### Illinois

#### Chicago

University of Illinois College of Medicine  
at Chicago Program  
Program ID: 146-16-21-131

### Iowa

#### Iowa City

University of Iowa Hospitals and Clinics  
Program  
Program ID: 146-18-21-096

### Massachusetts

#### Boston

Brigham and Women's Hospital Program  
Program ID: 146-24-21-021

### Michigan

#### Detroit

Henry Ford Hospital Program  
Program ID: 146-25-11-133

### New Jersey

#### Piscataway

UMDNJ-Robert Wood Johnson Medical  
School Program  
Program ID: 146-33-21-026

#### South Orange

Seton Hall University School of Graduate  
Medical Education Program  
Program ID: 146-33-11-152

### New Mexico

#### Albuquerque

University of New Mexico Program  
Program ID: 146-34-21-134

### New York

#### East Meadow

SUNY at Stony Brook (East Meadow)  
Program  
Program ID: 146-35-21-093

#### New Hyde Park

Albert Einstein College of Medicine at  
Long Island Jewish Medical Center  
Program  
Program ID: 146-35-21-135

#### Valhalla

New York Medical College at St  
Vincent's Hospital and Medical Center of  
New York Program  
Program ID: 146-35-11-174

### North Carolina

#### Winston-Salem

Bowman Gray School of Medicine  
Program  
Program ID: 146-36-21-014

## Pennsylvania

### Philadelphia

**MCPHU/Medical College of Pennsylvania Hospital Program**  
Program ID: 146-41-21-116

## Tennessee

### Nashville

**Vanderbilt University Program**  
Program ID: 146-47-31-017

## Utah

### Salt Lake City

**University of Utah Program**  
Program ID: 146-49-21-158

## Virginia

### Charlottesville

**University of Virginia Program**  
Program ID: 146-51-21-019

## West Virginia

### Morgantown

**West Virginia University Program**  
Program ID: 146-55-21-188

## Internal Medicine

## Arizona

### Phoenix

**Good Samaritan Regional Medical Center Program**  
Program ID: 140-03-21-025  
**Maricopa Medical Center Program**  
Program ID: 140-03-11-026

## California

### Bakersfield

**Kern Medical Center Program**  
Program ID: 140-05-31-031

### Los Angeles

**Cedars-Sinai Medical Center Program**  
Program ID: 140-05-11-040  
**UCLA Medical Center Program**  
Program ID: 140-05-11-046

### Los Angeles (Sepulveda)

**UCLA San Fernando Valley Program**  
Program ID: 140-05-21-047

### Oakland

**Highland General Hospital Program**  
Program ID: 140-05-31-051

**Kaiser Permanente Medical Group (Northern California) Program**  
Program ID: 140-05-12-060

### Orange

**University of California (Irvine) Program**  
Program ID: 140-05-21-036

### Sacramento

**University of California (Davis) Program**  
Program ID: 140-05-21-032

### San Diego

**Mercy Hospital and Medical Center Program**  
Program ID: 140-05-11-057

### San Francisco

**University of California (San Francisco) Program**  
Program ID: 140-05-21-064

### San Jose

**Santa Clara Valley Medical Center Program**  
Program ID: 140-05-31-065

## Colorado

### Denver

**Presbyterian-St Luke's Medical Center Program**  
Program ID: 140-07-31-071  
**University of Colorado Program**  
Program ID: 140-07-21-073

## Connecticut

### Danbury

**Danbury Hospital Program**  
Program ID: 140-08-11-076

### Farmington

**University of Connecticut (New Britain) Program**  
Program ID: 140-08-21-499  
**University of Connecticut Program**  
Program ID: 140-08-31-078

### New Haven

**Hospital of St Raphael Program**  
Program ID: 140-08-31-084

### Yale-New Haven Medical Center (Waterbury) Program

Program ID: 140-08-21-496

### Yale-New Haven Medical Center Program

Program ID: 140-08-21-085

## Delaware

### Wilmington

**The Medical Center of Delaware Program**  
Program ID: 140-09-11-090

## District of Columbia

### Washington

**Georgetown University Program**  
Program ID: 140-10-21-091  
**Washington Hospital Center Program**  
Program ID: 140-10-11-097

## Florida

### Jacksonville

**University of Florida Health Science Center/ Jacksonville Program**  
Program ID: 140-11-21-099

## Hawaii

### Honolulu

**University of Hawaii Program**  
Program ID: 140-14-21-109

## Illinois

### Chicago

**Cook County Hospital Program**  
Program ID: 140-16-12-113  
**Ravenswood Hospital Medical Center Program**  
Program ID: 140-16-11-120  
**Rush-Presbyterian-St Luke's Medical Center Program**  
Program ID: 140-16-11-121  
**St Joseph Hospital and Health Care Center Program**  
Program ID: 140-16-11-122  
**University of Illinois College of Medicine at Chicago Program**  
Program ID: 140-16-21-124  
**University of Illinois College of Medicine at Chicago/Christ Hospital Program**  
Program ID: 140-16-21-129

### Evanston

**St Francis Hospital of Evanston Program**  
Program ID: 140-16-11-126

**Maywood**

**Loyola University Program**  
Program ID: 140-16-21-128

**Oak Park**

**West Suburban Hospital Medical Center Program**  
Program ID: 140-16-21-467

**Park Ridge**

**University of Chicago (Park Ridge) Program**  
Program ID: 140-16-21-130

**Springfield**

**Southern Illinois University Program**  
Program ID: 140-16-21-132

**Urbana**

**University of Illinois College of Medicine at Urbana Program**  
Program ID: 140-16-21-456

**Iowa****Iowa City**

**University of Iowa Hospitals and Clinics Program**  
Program ID: 140-18-21-138

**Kentucky****Lexington**

**University of Kentucky Medical Center Program**  
Program ID: 140-20-21-141

**Louisiana****Baton Rouge**

**Louisiana State University (Baton Rouge) Program**  
Program ID: 140-21-21-507

**New Orleans**

**Tulane University Program**  
Program ID: 140-21-21-147

**Maryland****Baltimore**

**Franklin Square Hospital Center Program**  
Program ID: 140-23-12-151

**Sinai Hospital of Baltimore Program**  
Program ID: 140-23-12-157

**Union Memorial Hospital Program**  
Program ID: 140-23-12-159

**Massachusetts****Boston**

**Brigham and Women's Hospital Program**  
Program ID: 140-24-21-172

**Carney Hospital Program**  
Program ID: 140-24-11-166

**St Elizabeth's Medical Center of Boston Program**  
Program ID: 140-24-21-173

**Cambridge**

**Cambridge Hospital Program**  
Program ID: 140-24-11-175

**Mount Auburn Hospital Program**  
Program ID: 140-24-11-176

**Framingham**

**MetroWest Medical Center Program**  
Program ID: 140-24-21-177

**Newton Lower Falls**

**Newton-Wellesley Hospital Program**  
Program ID: 140-24-11-178

**Pittsfield**

**Berkshire Medical Center Program**  
Program ID: 140-24-11-179

**Salem**

**Salem Hospital Program**  
Program ID: 140-24-12-180

**Springfield**

**Baystate Medical Center Program**  
Program ID: 140-24-11-181

**Worcester**

**Medical Center of Central Massachusetts Program**  
Program ID: 140-24-31-182

**St Vincent Hospital Program**  
Program ID: 140-24-11-183

**University of Massachusetts Medical Center Program**  
Program ID: 140-24-21-184

**Michigan****Ann Arbor**

**St Joseph Mercy Hospital Program**  
Program ID: 140-25-12-186

**Detroit**

**Henry Ford Hospital Program**  
Program ID: 140-25-11-189

**East Lansing**

**Michigan State University Program**  
Program ID: 140-25-21-195

**Flint**

**Hurley Medical Center/Michigan State University Program**  
Program ID: 140-25-31-196

**Pontiac**

**St Joseph Mercy Hospital Program**  
Program ID: 140-25-11-200

**Royal Oak**

**William Beaumont Hospital Program**  
Program ID: 140-25-12-201

**Minnesota****Minneapolis**

**Hennepin County Medical Center Program**  
Program ID: 140-26-31-207

**Mississippi****Jackson**

**University of Mississippi Medical Center Program**  
Program ID: 140-27-21-209

**Missouri****Kansas City**

**University of Missouri at Kansas City Program**  
Program ID: 140-28-31-214

**St Louis**

**Deaconess Hospital Program**  
Program ID: 140-28-11-216

**Washington University Program**  
Program ID: 140-28-21-221

**Nevada****Reno**

**University of Nevada (Reno) Program**  
Program ID: 140-31-21-483

**New Hampshire****Lebanon**

**Dartmouth-Hitchcock Medical Center Program**  
Program ID: 140-32-21-225

## New Jersey

### Camden

**UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Program ID: 140-33-21-227

### Long Branch

**Monmouth Medical Center Program**

Program ID: 140-33-11-233

## New Mexico

### Albuquerque

**University of New Mexico Program**

Program ID: 140-34-21-247

## New York

### Binghamton

**Wilson Memorial Regional Medical Center (United Health Services) Program**

Program ID: 140-35-31-255

### Brooklyn

**Brookdale Hospital Medical Center Program**

Program ID: 140-35-11-264

### Buffalo

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

Program ID: 140-35-31-252

### Cooperstown

**Mary Imogene Bassett Hospital Program**

Program ID: 140-35-11-253

### Forest Hills

**La Guardia Hospital/Syosset Community Hospital Program**

Program ID: 140-35-21-468

### Manhasset

**North Shore University Hospital Program**

Program ID: 140-35-21-271

### New York

**Presbyterian Hospital in the City of New York Program**

Program ID: 140-35-11-297

### Rochester

**St Mary's Hospital Program**

Program ID: 140-35-11-312

**University of Rochester (Rochester General) Program**

Program ID: 140-35-31-314

## Staten Island

**Staten Island University Hospital Program**

Program ID: 140-35-11-304

## Stony Brook

**SUNY at Stony Brook Program**

Program ID: 140-35-21-315

## Syracuse

**SUNY Health Science Center at Syracuse Program**

Program ID: 140-35-21-316

## Valhalla

**New York Medical College at St Vincent's Hospital and Medical Center of New York Program**

Program ID: 140-35-11-302

## North Carolina

### Chapel Hill

**University of North Carolina Hospitals Program**

Program ID: 140-36-21-318

### Durham

**Duke University Program**

Program ID: 140-36-21-320

### Greensboro

**Moses H Cone Memorial Hospital Program**

Program ID: 140-36-11-321

### Greenville

**East Carolina University Program**

Program ID: 140-36-11-323

## North Dakota

### Grand Forks

**University of North Dakota Program**

Program ID: 140-37-21-326

## Ohio

### Cincinnati

**Good Samaritan Hospital Program**

Program ID: 140-38-31-332

### Cleveland

**Case Western Reserve University (MetroHealth) Program**

Program ID: 140-38-11-336

**Case Western Reserve University Program**

Program ID: 140-38-21-335

**Cleveland Clinic Foundation/St Vincent Charity Hospital Program**

Program ID: 140-38-12-339

**Meridia Huron Hospital Program**

Program ID: 140-38-21-476

## Columbus

**Riverside Methodist Hospitals Program**

Program ID: 140-38-12-343

## Dayton (Kettering)

**Kettering Medical Center Program**

Program ID: 140-38-21-347

## Oklahoma

### Oklahoma City

**University of Oklahoma Health Sciences Center Program**

Program ID: 140-39-21-351

### Tulsa

**University of Oklahoma College of Medicine-Tulsa Program**

Program ID: 140-39-21-352

## Oregon

### Portland

**Emanuel Hospital and Health Center Program**

Program ID: 140-40-11-353

**Oregon Health Sciences University Program**

Program ID: 140-40-31-357

**Providence Medical Center Program**

Program ID: 140-40-31-355

**St Vincent Hospital and Medical Center Program**

Program ID: 140-40-31-356

## Pennsylvania

### Allentown

**Lehigh Valley Hospital/Pennsylvania State University Program**

Program ID: 140-41-21-359

### Bala Cynwyd

**Mercy Catholic Medical Center Program**

Program ID: 140-41-11-375

### Johnstown

**Temple University/Conemaugh Valley Memorial Hospital Program**

Program ID: 140-41-31-367

### Philadelphia

**Albert Einstein Medical Center Program**

Program ID: 140-41-11-369

**Graduate Hospital Program**

Program ID: 140-41-11-371

**MCPHU/Medical College of Pennsylvania Hospital Program**

Program ID: 140-41-21-374

**Pittsburgh****MCPHU/Allegheny General Hospital Program**

Program ID: 140-41-11-381

**Mercy Hospital of Pittsburgh Program**

Program ID: 140-41-11-385

**St Francis Medical Center Program**

Program ID: 140-41-11-386

**Reading****Reading Hospital and Medical Center Program**

Program ID: 140-41-21-388

**Rhode Island****Pawtucket****Brown University (Memorial) Program**

Program ID: 140-43-21-473

**Providence****Brown University (Miriam) Program**

Program ID: 140-43-11-399

**Brown University Program**

Program ID: 140-43-11-400

**South Carolina****Greenville****Greenville Hospital System Program**

Program ID: 140-45-11-405

**South Dakota****Sioux Falls****University of South Dakota Program**

Program ID: 140-46-21-406

**Tennessee****Chattanooga****University of Tennessee College of Medicine at Chattanooga Program**

Program ID: 140-47-11-407

**Johnson City****East Tennessee State University Program**

Program ID: 140-47-21-408

**Nashville****Vanderbilt University Program**

Program ID: 140-47-31-414

**Texas****Houston****University of Texas at Houston Program**

Program ID: 140-48-31-423

**Utah****Salt Lake City****University of Utah Program**

Program ID: 140-49-21-427

**Virginia****Norfolk****Eastern Virginia Graduate School of Medicine Program**

Program ID: 140-51-21-432

**Richmond****Medical College of Virginia/Virginia Commonwealth University Program**

Program ID: 140-51-21-433

**Washington****Seattle****University of Washington Program**

Program ID: 140-54-21-434

**Virginia Mason Medical Center Program**

Program ID: 140-54-12-435

**Spokane****Spokane Program**

Program ID: 140-54-31-436

**West Virginia****Charleston****West Virginia University (Charleston Division) Program**

Program ID: 140-55-11-438

**Huntington****Marshall University School of Medicine Program**

Program ID: 140-55-21-439

**Morgantown****West Virginia University Program**

Program ID: 140-55-11-440

**Wisconsin****La Crosse****Gundersen Medical Foundation-La Crosse Lutheran Hospital Program**

Program ID: 140-56-12-442

**Madison****University of Wisconsin Program**

Program ID: 140-56-21-443

**Milwaukee****Medical College of Wisconsin Program**

Program ID: 140-56-31-445

**University of Wisconsin (Milwaukee) Program**

Program ID: 140-56-21-446

**Internal  
Medicine/Emergency  
Medicine****Illinois****Chicago****University of Illinois College of Medicine at Chicago Program**

Program ID: 805-16-44-012

**Indiana****Indianapolis****Methodist Hospital of Indiana Program**

Program ID: 805-17-44-007

**New York****New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Program ID: 805-35-44-011

**Internal  
Medicine/Neurology****West Virginia****Morgantown****West Virginia University School of Medicine Program**

Program ID: 845-55-44-002

## **Internal Medicine/Pediatrics**

### **Arizona**

#### **Phoenix**

**Maricopa Medical Center Program**  
Program ID: 800-03-44-094

### **California**

#### **Los Angeles**

**Los Angeles County-USC Medical Center Program**  
Program ID: 800-05-44-005

### **Illinois**

#### **Chicago**

**Cook County Hospital Program**  
Program ID: 800-16-44-011

**University of Chicago Program**  
Program ID: 800-16-44-012

**University of Illinois Program**  
Program ID: 800-16-44-013

#### **Springfield**

**Southern Illinois University Program**  
Program ID: 800-16-44-016

### **Indiana**

#### **Indianapolis**

**Methodist Hospital of Indiana Program**  
Program ID: 800-17-44-017

### **Louisiana**

#### **New Orleans**

**Louisiana State University Program**  
Program ID: 800-21-44-022

### **Maryland**

#### **Baltimore**

**University of Maryland Program**  
Program ID: 800-23-44-095

### **Massachusetts**

#### **Springfield**

**Baystate Medical Center Program**  
Program ID: 800-24-44-024

### **Michigan**

#### **East Lansing**

**Michigan State University Program**  
Program ID: 800-25-44-088

### **Minnesota**

#### **Minneapolis**

**University of Minnesota Program**  
Program ID: 800-26-44-034

### **Mississippi**

#### **Jackson**

**University of Mississippi Program**  
Program ID: 800-27-44-035

### **Missouri**

#### **Kansas City**

**University of Missouri-Kansas City School of Medicine Program**  
Program ID: 800-28-44-036

### **New Jersey**

#### **Camden**

**Cooper Hospital/University Medical Center Program**  
Program ID: 800-33-44-102

#### **Newark**

**Newark Beth Israel Medical Center/Seton Hall University Program B**  
Program ID: 800-33-44-041

### **New York**

#### **Albany**

**Albany Medical Center Program**  
Program ID: 800-35-44-044

#### **New York**

**St Vincent's Hospital and Medical Center of New York Program**  
Program ID: 800-35-44-082

#### **Stony Brook**

**SUNY at Stony Brook Program**  
Program ID: 800-35-44-093

### **North Carolina**

#### **Chapel Hill**

**University of North Carolina Hospitals Program**  
Program ID: 800-36-44-055

#### **Durham**

**Duke University Program**  
Program ID: 800-36-44-056

#### **Greenville**

**East Carolina University Program**  
Program ID: 800-36-44-057

### **Ohio**

#### **Cleveland**

**Cleveland Clinic Foundation Program**  
Program ID: 800-38-44-060

**MetroHealth Medical Center Program**  
Program ID: 800-38-44-061

#### **Toledo**

**Medical College of Ohio at Toledo Program**  
Program ID: 800-38-44-065

### **Oklahoma**

#### **Oklahoma City**

**University of Oklahoma Health Sciences Center Program**  
Program ID: 800-39-44-090

#### **Tulsa**

**University of Oklahoma College of Medicine-Tulsa Program**  
Program ID: 800-39-44-067

### **Tennessee**

#### **Nashville**

**Vanderbilt University Program**  
Program ID: 800-47-44-070

### **Texas**

#### **Houston**

**University of Texas at Houston Program**  
Program ID: 800-48-44-075

## West Virginia

### Huntington

**Marshall University School of Medicine Program**

Program ID: 800-55-44-079

### Morgantown

**West Virginia University Hospitals Program**

Program ID: 800-55-44-080

## Wisconsin

### Milwaukee

**Medical College of Wisconsin Program**

Program ID: 800-56-44-096

## Internal Medicine/Physical Medicine and Rehabilitation

## Louisiana

### New Orleans

**Louisiana State University Program**

Program ID: 810-21-44-002

## Ohio

### Cleveland

**Case Western Reserve University Program**

Program ID: 810-38-44-016

## Pennsylvania

### Philadelphia

**Albert Einstein Medical Center Program**

Program ID: 810-41-44-013

### Pittsburgh

**St Francis Medical Center Program**

Program ID: 810-41-44-008

## Internal Medicine/Psychiatry

## Illinois

### Springfield

**Southern Illinois University Program**

Program ID: 815-16-44-009

## Iowa

### Iowa City

**University of Iowa Hospitals and Clinics Program**

Program ID: 815-18-44-008

## Louisiana

### New Orleans

**Tulane University Program**

Program ID: 815-21-44-010

## New York

### Rochester

**University of Rochester Program**

Program ID: 815-35-44-007

## North Carolina

### Durham

**Duke University Program**

Program ID: 815-36-44-012

### Greenville

**East Carolina University Program**

Program ID: 815-36-44-005

## Pennsylvania

### Philadelphia

**Albert Einstein Medical Center Program**

Program ID: 815-41-44-001

### Pittsburgh

**St Francis Health System Program**

Program ID: 815-41-44-015

## West Virginia

### Charleston

**West Virginia University Program**

Program ID: 815-51-44-014

## Morgantown

**West Virginia University Program**

Program ID: 815-55-44-006

## Neonatal-Perinatal Medicine (Pediatrics)

## Alabama

### Birmingham

**University of Alabama Medical Center Program**

Program ID: 329-01-21-001

## California

### Los Angeles

**Cedars-Sinai Medical Center Program**

Program ID: 329-05-21-113

**University of Southern California Program**

Program ID: 329-05-21-004

### Stanford

**Stanford University Program**

Program ID: 329-05-21-010

## Colorado

### Denver

**University of Colorado Program**

Program ID: 329-07-21-012

## District of Columbia

### Washington

**Georgetown University Program**

Program ID: 329-10-21-066

## Illinois

### Chicago

**University of Chicago Program**

Program ID: 329-16-11-098

## Missouri

### Columbia

**University of Missouri-Columbia Program**

Program ID: 329-28-21-035



## Kansas City

University of Missouri at Kansas City  
Program

Program ID: 329-28-11-091

## St Louis

Washington University Program

Program ID: 329-28-21-037

## New Hampshire

### Lebanon

Dartmouth-Hitchcock Medical Center  
Program

Program ID: 329-32-21-111

## New York

### New York

New York University Medical Center  
Program

Program ID: 329-35-21-108

## North Carolina

### Greenville

East Carolina University Program

Program ID: 329-36-21-078

## Ohio

### Cincinnati

University of Cincinnati Hospital Group  
Program

Program ID: 329-38-21-047

## Oklahoma

### Oklahoma City

University of Oklahoma Health Sciences  
Center Program

Program ID: 329-39-21-079

## Pennsylvania

### Hershey

Milton S Hershey Medical Center of  
Pennsylvania State University Program

Program ID: 329-41-21-050

## Virginia

### Charlottesville

University of Virginia Program

Program ID: 329-51-21-084

## Nephrology (Internal Medicine)

## Arizona

### Tucson

University of Arizona Program

Program ID: 148-03-21-091

## Arkansas

### Little Rock

University of Arkansas for Medical  
Sciences Program

Program ID: 148-04-21-092

## California

### Los Angeles

UCLA Medical Center Program

Program ID: 148-05-11-110

### Pasadena

Southern California Kaiser Permanente  
Medical Care (Los Angeles) Program

Program ID: 148-05-12-029

## Iowa

### Iowa City

University of Iowa Hospitals and Clinics  
Program

Program ID: 148-18-21-083

## Michigan

### Detroit

Henry Ford Hospital Program

Program ID: 148-25-11-118

## Missouri

### St Louis

Washington University Program

Program ID: 148-28-21-132

## New Mexico

### Albuquerque

University of New Mexico Program

Program ID: 148-34-21-119

## New York

### Buffalo

SUNY at Buffalo Graduate  
Medical-Dental Education Consortium  
Program

Program ID: 148-35-31-034

### Manhasset

North Shore University Hospital Program

Program ID: 148-35-21-143

### Valhalla

New York Medical College at St  
Vincent's Hospital and Medical Center of  
New York Program

Program ID: 148-35-11-024

## Ohio

### Cleveland

Case Western Reserve University  
Program

Program ID: 148-38-21-137

## Tennessee

### Nashville

Vanderbilt University Program

Program ID: 148-47-31-014

## Neurological Surgery

## Connecticut

### New Haven

Yale-New Haven Medical Center  
Program

Program ID: 160-08-21-015

## New York

### Bronx

Albert Einstein College of Medicine  
Program

Program ID: 160-35-21-051

## Texas

### Galveston

University of Texas Medical Branch  
Hospitals Program

Program ID: 160-48-21-083

## Virginia

### Charlottesville

University of Virginia Program  
Program ID: 160-51-21-088

## West Virginia

### Morgantown

West Virginia University Program  
Program ID: 160-55-11-091

## Neurology

## California

### Orange

University of California (Irvine) Program  
Program ID: 180-05-21-009

## Illinois

### Springfield

Southern Illinois University Program  
Program ID: 180-16-21-134

## Louisiana

### New Orleans

Tulane University Program  
Program ID: 180-21-21-044

## Massachusetts

### Boston

Harvard Medical School Program  
Program ID: 180-24-21-049

## New York

### Rochester

University of Rochester Program  
Program ID: 180-35-31-082

### Valhalla

New York Medical College at St Vincent's Hospital and Medical Center of New York Program  
Program ID: 180-35-11-078

## Tennessee

### Nashville

Vanderbilt University Program  
Program ID: 180-47-21-107

## Texas

### San Antonio

University of Texas Health Science Center at San Antonio Program  
Program ID: 180-48-21-112

## West Virginia

### Morgantown

West Virginia University Program  
Program ID: 180-55-11-118

## Neuropathology (Pathology-Anatomic and Clinical)

## Alabama

### Birmingham

University of Alabama Medical Center Program  
Program ID: 315-01-21-061

## Connecticut

### New Haven

Yale-New Haven Medical Center Program  
Program ID: 315-08-21-078

## Illinois

### Chicago

University of Chicago Program  
Program ID: 315-16-21-076

## New York

### New York

Mount Sinai School of Medicine Program  
Program ID: 315-35-31-086

### Stony Brook

SUNY at Stony Brook Program  
Program ID: 315-35-21-065

## Tennessee

### Nashville

Vanderbilt University Program  
Program ID: 315-47-21-073

## Neuroradiology (Radiology-Diagnostic)

## California

### San Francisco

University of California (San Francisco) Program  
Program ID: 423-05-21-044

## Illinois

### Chicago

University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program  
Program ID: 423-16-21-007

## Pennsylvania

### Philadelphia

Thomas Jefferson University Program  
Program ID: 423-41-21-083

## Nuclear Medicine

## California

### Stanford

Stanford University Program  
Program ID: 200-05-21-018

## Michigan

### Detroit

Henry Ford Hospital Program  
Program ID: 200-25-21-106

## Minnesota

### Minneapolis

University of Minnesota Program  
Program ID: 200-26-31-041

## Nebraska

### Omaha

University of Nebraska Program  
Program ID: 200-30-11-044

## New York

### Manhasset

North Shore University Hospital Program  
Program ID: 200-35-21-102

### Rochester

University of Rochester Program  
Program ID: 200-35-11-057

## Pennsylvania

### Philadelphia

University of Pennsylvania Program  
Program ID: 200-41-21-067

## Utah

### Salt Lake City

University of Utah Program  
Program ID: 200-49-21-107

## Wisconsin

### Madison

University of Wisconsin Program  
Program ID: 200-56-21-079

## Nuclear Radiology (Radiology-Diagnostic)

## Pennsylvania

### Philadelphia

University of Pennsylvania Program  
Program ID: 425-41-21-043

## Obstetrics and Gynecology

## California

### Torrance

Los Angeles County-Harbor-UCLA  
Medical Center Program  
Program ID: 220-05-21-050

## Connecticut

### New Haven

Yale-New Haven Medical Center  
Program  
Program ID: 220-08-21-060

## Georgia

### Atlanta

Emory University Program  
Program ID: 220-12-21-076

## Illinois

### Springfield

Southern Illinois University Program  
Program ID: 220-16-21-097

## Maryland

### Baltimore

University of Maryland Program  
Program ID: 220-23-21-121

## New York

### Jamaica

Catholic Medical Center of Brooklyn and  
Queens Program  
Program ID: 220-35-21-183

### Rochester

Rochester General Hospital Program  
Program ID: 220-35-31-343

### Syracuse

SUNY Health Science Center at Syracuse  
Program  
Program ID: 220-35-21-215

## Tennessee

### Memphis

University of Tennessee Program  
Program ID: 220-47-21-276

## Virginia

### Richmond

Medical College of Virginia/Virginia  
Commonwealth University Program  
Program ID: 220-51-11-299

## West Virginia

### Charleston

West Virginia University (Charleston  
Division) Program  
Program ID: 220-55-11-303

## Oncology (Internal Medicine)

## Illinois

### Chicago

Cook County Hospital Program  
Program ID: 147-16-12-034

## Mississippi

### Jackson

University of Mississippi Medical Center  
Program  
Program ID: 147-27-21-070

## New Jersey

### South Orange

Seton Hall University School of Graduate  
Medical Education Program  
Program ID: 147-33-21-043

## New York

### Albany

Albany Medical Center Program  
Program ID: 147-35-31-026

### Manhasset

North Shore University Hospital Program  
Program ID: 147-35-21-152

## Pennsylvania

### Philadelphia

Thomas Jefferson University Program  
Program ID: 147-41-21-029

## Ophthalmology

## Louisiana

### New Orleans

Tulane University Program  
Program ID: 240-21-21-062

## New York

### Manhasset

North Shore University Hospital Program  
Program ID: 240-35-11-092

### New York

Manhattan Eye Ear and Throat Hospital Program  
Program ID: 240-35-21-168

### Valhalla

New York Medical College at Westchester County Medical Center Program  
Program ID: 240-35-21-107

## Texas

### Galveston

University of Texas Medical Branch Hospitals Program  
Program ID: 240-48-21-149

## Virginia

### Norfolk

Eastern Virginia Graduate School of Medicine Program  
Program ID: 240-51-21-157

## Orthopaedic Surgery

## Alabama

### Mobile

University of South Alabama Program  
Program ID: 260-01-11-182

## Colorado

### Denver

University of Colorado Program  
Program ID: 260-07-21-004

## New York

### Jamaica

Catholic Medical Center of Brooklyn and Queens Program  
Program ID: 260-35-21-124

### New York

St Luke's-Roosevelt Hospital Center Program  
Program ID: 260-35-11-041

## Vermont

### Burlington

Medical Center Hospital of Vermont Program  
Program ID: 260-50-11-167

## West Virginia

### Morgantown

West Virginia University Program  
Program ID: 260-55-21-169

## Orthopaedic Surgery of the Spine (Orthopaedic Surgery)

## Illinois

### Springfield

Southern Illinois University Program  
Program ID: 267-16-21-001

## Otolaryngology

## Louisiana

### Shreveport

Louisiana State University (Shreveport) Program  
Program ID: 280-21-21-121

## Pain Management (Anesthesiology)

## Florida

### Tampa

University of South Florida Program  
Program ID: 048-11-21-050

## Illinois

### Chicago

University of Illinois College of Medicine at Chicago/Michael Reese Hospital Program  
Program ID: 048-16-31-006

## New York

### Valhalla

New York Medical College at Westchester County Medical Center Program  
Program ID: 048-35-32-019

## Ohio

### Cleveland

Cleveland Clinic Foundation Program  
Program ID: 048-38-31-022

## Pennsylvania

### Hershey

Milton S Hershey Medical Center of Pennsylvania State University Program  
Program ID: 048-41-21-024

### Philadelphia

Thomas Jefferson University Program  
Program ID: 048-41-21-041

## Pathology-Anatomic and Clinical

## Alabama

### Birmingham

University of Alabama Medical Center Program  
Program ID: 300-01-31-018

## Arizona

### Tucson

University of Arizona Program  
Program ID: 300-03-21-023

## Arkansas

### Little Rock

University of Arkansas for Medical  
Sciences Program  
Program ID: 300-04-21-024

## California

### Loma Linda

Loma Linda University Program  
Program ID: 300-05-21-028

## District of Columbia

### Washington

George Washington University Program  
Program ID: 300-10-31-069

## Georgia

### Fort Gordon

Dwight David Eisenhower Army Medical  
Center Program  
Program ID: 300-12-31-005

## Illinois

### Chicago

University of Illinois College of Medicine  
at Chicago Program  
Program ID: 300-16-21-098

## Michigan

### Ann Arbor

University of Michigan Program  
Program ID: 300-25-21-158

## Missouri

### Kansas City

University of Missouri at Kansas City  
Program  
Program ID: 300-28-21-408

## New York

### Buffalo

SUNY at Buffalo Graduate  
Medical-Dental Education Consortium  
Program  
Program ID: 300-35-21-224

### Manhasset

North Shore University Hospital Program  
Program ID: 300-35-11-228

### New York

Presbyterian Hospital in the City of New  
York Program  
Program ID: 300-35-11-237

### Rochester

University of Rochester Program  
Program ID: 300-35-21-263

## Texas

### Fort Sam Houston

Brooke Army Medical Center Program  
Program ID: 300-48-12-008

## Utah

### Salt Lake City

University of Utah Program  
Program ID: 300-49-21-360

## Washington

### Seattle

University of Washington Program  
Program ID: 300-54-21-367

## Pediatric Cardiology (Pediatrics)

## California

### Los Angeles

UCLA Medical Center Program  
Program ID: 325-05-21-002

## District of Columbia

### Washington

George Washington University Program  
Program ID: 325-10-21-007

## Missouri

### St Louis

Washington University Program  
Program ID: 325-28-11-027

## New York

### Manhasset

North Shore University Hospital Program  
Program ID: 325-35-21-069

## Oregon

### Portland

Oregon Health Sciences University  
Program  
Program ID: 325-40-11-040

## Pennsylvania

### Philadelphia

St Christopher's Hospital for Children  
Program  
Program ID: 325-41-11-042

## West Virginia

### Morgantown

West Virginia University Program  
Program ID: 325-55-21-068

## Pediatric Critical Care Medicine (Pediatrics)

## District of Columbia

### Washington

George Washington University Program  
Program ID: 323-10-21-035

## Florida

### Jacksonville

University of Florida Health Science  
Center/ Jacksonville Program  
Program ID: 323-11-21-045

## Michigan

### Ann Arbor

University of Michigan Program  
Program ID: 323-26-21-008

## Texas

### Houston

Baylor College of Medicine Program  
Program ID: 323-48-31-044

## Utah

### Salt Lake City

University of Utah Program  
Program ID: 323-49-21-003

## Washington

### Seattle

University of Washington Program  
Program ID: 323-54-21-013

## Pediatric Endocrinology (Pediatrics)

## California

### Torrance

Los Angeles County-Harbor-UCLA  
Medical Center Program  
Program ID: 326-06-11-006

## Colorado

### Denver

University of Colorado Program  
Program ID: 326-07-21-007

## Indiana

### Indianapolis

Indiana University Medical Center  
Program  
Program ID: 326-17-21-052

## New York

### Mineola

Winthrop-University Hospital Program  
Program ID: 326-35-31-057

### New York

New York Hospital/Cornell Medical  
Center Program  
Program ID: 326-35-21-049

## Oregon

### Portland

Oregon Health Sciences University  
Program  
Program ID: 326-40-12-031

## Tennessee

### Memphis

University of Tennessee Program  
Program ID: 326-47-31-036

## Texas

### Houston

Baylor College of Medicine Program  
Program ID: 326-48-21-051

### San Antonio

University of Texas Health Science  
Center at San Antonio Program  
Program ID: 326-48-21-038

## Wisconsin

### Madison

University of Wisconsin Program  
Program ID: 326-56-21-059

## Pediatric Hematology/Oncology (Pediatrics)

## Illinois

### Chicago

University of Chicago Program  
Program ID: 327-16-11-050

## Iowa

### Iowa City

University of Iowa Hospitals and Clinics  
Program  
Program ID: 327-18-11-013

## New York

### Syracuse

SUNY Health Science Center at Syracuse  
Program  
Program ID: 327-36-21-028

## Texas

### Houston

University of Texas at Houston Program  
Program ID: 327-48-21-038

## Wisconsin

### Madison

University of Wisconsin Program  
Program ID: 327-56-21-059

### Milwaukee

Medical College of Wisconsin Program  
Program ID: 327-56-21-063

## Pediatric Nephrology (Pediatrics)

## Connecticut

### New Haven

Yale University/University of Connecticut  
Program  
Program ID: 328-08-21-004

## Illinois

### Chicago

McGaw Medical Center of Northwestern  
University Program  
Program ID: 328-16-21-030

## Louisiana

### New Orleans

Tulane University Program  
Program ID: 328-21-21-009

## Maryland

### Baltimore

Johns Hopkins University Program  
Program ID: 328-23-21-037

## Missouri

### Kansas City

University of Missouri at Kansas City  
Program  
Program ID: 328-28-11-038

## New York

### Rochester

University of Rochester Program  
Program ID: 328-35-21-050

## Texas

### Houston

University of Texas at Houston Program  
Program ID: 328-48-21-041

## Wisconsin

### Madison

University of Wisconsin Program  
Program ID: 328-56-21-028

## Pediatric Pulmonology (Pediatrics)

## Florida

### Gainesville

University of Florida Program  
Program ID: 330-11-21-017

## Louisiana

### New Orleans

Tulane University Program  
Program ID: 330-21-21-012

## Minnesota

### Minneapolis

University of Minnesota Program  
Program ID: 330-26-21-018

## Missouri

### St Louis

Washington University Program  
Program ID: 330-28-21-020

## New York

### Valhalla

New York Medical College at  
Westchester County Medical Center  
Program  
Program ID: 330-35-31-041

## North Carolina

### Durham

Duke University Program  
Program ID: 330-36-21-044

## Ohio

### Cincinnati

University of Cincinnati Hospital Group  
Program  
Program ID: 330-38-21-026

## Wisconsin

### Madison

University of Wisconsin Program  
Program ID: 330-56-21-030

## Pediatric Radiology (Radiology-Diagnostic)

## California

### Los Angeles

Childrens Hospital of Los Angeles  
Program  
Program ID: 424-05-21-003  
UCLA Medical Center Program  
Program ID: 424-05-21-022

## District of Columbia

### Washington

George Washington University Program  
Program ID: 424-10-21-024

## Missouri

### Kansas City

University of Missouri at Kansas City  
Program  
Program ID: 424-28-21-028

## New York

### New York

Presbyterian Hospital in the City of New  
York Program  
Program ID: 424-35-21-011

### Rochester

University of Rochester Program  
Program ID: 424-35-21-012

## Ohio

### Cleveland

Cleveland Clinic Foundation Program  
Program ID: 424-38-21-050

## Pediatric Surgery (Surgery-General)

## Missouri

### St Louis

St Louis University Group of Hospitals  
Program  
Program ID: 445-28-21-029

## Pediatric Urology (Urology)

## Pennsylvania

### Philadelphia

University of Pennsylvania Program  
Program ID: 485-41-21-002

## Pediatrics

### Arizona

#### Phoenix

**Phoenix Hospitals Program**  
Program ID: 320-03-32-020

### Arkansas

#### Little Rock

**University of Arkansas for Medical Sciences Program**  
Program ID: 320-04-21-022

### California

#### Los Angeles

**Cedars-Sinai Medical Center Program**  
Program ID: 320-05-31-027

**Charles R Drew University Program**  
Program ID: 320-05-11-031

**University of Southern California Program**  
Program ID: 320-05-11-030

#### Oakland

**Children's Hospital Medical Center of Northern California Program**  
Program ID: 320-05-31-034

**Kaiser Permanente Medical Group (Northern California) Program**  
Program ID: 320-05-12-035

#### Orange

**Children's Hospital of Orange County Program**

Program ID: 320-05-21-386

**University of California (Irvine) Program**  
Program ID: 320-05-21-025

#### Pasadena

**Southern California Kaiser Permanente Medical Care (Los Angeles) Program**  
Program ID: 320-05-12-029

#### San Diego

**University of California (San Diego) Program**  
Program ID: 320-05-31-036

#### San Francisco

**California Pacific Medical Center Program**  
Program ID: 320-05-11-037

**University of California (San Francisco) Program**  
Program ID: 320-05-21-040

### Colorado

#### Denver

**University of Colorado Program**  
Program ID: 320-07-21-043

### Connecticut

#### Farmington

**University of Connecticut Program**  
Program ID: 320-08-21-045

#### New Haven

**Yale-New Haven Medical Center Program**  
Program ID: 320-08-21-046

### District of Columbia

#### Washington

**George Washington University Program**  
Program ID: 320-10-21-051

### Florida

#### Miami

**University of Miami-Jackson Memorial Medical Center Program**  
Program ID: 320-11-11-056

#### Orlando

**Orlando Regional Healthcare System Program**  
Program ID: 320-11-31-058

### Georgia

#### Augusta

**Medical College of Georgia Program**  
Program ID: 320-12-21-062

### Hawaii

#### Honolulu

**University of Hawaii Program**  
Program ID: 320-14-21-063

### Illinois

#### Chicago

**Rush Medical College Program**  
Program ID: 320-16-31-069  
**University of Chicago Program**  
Program ID: 320-16-11-073

### Peoria

**University of Illinois College of Medicine at Peoria Program**  
Program ID: 320-16-21-078

### Springfield

**Southern Illinois University Program**  
Program ID: 320-16-21-079

### Indiana

#### Indianapolis

**Indiana University Medical Center Program**

Program ID: 320-17-21-080

**Methodist Hospital of Indiana Program**  
Program ID: 320-17-11-081

### Kansas

#### Wichita

**University of Kansas (Wichita) Program**  
Program ID: 320-19-21-086

### Kentucky

#### Lexington

**University of Kentucky Medical Center Program**  
Program ID: 320-20-21-087

#### Louisville

**University of Louisville Program**  
Program ID: 320-20-21-088

### Louisiana

#### New Orleans

**Tulane University Program**  
Program ID: 320-21-21-092

#### Shreveport

**Louisiana State University (Shreveport) Program**  
Program ID: 320-21-11-093

### Maryland

#### Baltimore

**University of Maryland Program**  
Program ID: 320-23-21-100



## Massachusetts

### Boston

#### Boston City Hospital Program

Program ID: 320-24-21-101

#### Harvard Medical School Program

Program ID: 320-24-11-102

#### Massachusetts General Hospital Program

Program ID: 320-24-31-103

#### New England Medical Center Hospitals Program

Program ID: 320-24-21-104

### Springfield

#### Baystate Medical Center Program

Program ID: 320-24-12-106

## Michigan

### Ann Arbor

#### University of Michigan Program

Program ID: 320-25-21-109

### Detroit

#### Henry Ford Hospital Program

Program ID: 320-25-31-392

#### Wayne State University/Detroit Medical Center Program

Program ID: 320-25-21-110

### East Lansing

#### Michigan State University Program

Program ID: 320-25-21-114

### Grand Rapids

#### Butterworth Hospital/Michigan State University Program

Program ID: 320-25-21-116

### Kalamazoo

#### Kalamazoo Center for Medical Studies/Michigan State University Program

Program ID: 320-25-21-391

### Royal Oak

#### William Beaumont Hospital Program

Program ID: 320-25-12-119

## Minnesota

### Minneapolis

#### University of Minnesota Program

Program ID: 320-26-21-120

## Missouri

### Columbia

#### University of Missouri-Columbia Program

Program ID: 320-28-11-123

### Kansas City

#### University of Missouri at Kansas City Program

Program ID: 320-28-11-124

## Nebraska

### Omaha

#### University of Nebraska/Creighton University Program

Program ID: 320-30-21-383

## New Hampshire

### Lebanon

#### Dartmouth-Hitchcock Medical Center Program

Program ID: 320-32-22-130

## New Jersey

### Long Branch

#### Mornton Medical Center Program

Program ID: 320-33-11-133

### Morristown

#### Morristown Memorial Hospital Program

Program ID: 320-33-21-368

### Newark

#### UMDNJ-New Jersey Medical School (Beth Israel) Program

Program ID: 320-33-21-362

#### UMDNJ-New Jersey Medical School Program

Program ID: 320-33-21-135

### Piscataway

#### UMDNJ-Robert Wood Johnson Medical School Program

Program ID: 320-33-21-136

### Summit

#### Overlook Hospital Program

Program ID: 320-33-11-137

## New Mexico

### Albuquerque

#### University of New Mexico Program

Program ID: 320-34-11-138

## New York

### Albany

#### Albany Medical Center Program

Program ID: 320-35-21-139

### Bronx

#### Albert Einstein College of Medicine Program

Program ID: 320-35-21-363

### Brooklyn

#### SUNY Health Science Center at Brooklyn Program

Program ID: 320-35-21-173

### Buffalo

#### SUNY at Buffalo Graduate Medical-Dental Education Consortium Program

Program ID: 320-35-21-140

### Manhasset

#### North Shore University Hospital Program

Program ID: 320-35-21-150

### New York

#### New York University Medical Center Program

Program ID: 320-35-21-166

#### Presbyterian Hospital in the City of New York Program

Program ID: 320-35-11-167

### Rochester

#### University of Rochester Program

Program ID: 320-35-21-174

### Stony Brook

#### SUNY at Stony Brook Program

Program ID: 320-35-21-365

### Syracuse

#### SUNY Health Science Center at Syracuse Program

Program ID: 320-35-21-175

## North Carolina

### Charlotte

#### Carolinas Medical Center Program

Program ID: 320-36-11-179

### Durham

#### Duke University Program

Program ID: 320-36-21-180

### Greenville

#### East Carolina University Program

Program ID: 320-36-12-182

## Ohio

### Akron

**Children's Hospital Medical Center of Akron/ NEOUCOM Program**  
Program ID: 320-38-11-184

### Cleveland

**Case Western Reserve University (MetroHealth) Program**  
Program ID: 320-38-21-369

**Cleveland Clinic Foundation Program**  
Program ID: 320-38-31-189

### Toledo

**Medical College of Ohio at Toledo Program**  
Program ID: 320-38-21-194

## Oklahoma

### Oklahoma City

**University of Oklahoma Health Sciences Center Program**  
Program ID: 320-39-11-196

### Tulsa

**University of Oklahoma College of Medicine-Tulsa Program**  
Program ID: 320-39-21-197

## Oregon

### Portland

**Oregon Health Sciences University Program**  
Program ID: 320-40-12-199

## Pennsylvania

### Philadelphia

**MCPHU/Hahnemann University Hospital Program**  
Program ID: 320-41-21-206

**Thomas Jefferson University Program**  
Program ID: 320-41-21-210

**University of Pennsylvania Program**  
Program ID: 320-41-21-205

### Pittsburgh

**Mercy Hospital of Pittsburgh Program**  
Program ID: 320-41-11-212

## Rhode Island

### Providence

**Brown University Program**  
Program ID: 320-43-21-218

## Tennessee

### Johnson City

**East Tennessee State University Program**  
Program ID: 320-47-21-381

### Memphis

**University of Tennessee Program**  
Program ID: 320-47-31-225

### Nashville

**Vanderbilt University Program**  
Program ID: 320-47-21-227

## Texas

### Amarillo

**Texas Tech University (Amarillo) Program**  
Program ID: 320-48-21-370

### Dallas

**University of Texas Southwestern Medical School Program**  
Program ID: 320-48-21-230

### El Paso

**Texas Tech University (El Paso) Program**  
Program ID: 320-48-11-234

### Galveston

**University of Texas Medical Branch Hospitals Program**  
Program ID: 320-48-11-231

### Houston

**Baylor College of Medicine Program**  
Program ID: 320-48-21-232  
**University of Texas at Houston Program**  
Program ID: 320-48-21-233

### Lubbock

**Texas Tech University (Lubbock) Program**  
Program ID: 320-48-21-260

## Utah

### Salt Lake City

**University of Utah Program**  
Program ID: 320-49-21-237

## Virginia

### Charlottesville

**University of Virginia Program**  
Program ID: 320-51-11-239

## Washington

### Seattle

**University of Washington Program**  
Program ID: 320-54-21-358

## West Virginia

### Morgantown

**West Virginia University Program**  
Program ID: 320-56-11-245

## Wisconsin

### Madison

**University of Wisconsin Program**  
Program ID: 320-56-21-247

### Milwaukee

**Medical College of Wisconsin Program**  
Program ID: 320-56-21-249

## Pediatrics/Emergency Medicine

## Indiana

### Indianapolis

**Methodist Hospital of Indiana Program**  
Program ID: 825-17-44-005

## Pediatrics/Physical Medicine and Rehabilitation

## Michigan

### Detroit

**Children's Hospital of Michigan Program**  
Program ID: 835-25-44-002

## Missouri

### Columbia

**University of Missouri-Columbia Program**  
Program ID: 835-28-44-003

## **New Jersey**

### **Newark**

**UMDNJ-New Jersey Medical School Program**

Program ID: 835-33-44-004

## **New York**

### **Bronx**

**Albert Einstein College of Medicine Program**

Program ID: 835-35-44-006

## **Ohio**

### **Toledo**

**Medical College of Ohio at Toledo Program**

Program ID: 835-38-44-011

## **Pennsylvania**

### **Philadelphia**

**University of Pennsylvania Program**

Program ID: 835-41-44-016

## **Pediatrics/Psychiatry/ Child and Adolescent Psychiatry**

## **Massachusetts**

### **Boston**

**Tufts University School of Medicine Program**

Program ID: 830-24-44-002

## **Rhode Island**

### **East Providence**

**Brown University Program**

Program ID: 830-43-44-005

## **Utah**

### **Salt Lake City**

**University of Utah Program**

Program ID: 830-49-44-006

## **Physical Medicine and Rehabilitation**

## **New York**

### **East Meadow**

**Nassau County Medical Center Program**

Program ID: 340-35-11-037

### **Rochester**

**University of Rochester Program**

Program ID: 340-35-21-051

### **Valhalla**

**New York Medical College at St Vincent's Hospital and Medical Center Program**

Program ID: 340-35-11-047

## **Ohio**

### **Cleveland**

**Case Western Reserve University Program**

Program ID: 340-38-31-053

## **Pennsylvania**

### **Pittsburgh**

**St Francis Medical Center Program**

Program ID: 340-41-22-059

## **Plastic Surgery**

## **Florida**

### **Tampa**

**University of South Florida Program**

Program ID: 360-11-21-128

## **New Jersey**

### **Newark**

**UMDNJ-New Jersey Medical School Program**

Program ID: 360-33-21-119

## **New York**

### **Albany**

**Albany Medical Center Program**

Program ID: 360-35-21-055

## **South Carolina**

### **Charleston**

**Medical University of South Carolina Program**

Program ID: 360-45-22-093

## **Preventive Medicine-General**

## **California**

### **Loma Linda**

**Loma Linda University Program**

Program ID: 380-05-21-033

### **Los Angeles**

**UCLA School of Public Health Program**

Program ID: 380-05-21-010

### **San Diego**

**University of California (San Diego)/San Diego State University Program**

Program ID: 380-05-21-038

## **Colorado**

### **Denver**

**University of Colorado Program**

Program ID: 380-07-21-041

## **Kentucky**

### **Lexington**

**University of Kentucky Medical Center Program**

Program ID: 380-20-21-039

## **Maryland**

### **Baltimore**

**University of Maryland Program**

Program ID: 380-23-11-016

## **Massachusetts**

### **Boston**

**Carney Hospital Program**

Program ID: 380-24-21-043

### **Worcester**

**University of Massachusetts Medical Center Program**

Program ID: 380-24-21-018

## New York

### Buffalo

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

Program ID: 380-35-21-045

### New York

**Mount Sinai School of Medicine Program**

Program ID: 380-35-21-024

## North Carolina

### Chapel Hill

**University of North Carolina Hospitals Program**

Program ID: 380-36-21-026

## Wisconsin

### Milwaukee

**Medical College of Wisconsin Program**

Program ID: 380-56-21-031

## Preventive Medicine-Occupational Medicine (Preventive Medicine-General)

## Alabama

### Birmingham

**University of Alabama Medical Center Program**

Program ID: 390-01-21-049

## California

### Davis

**University of California (Davis) Program**

Program ID: 390-05-21-048

### Los Angeles

**University of Southern California Program**

Program ID: 390-05-21-036

## Colorado

### Denver

**University of Colorado Program**

Program ID: 390-07-21-053

## Georgia

### Atlanta

**Emory University Program**

Program ID: 390-12-21-054

## Illinois

### Chicago

**University of Illinois College of Medicine at Chicago Program**

Program ID: 390-16-12-007

## Iowa

### Iowa City

**University of Iowa Hospitals and Clinics Program**

Program ID: 390-18-21-041

## Kentucky

### Lexington

**University of Kentucky Medical Center Program**

Program ID: 390-20-21-039

## Maryland

### Baltimore

**Johns Hopkins University School of Hygiene and Public Health Program**

Program ID: 390-23-21-024

## Massachusetts

### Boston

**Harvard School of Public Health Program**

Program ID: 390-24-12-008

### Worcester

**University of Massachusetts Medical Center Program**

Program ID: 390-24-21-051

## Michigan

### Ann Arbor

**University of Michigan School of Public Health Program**

Program ID: 390-25-21-031

## Minnesota

### St Paul

**St Paul-Ramsey Medical Center Program**

Program ID: 390-26-21-025

## New York

### New York

**Mount Sinai School of Medicine Program**

Program ID: 390-35-21-015

## Ohio

### Cincinnati

**University of Cincinnati Hospital Group Program**

Program ID: 390-38-21-017

## Oklahoma

### Oklahoma City

**University of Oklahoma Health Sciences Center Program**

Program ID: 390-39-21-040

## Wisconsin

### Milwaukee

**Medical College of Wisconsin Program A**

Program ID: 390-56-21-050

## Preventive Medicine-Public Health (Preventive Medicine-General)

## California

### Sacramento

**California Department of Health Services Program**

Program ID: 395-05-21-027

## Florida

### West Palm Beach

**Palm Beach County Public Health Unit Program**

Program ID: 395-11-11-004

## Illinois

### Springfield

Illinois Department of Public Health  
Program  
Program ID: 395-16-32-005

## Oregon

### Portland

Oregon Health Sciences University  
Program  
Program ID: 395-40-31-016

## Texas

### Austin

Texas Department of Health Program  
Program ID: 395-48-12-018

## Preventive Medicine- Public Health and General Preventive Medicine (Preventive Medicine-General)

## South Carolina

### Columbia

University of South Carolina School of  
Medicine Program  
Program ID: 397-45-21-005

## Psychiatry

## Alabama

### Birmingham

University of Alabama Medical Center  
Program  
Program ID: 400-01-11-009

## Arizona

### Tucson

University of Arizona Program  
Program ID: 400-03-21-012

## California

### Los Angeles

Cedars-Sinai Medical Center Program  
Program ID: 400-05-11-022

UCLA Medical Center Program  
Program ID: 400-05-21-025

### Sacramento

University of California (Davis) Program  
Program ID: 400-05-31-017

### Stanford

Stanford University Program  
Program ID: 400-05-31-033

### Torrance

Los Angeles County-Harbor-UCLA  
Medical Center Program  
Program ID: 400-05-11-035

## Connecticut

### Middletown

Connecticut Valley Hospital Program  
Program ID: 400-08-31-041

## District of Columbia

### Washington

St Elizabeths Hospital Program  
Program ID: 400-10-21-239

## Florida

### Gainesville

University of Florida Program  
Program ID: 400-11-21-050

### Miami

University of Miami-Jackson Memorial  
Medical Center Program  
Program ID: 400-11-21-051

## Illinois

### Chicago

McGaw Medical Center of Northwestern  
University (Evanston) Program  
Program ID: 400-16-21-280

University of Chicago Program  
Program ID: 400-16-31-062

### Springfield

Southern Illinois University Program  
Program ID: 400-16-21-065

## Indiana

### Indianapolis

Indiana University Medical Center  
Program  
Program ID: 400-17-21-066

## Kansas

### Topeka

Menninger School of Psychiatry Program  
Program ID: 400-19-22-071

### Wichita

University of Kansas (Wichita) Program  
Program ID: 400-19-21-254

## Kentucky

### Lexington

University of Kentucky Medical Center  
Program  
Program ID: 400-20-21-074

## Louisiana

### New Orleans

Tulane University Program  
Program ID: 400-21-21-078

### Shreveport

Louisiana State University (Shreveport)  
Program  
Program ID: 400-21-21-274

## Maine

### Portland

Maine Medical Center Program  
Program ID: 400-22-11-080

## Maryland

### Baltimore

Sheppard and Enoch Pratt Hospital  
Program  
Program ID: 400-23-22-085

University of Maryland Program  
Program ID: 400-23-31-082

## Massachusetts

### Belmont

McLean Hospital Program  
Program ID: 400-24-21-086

**Boston****Boston University Program**

Program ID: 400-24-21-089

**Harvard Medical School Program**

Program ID: 400-24-31-277

**Massachusetts General Hospital Program**

Program ID: 400-24-31-090

**St Elizabeth's Medical Center of Boston Program**

Program ID: 400-24-21-092

**Cambridge****Cambridge Hospital Program**

Program ID: 400-24-11-094

**Stockbridge****Austen Riggs Center Program**

Program ID: 400-24-11-249

**Michigan****Detroit****Henry Ford Hospital Program**

Program ID: 400-25-21-235

**Sinai Hospital Program**

Program ID: 400-25-21-100

**Wayne State University/Detroit Psychiatric Institute Program**

Program ID: 400-25-21-098

**East Lansing****Michigan State University Program**

Program ID: 400-25-21-101

**Minnesota****Minneapolis****University of Minnesota Program**

Program ID: 400-26-21-106

**Mississippi****Jackson****University of Mississippi Medical Center Program**

Program ID: 400-27-11-108

**Missouri****Kansas City****University of Missouri at Kansas City Program**

Program ID: 400-28-21-110

**Nebraska****Omaha****Creighton University/University of Nebraska Program**

Program ID: 400-30-21-116

**Nevada****Reno****University of Nevada Program**

Program ID: 400-31-21-263

**New Jersey****Camden****UMDNJ-Robert Wood Johnson Medical School (Camden) Program**

Program ID: 400-33-21-255

**Piscataway****UMDNJ-Robert Wood Johnson Medical School Program**

Program ID: 400-33-21-121

**New Mexico****Albuquerque****University of New Mexico Program**

Program ID: 400-34-21-123

**New York****Bronx****Albert Einstein College of Medicine Program**

Program ID: 400-35-11-131

**Buffalo****SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

Program ID: 400-35-21-126

**Manhasset****North Shore University Hospital Program**

Program ID: 400-35-11-129

**New Hyde Park****Albert Einstein College of Medicine at Long Island Jewish Medical Center Program**

Program ID: 400-35-21-142

**New York****Columbia University Program**

Program ID: 400-35-21-138

**New York Hospital-Westchester Division/Cornell Medical Center Program**

Program ID: 400-35-21-164

**New York Hospital/Cornell Medical Center Program**

Program ID: 400-35-11-147

**New York University Medical Center Program**

Program ID: 400-35-21-149

**Rochester****University of Rochester Program**

Program ID: 400-35-11-158

**Stony Brook****SUNY at Stony Brook Program**

Program ID: 400-35-21-159

**Syracuse****SUNY Health Science Center at Syracuse Program**

Program ID: 400-35-21-160

**Valhalla****New York Medical College (Metropolitan) Program**

Program ID: 400-35-11-148

**North Carolina****Durham****Duke University Program**

Program ID: 400-36-21-167

**Greenville****East Carolina University Program**

Program ID: 400-36-21-169

**Ohio****Cincinnati****University of Cincinnati Hospital Group Program**

Program ID: 400-38-21-173

**Cleveland****Case Western Reserve University (MetroHealth) Program**

Program ID: 400-38-21-240

**Case Western Reserve University Program**

Program ID: 400-38-21-174

**Cleveland Clinic Foundation Program**

Program ID: 400-38-22-175

**Dayton****Wright State University Program**

Program ID: 400-38-21-178

## Worthington

**Harding Hospital Program**  
Program ID: 400-38-31-182

## Oklahoma

### Tulsa

**University of Oklahoma College of Medicine-Tulsa Program**  
Program ID: 400-39-21-246

## Pennsylvania

### Norristown

**Norristown State Hospital Program**  
Program ID: 400-41-31-188

### Philadelphia

**Albert Einstein Medical Center Program**  
Program ID: 400-41-31-189

**MCPHU/Hahnemann University Hospital Program**  
Program ID: 400-41-21-191

**Pennsylvania Hospital Program**  
Program ID: 400-41-11-193

### Pittsburgh

**St Francis Medical Center Program**  
Program ID: 400-41-21-243

## Puerto Rico

### San Juan

**Puerto Rico Institute of Psychiatry Program**  
Program ID: 400-42-22-200

## Rhode Island

### Providence

**Brown University Program**  
Program ID: 400-43-21-203

## South Carolina

### Charleston

**Medical University of South Carolina Program**  
Program ID: 400-45-21-204

## South Dakota

### Sioux Falls

**University of South Dakota Program**  
Program ID: 400-46-21-260

## Tennessee

### Johnson City

**East Tennessee State University Program**  
Program ID: 400-47-21-258

## Texas

### Austin

**Austin State Hospital Program**  
Program ID: 400-48-12-209

### Galveston

**University of Texas Medical Branch Hospitals Program**  
Program ID: 400-48-11-212

### Houston

**Baylor College of Medicine Program**  
Program ID: 400-48-21-213

### San Antonio

**University of Texas Health Science Center at San Antonio Program**  
Program ID: 400-48-31-218

### Temple

**Texas A&M College of Medicine-Scott and White Program**  
Program ID: 400-48-21-276

## Utah

### Salt Lake City

**University of Utah Program**  
Program ID: 400-49-21-219

## West Virginia

### Charleston

**West Virginia University (Charleston Division) Program**  
Program ID: 400-55-21-264

### Morgantown

**West Virginia University Program**  
Program ID: 400-55-21-226

## Wisconsin

### Madison

**University of Wisconsin Program**  
Program ID: 400-56-21-228

### Milwaukee

**Medical College of Wisconsin Program**  
Program ID: 400-56-21-229

**University of Wisconsin (Milwaukee) Program**  
Program ID: 400-56-21-259

## Pulmonary Disease (Internal Medicine)

## Kentucky

### Lexington

**University of Kentucky Medical Center Program**  
Program ID: 149-20-21-172

## Nebraska

### Omaha

**Creighton University Program**  
Program ID: 149-30-21-154

## New York

### East Meadow

**SUNY at Stony Brook (East Meadow) Program**  
Program ID: 149-35-21-089

### New York

**Lenox Hill Hospital Program**  
Program ID: 149-35-11-181

## Pennsylvania

### Philadelphia

**University of Pennsylvania Program**  
Program ID: 149-41-21-022

## Texas

### Galveston

**University of Texas Medical Branch Hospitals Program**  
Program ID: 149-48-21-056

**Pulmonary Disease and Critical Care Medicine (Internal Medicine)**

**Massachusetts**

**Boston**

**St Elizabeth's Medical Center of Boston Program**

Program ID: 156-24-31-031

**Missouri**

**Kansas City**

**University of Missouri at Kansas City Program**

Program ID: 156-28-31-036

**New York**

**Valhalla**

**New York Medical College (St Vincent) Program**

Program ID: 156-35-11-052

**Ohio**

**Columbus**

**Ohio State University Program**

Program ID: 156-38-12-059

**Texas**

**Houston**

**Baylor College of Medicine Program**

Program ID: 156-48-21-084

**Radiation Oncology**

**Arizona**

**Tucson**

**University of Arizona Program**

Program ID: 430-03-11-003

**New York**

**Buffalo**

**SUNY at Buffalo Graduate Medical-Dental Education Consortium Program**

Program ID: 430-35-21-122

**Radiology-Diagnostic**

**Massachusetts**

**Boston**

**Boston University Program**

Program ID: 420-24-21-081

**Michigan**

**Detroit**

**Henry Ford Hospital Program**

Program ID: 420-25-11-093

**New Hampshire**

**Lebanon**

**Dartmouth-Hitchcock Medical Center Program**

Program ID: 420-32-11-113

**Pennsylvania**

**Philadelphia**

**Pennsylvania Hospital Program**

Program ID: 420-41-31-171

**Virginia**

**Richmond**

**Medical College of Virginia/Virginia Commonwealth University Program**

Program ID: 420-51-21-203

**Rheumatology (Internal Medicine)**

**California**

**Sacramento**

**University of California (Davis) Program**

Program ID: 150-05-21-066

**Stanford**

**Stanford University Program**

Program ID: 150-05-21-016

**Colorado**

**Denver**

**University of Colorado Program**

Program ID: 150-07-21-036

**District of Columbia**

**Washington**

**Georgetown University Program**

Program ID: 150-10-21-060

**Massachusetts**

**Worcester**

**University of Massachusetts Medical Center Program**

Program ID: 150-24-21-006

**Ohio**

**Cleveland**

**Case Western Reserve University Program**

Program ID: 150-38-21-115

**Texas**

**San Antonio**

**University of Texas Health Science Center at San Antonio Program**

Program ID: 150-48-21-041

**Wisconsin**

**Madison**

**University of Wisconsin Program**

Program ID: 150-56-21-087

**Selective Pathology**

**Massachusetts**

**Boston**

**Brigham and Women's Hospital Program**

Program ID: 301-24-11-003



## Texas

### Houston

University of Texas M. D. Anderson  
Cancer Center Program  
Program ID: 301-48-21-010

## Sports Medicine (Orthopaedic Surgery)

## Indiana

### Indianapolis

Methodist Hospital of Indiana Program  
Program ID: 268-17-21-003

## Louisiana

### New Orleans

Louisiana State University Program  
Program ID: 268-21-31-002

## New York

### West Point

Keller Army Community Hospital Program  
Program ID: 268-35-21-055

## Surgery-General

## Connecticut

### Bridgeport

Bridgeport Hospital Program  
Program ID: 440-08-21-059

## Illinois

### North Chicago

Finch University of Health  
Sciences/Chicago Medical School  
Program  
Program ID: 440-16-21-385

## Iowa

### Iowa City

University of Iowa Hospitals and Clinics  
Program  
Program ID: 440-18-21-107

## Michigan

### Grand Rapids

Butterworth Hospital/Michigan State  
University Program  
Program ID: 440-25-31-153

## Nevada

### Reno

University of Nevada Program  
Program ID: 440-31-21-378

## Tennessee

### Nashville

Vanderbilt University Program  
Program ID: 440-47-21-327

## Thoracic Surgery

## Louisiana

### New Orleans

Alton Ochsner Medical Foundation  
Program  
Program ID: 460-21-21-036

## New York

### Syracuse

SUNY Health Science Center at Syracuse  
Program  
Program ID: 460-35-21-068

## Transitional Year

## Illinois

### Oak Park

West Suburban Hospital Medical Center  
Program  
Program ID: 999-16-00-154

## Indiana

### Fort Wayne

Fort Wayne Medical Education Program  
Program ID: 999-17-00-215

### Indianapolis

Methodist Hospital of Indiana Program  
Program ID: 999-17-00-040

## Massachusetts

### Boston

Carney Hospital/Boston University  
Program  
Program ID: 999-24-00-159

### Malden

Malden Hospital/Boston University  
Program  
Program ID: 999-24-00-161

## Michigan

### Lansing

Sparrow Hospital/Michigan State  
University Program  
Program ID: 999-25-00-066

## Missouri

### St Louis

Deaconess Hospital Program  
Program ID: 999-28-00-179

## New York

### Binghamton

Wilson Memorial Regional Medical  
Center (United Health Services) Program  
Program ID: 999-35-00-081

### Cooperstown

Mary Imogene Bassett Hospital Program  
Program ID: 999-35-00-080

### Valhalla

New York Medical College at St  
Vincent's Hospital and Medical Center of  
New York Program  
Program ID: 999-35-00-083

## Ohio

### Columbus

Riverside Methodist Hospitals Program  
Program ID: 999-38-00-095

### Dayton (Kettering)

Kettering Medical Center Program  
Program ID: 999-38-00-096

## Oklahoma

### Oklahoma City

University of Oklahoma Health Sciences  
Center Program

Program ID: 999-39-00-100

## Pennsylvania

### Allentown

Lehigh Valley Hospital/Pennsylvania  
State University Program

Program ID: 999-41-00-103

### Johnstown

Conemaugh Valley Memorial Hospital  
Program

Program ID: 999-41-00-108

### Philadelphia

Albert Einstein Medical Center Program

Program ID: 999-41-00-224

### Pittsburgh

St Francis Medical Center Program

Program ID: 999-41-00-116

University Health Center of Pittsburgh  
Program

Program ID: 999-41-00-115

### Reading

Reading Hospital and Medical Center  
Program

Program ID: 999-41-00-119

## South Dakota

### Sioux Falls

University of South Dakota Program

Program ID: 999-46-00-230

## Washington

### Seattle

Virginia Mason Medical Center Program

Program ID: 999-54-00-144

## West Virginia

### Huntington

Marshall University School of Medicine  
Program

Program ID: 999-55-00-194

## Wisconsin

### La Crosse

Gundersen Medical Foundation-La  
Crosse Lutheran Hospital Program

Program ID: 999-56-00-147

## Urology

## Indiana

### Indianapolis

Indiana University Medical Center  
Program

Program ID: 480-17-21-051

## Louisiana

### Shreveport

Louisiana State University (Shreveport)  
Program

Program ID: 480-21-21-059

## Michigan

### Ann Arbor

University of Michigan Program

Program ID: 480-25-21-066

## Vascular and Interventional Radiology (Radiology-Diagnostic)

## Indiana

### Indianapolis

Methodist Hospital of Indiana Program

Program ID: 427-17-21-037

## Utah

### Salt Lake City

University of Utah Program

Program ID: 427-49-21-045

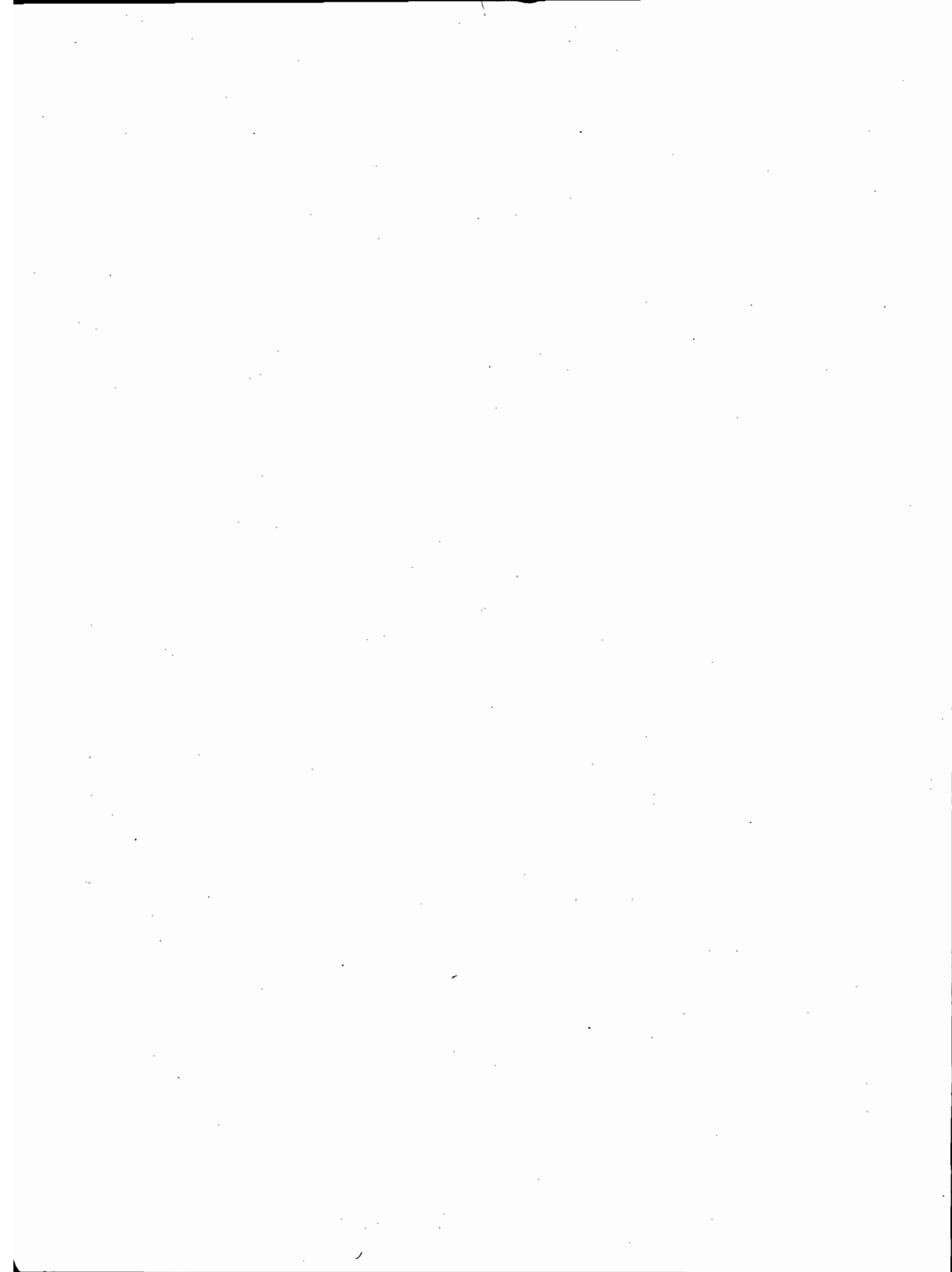
## Vascular Surgery (Surgery-General)

## Iowa

### Iowa City

University of Iowa Hospitals and Clinics  
Program

Program ID: 450-18-21-048



# Appendix E

## Medical Schools in the United States

### Alabama

- 00102 University of Alabama School of Medicine  
Birmingham, AL 35294
- 00106 University of South Alabama College of  
Medicine  
Mobile, AL 37788

### Arizona

- 00301 University of Arizona College of Medicine  
Tucson, AZ 85724

### Arkansas

- 00401 University of Arkansas College of Medicine  
Little Rock, AR 77205

### California

- 00502 University of California, San Francisco  
School of Medicine  
San Francisco, CA 94143
- 00506 University of Southern California School  
of Medicine  
Los Angeles, CA 90033
- 00511 Stanford University School of Medicine  
Palo Alto, CA 94305
- 00512 Loma Linda University School of Medicine  
Loma Linda, CA 92350
- 00514 University of California, Los Angeles  
School of Medicine  
Los Angeles, CA 90024
- 00515 University of California, California College  
of Medicine  
Irvine, CA 92717
- 00518 University of California, San Diego School  
of Medicine  
La Jolla, CA 92093
- 00519 University of California, Davis School of  
Medicine  
Davis, CA 95616

### Colorado

- 00702 University of Colorado School of Medicine  
Denver, CO 80262

### Connecticut

- 00801 Yale University School of Medicine  
New Haven, CT 06510
- 00802 University of Connecticut School of Medicine  
Farmington, CT 06032

### District of Columbia

- 01001 George Washington University School of  
Medicine  
Washington, DC 20037
- 01002 Georgetown University School of Medicine  
Washington, DC 20007
- 01003 Howard University College of Medicine  
Washington, DC 20059

### Florida

- 01102 University of Miami School of Medicine  
Miami, FL 33101
- 01103 University of Florida College of Medicine  
Gainesville, FL 32610
- 01104 University of South Florida College of  
Medicine  
Tampa, FL 33612

### Georgia

- 01201 Medical College of Georgia  
Augusta, GA 30912
- 01205 Emory University School of Medicine  
Atlanta, GA 30322
- 01221 Morehouse School of Medicine  
Atlanta, GA 30314
- 01222 Mercer University School of Medicine  
Macon, GA 31207

### Hawaii

- 01401 University of Hawaii John A Burns School  
of Medicine  
Honolulu, HI 96822

### Illinois

- 01601 Rush Medical College of Rush University  
Chicago, IL 60612
- 01602 University of Chicago, Pritzker School of  
Medicine  
Chicago, IL 60637
- 01606 Northwestern University Medical School  
Chicago, IL 60611
- 01611 University of Illinois College of Medicine  
Chicago, IL 60612
- 01642 Finch University of Health Sciences/The  
Chicago Medical School  
North Chicago, IL 60064
- 01643 Loyola University of Chicago, Stritch  
School of Medicine  
Maywood, IL 60153
- 01645 Southern Illinois University School of  
Medicine  
Springfield, IL 62708

### Indiana

- 01720 Indiana University School of Medicine  
Indianapolis, IN 46223

### Iowa

- 01803 University of Iowa College of Medicine  
Iowa City, IA 52242

### Kansas

- 01902 University of Kansas School of Medicine  
Kansas City, KS 66103

### Kentucky

- 02002 University of Louisville School of Medicine  
Louisville, KY 40292
- 02012 University of Kentucky College of Medicine  
Lexington, KY 40536

### Louisiana

- 02101 Tulane University School of Medicine  
New Orleans, LA 70112
- 02105 Louisiana State University School of  
Medicine in New Orleans  
New Orleans, LA 70112
- 02106 Louisiana State University School of  
Medicine in Shreveport  
Shreveport, LA 71130

### Maryland

- 02301 University of Maryland School of Medicine  
Baltimore, MD 21201
- 02307 Johns Hopkins University School of  
Medicine  
Baltimore, MD 21205
- 02312 Uniformed Services University of the  
Health Sciences, F Edward Hebert  
School of Medicine  
Bethesda, MD 20014

### Massachusetts

- 02401 Harvard Medical School  
Boston, MA 02115
- 02405 Boston University School of Medicine  
Boston, MA 02118
- 02407 Tufts University School of Medicine  
Boston, MA 02111
- 02416 University of Massachusetts Medical  
School  
Worcester, MA 01605

### Michigan

- 02501 University of Michigan Medical School  
Ann Arbor, MI 48109

- 02507 Wayne State University School of Medicine  
Detroit, MI 48201
- 02512 Michigan State University College of  
Human Medicine  
East Lansing, MI 48824

## Minnesota

- 02604 University of Minnesota Medical School  
Minneapolis, MN 55455
- 02607 University of Minnesota, Duluth School of  
Medicine  
Duluth, MN 55812
- 02608 Mayo Medical School  
Rochester, MN 55905

## Mississippi

- 02701 University of Mississippi School of  
Medicine  
Jackson, MS 39216

## Missouri

- 02802 Washington University School of Medicine  
St Louis, MO 63110
- 02803 University of Missouri, Columbia School of  
Medicine  
Columbia, MO 65212
- 02834 Saint Louis University School of Medicine  
St Louis, MO 63104
- 02846 University of Missouri, Kansas City School  
of Medicine  
Kansas City, MO 64108

## Nebraska

- 03005 University of Nebraska College of Medicine  
Omaha, NE 68105
- 03006 Creighton University School of Medicine  
Omaha, NE 68178

## Nevada

- 03101 University of Nevada School of Medicine  
Reno, NV 89557

## New Hampshire

- 03201 Dartmouth Medical School  
Hanover, NH 03756

## New Jersey

- 03305 UMDNJ-New Jersey Medical School  
Newark, NJ 07103
- 03306 UMDNJ-Robert Wood Johnson Medical  
School  
Piscataway, NJ 08854

## New Mexico

- 03401 University of New Mexico School of  
Medicine  
Albuquerque, NM 87131

## New York

- 03501 Columbia University College of Physicians  
and Surgeons  
New York, NY 10032
- 03503 Albany Medical College of Union University  
Albany, NY 12208
- 03506 State University of New York at Buffalo  
School of Medicine  
Buffalo, NY 14214
- 03508 State University of New York Health  
Science Center at Brooklyn College of  
Medicine  
Brooklyn, NY 12203
- 03509 New York Medical College  
Valhalla, NY 10595
- 03515 State University of New York Health  
Science Center at Syracuse College of  
Medicine  
Syracuse, NY 13210
- 03519 New York University School of Medicine  
New York, NY 10016
- 03520 Cornell University Medical College  
New York, NY 10021
- 03545 University of Rochester School of Medicine  
and Dentistry  
Rochester, NY 14642
- 03546 Albert Einstein College of Medicine of  
Yeshiva University  
New York, NY 10461
- 03547 Mount Sinai School of Medicine of City  
University of New York  
New York, NY 10029
- 03548 State University of New York at Stony  
Brook, School of Medicine  
Stony Brook, NY 11794

## North Carolina

- 03601 University of North Carolina at Chapel Hill  
School of Medicine  
Chapel Hill, NC 27514
- 03605 Bowman Gray School of Medicine of Wake  
Forest University  
Winston-Salem, NC 27103
- 03607 Duke University School of Medicine  
Durham, NC 27710
- 03608 East Carolina University School of  
Medicine  
Greenville, NC 27834

## North Dakota

- 03701 University of North Dakota School of  
Medicine  
Grand Forks, ND 58202

## Ohio

- 03806 Case Western Reserve University School of  
Medicine  
Cleveland, OH 44206
- 03840 Ohio State University College of Medicine  
Columbus, OH 43210
- 03841 University of Cincinnati College of  
Medicine  
Cincinnati, OH 45267
- 03843 Medical College of Ohio at Toledo  
Toledo, OH 43699
- 03844 Northeastern Ohio Universities College of  
Medicine  
Rootstown, OH 44272
- 03845 Wright State University School of Medicine  
Dayton, OH 45401

## Oklahoma

- 03901 University of Oklahoma College of Medicine  
Oklahoma City, OK 73190

## Oregon

- 04002 Oregon Health Sciences University School  
of Medicine  
Portland, OR 97201

## Pennsylvania

- 04101 University of Pennsylvania School of  
Medicine  
Philadelphia, PA 19104
- 04102 Jefferson Medical College of Thomas  
Jefferson University  
Philadelphia, PA 19107
- 04107 Medical College of Pennsylvania  
Philadelphia, PA 19129
- 04109 Hahnemann University College of Medicine  
Philadelphia, PA 19102
- 04112 University of Pittsburgh School of Medicine  
Pittsburgh, PA 15261
- 04113 Temple University School of Medicine  
Philadelphia, PA 19140
- 04114 Pennsylvania State University College of  
Medicine  
Hershey, PA 17033

## Puerto Rico

- 04201 University of Puerto Rico School of  
Medicine  
San Juan, PR 00936
- 04202 Ponce School of Medicine  
Ponce, PR 00732
- 04203 Universidad Central del Caribe Escuela de  
Medicina  
Cayey, PR 00633

## Rhode Island

- 04301 Brown University Program in Medicine  
Providence, RI 02912

## South Carolina

- 04501 Medical University of South Carolina  
College of Medicine  
Charleston, SC 29425
- 04504 University of South Carolina School of  
Medicine  
Columbia, SC 29208

## South Dakota

- 04601 University of South Dakota School of  
Medicine  
Vermillion, SD 57069

## Tennessee

- 04705 Vanderbilt University School of Medicine  
Nashville, TN 37232
- 04706 University of Tennessee College of  
Medicine  
Memphis, TN 38163
- 04707 Meharry Medical College School of  
Medicine  
Nashville, TN 37208
- 04720 East Tennessee State University,  
James H Quillen College of Medicine  
Johnson City, TN 37614

## Texas

- 04802 University of Texas Medical Branch at  
Galveston  
Galveston, TX 77550
- 04804 Baylor College of Medicine  
Houston, TX 77030
- 04812 University of Texas Southwestern Medical  
School at Dallas  
Dallas, TX 75235
- 04813 University of Texas Medical School at San  
Antonio  
San Antonio, TX 78284
- 04814 University of Texas Medical School at  
Houston  
Houston, TX 77225
- 04815 Texas Tech University Health Science  
Center School of Medicine  
Lubbock, TX 79430
- 04816 Texas A & M University College of Medicine  
College Station, TX 77843

## Utah

- 04901 University of Utah School of Medicine  
Salt Lake City, UT 84132

## Vermont

- 05002 University of Vermont College of Medicine  
Burlington, VT

## Virginia

- 05101 University of Virginia School of Medicine  
Charlottesville, VA 22908
- 05104 Virginia Commonwealth University, Medical  
College of Virginia  
Richmond, VA 23298
- 05107 Eastern Virginia Medical School of the  
Medical College of Hampton Roads  
Norfolk, VA 23501

## Washington

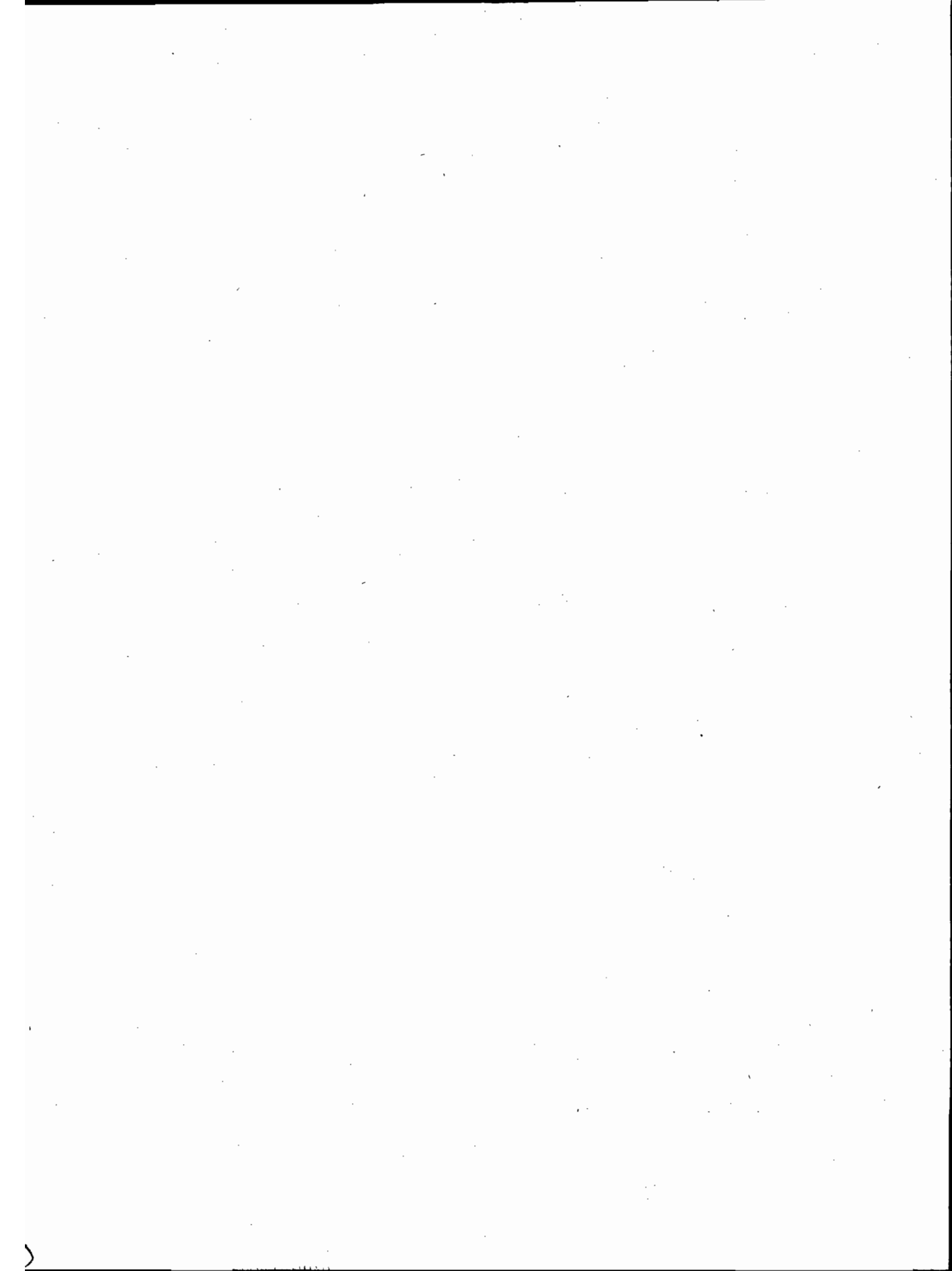
- 05404 University of Washington School of Medicine  
Seattle, WA 98195

## West Virginia

- 05501 West Virginia University School of Medicine  
Morgantown, WV 26506
- 05502 Marshall University School of Medicine  
Huntington, WV 25701

## Wisconsin

- 05605 University of Wisconsin Medical School  
Madison, WI 53706
- 05606 Medical College of Wisconsin  
Milwaukee, WI 53226



# Appendix F

## Abbreviations

### Medical School Affiliation Codes

M	Major
L	Limited
G	Graduate

### Specialty and Subspecialty Codes for ACGME-Accredited Programs

AI	Allergy and Immunology
ALI	Clinical and Laboratory Immunology (Allergy and Immunology)
AM	Preventive Medicine-Aerospace Medicine*
AN	Anesthesiology
APM	Pain Management (Anesthesiology)
BBK	Blood Banking/Transfusion Medicine (Pathology-Anatomic and Clinical)
CCA	Critical Care Medicine (Anesthesiology)
CCM	Critical Care Medicine (Internal Medicine)
CCP	Critical Care Medicine (Pediatrics)
CCS	Surgical Critical Care (Surgery-General)
CD	Cardiovascular Disease (Internal Medicine)
CHN	Child Neurology (Neurology)
CHP	Child and Adolescent Psychiatry (Psychiatry)
CRS	Colon and Rectal Surgery
D	Dermatology
DMP	Dermatopathology (Dermatology and Pathology)
DR	Radiology-Diagnostic
EM	Emergency Medicine
END	Endocrinology, Diabetes, and Metabolism (Internal Medicine)
FOP	Forensic Pathology (Pathology-Anatomic and Clinical)
FP	Family Practice
FPG	Geriatric Medicine (Family Practice)
GE	Gastroenterology (Internal Medicine)
GPM	Preventive Medicine-General
GS	Surgery-General
HEM	Hematology (Internal Medicine)
HMP	Hematology (Pathology-Anatomic and Clinical)
HO	Hematology and Oncology (Internal Medicine)
HSO	Hand Surgery (Orthopaedic Surgery)
HSP	Hand Surgery (Plastic Surgery)
HSS	Hand Surgery (Surgery-General)
ID	Infectious Disease (Internal Medicine)
IM	Internal Medicine
IMG	Geriatric Medicine (Internal Medicine)
MM	Medical Microbiology (Pathology-Anatomic and Clinical)
MPH	Preventive Medicine-Public Health and General Preventive Medicine*
N	Neurology
NEP	Nephrology (Internal Medicine)
NM	Nuclear Medicine
NP	Neuropathology (Pathology-Anatomic and Clinical)
NPM	Neonatal-Perinatal Medicine (Pediatrics)
NR	Nuclear Radiology (Radiology-Diagnostic)
NS	Neurological Surgery
OAR	Adult Reconstructive Orthopaedics (Orthopaedic Surgery)
OBG	Obstetrics and Gynecology

OM	Preventive Medicine-Occupational Medicine*
OMO	Musculoskeletal Oncology (Orthopaedic Surgery)
ON	Oncology (Internal Medicine)
OP	Pediatric Orthopaedics (Orthopaedic Surgery)
OPH	Ophthalmology
ORS	Orthopaedic Surgery
OSM	Orthopaedic Sports Medicine (Orthopaedic Surgery)
OSS	Orthopaedic Surgery of the Spine (Orthopaedic Surgery)
OTO	Otolaryngology
OTR	Orthopaedic Trauma (Orthopaedic Surgery)
P	Psychiatry
PCC	Pulmonary Disease and Critical Care Medicine (Internal Medicine)
PCH	Chemical Pathology (Pathology-Anatomic and Clinical)
PCP	Cytopathology (Pathology-Anatomic and Clinical)
PD	Pediatrics
PDC	Pediatric Cardiology (Pediatrics)
PDE	Pediatric Endocrinology (Pediatrics)
PDP	Pediatric Pulmonology (Pediatrics)
PDR	Pediatric Radiology (Radiology-Diagnostic)
PDS	Pediatric Surgery (Surgery-General)
PG	Pediatric Gastroenterology (Pediatrics)
PH	Preventive Medicine-Public Health*
PHO	Pediatric Hematology/Oncology (Pediatrics)
PIP	Immunopathology (Pathology-Anatomic and Clinical)
PM	Physical Medicine and Rehabilitation
PN	Pediatric Nephrology (Pediatrics)
PS	Plastic Surgery
PTH	Pathology-Anatomic and Clinical
PUD	Pulmonary Disease (Internal Medicine)
RHU	Rheumatology (Internal Medicine)
RNR	Neuroradiology (Radiology-Diagnostic)
RO	Radiation Oncology
SP	Selective Pathology (Pathology-Anatomic and Clinical)
TS	Thoracic Surgery
TY	Transitional Year
U	Urology
UP	Pediatric Urology (Urology)
VIR	Vascular and Interventional Radiology (Radiology-Diagnostic)
VS	Vascular Surgery (Surgery-General)

### Specialty Codes for Non-ACGME-Accredited Programs

CPP	Pediatrics/Psychiatry/Child and Adolescent Psychiatry
EMP	Pediatrics/Emergency Medicine
MN	Internal Medicine/Neurology
MEM	Internal Medicine/Emergency Medicine
MP	Internal Medicine/Psychiatry
MPD	Internal Medicine/Pediatrics
MPM	Internal Medicine/Physical Medicine and Rehabilitation
NPR	Neurology/Physical Medicine and Rehabilitation
PMP	Pediatrics/Physical Medicine and Rehabilitation
PYN	Psychiatry/Neurology
SPS	Surgery/Plastic Surgery

\* Areas of specialization in preventive medicine; not accredited subspecialties.