

CLINICAL CHEMISTRY AND LABORATORY MEDICINE FELLOWSHIP

PROGRAM OVERVIEW

The goal of the postdoctoral program in clinical chemistry at the University of Virginia is to prepare fellows for careers that combine academic and clinical pursuits, including service, teaching and research. The program length is three years in most cases, to allow sufficient time for in-depth training in the broad area of clinical chemistry, molecular diagnostics and laboratory medicine as well as time to develop an area of research.

The first year is focused on in-depth study of laboratory medicine, including the areas of clinical chemistry, toxicology, therapeutic drug monitoring, molecular diagnostics, biochemical genetics, laboratory computing, immunological testing, evidence-based laboratory medicine and point-of-care testing. Additional time in hematology, coagulation and microbiology prepares fellows who wish to be equipped to direct a core laboratory. Fellows are integrated into laboratory rotations with pathology residents and work with residents and attendings in clinical departments, notably in the Divisions of Endocrinology and Infectious Disease in the Department of Internal Medicine and in the Department of Emergency Medicine.

A key component of the program is a period of clinical, translational or fundamental research during the second and third years of the program with a member of the Department of Pathology. Trainees in the research year or years continue to attend call conference and selected laboratory medicine conferences relevant to their interests and continue to have clinical responsibilities when on call.

REQUIREMENTS

The program is intended for Ph.D applicants, but medically trained applicants who meet the criteria will also be considered for the program. Medically trained foreign graduates must be ECFMG certified at the time of application to be considered eligible.

Number of positions: 1

Applications: Universal application form; full curriculum vitae; three letters of recommendation from faculty who can comment on your academic performance and personal characteristics; personal statement; school transcript; visa status (if applicable).

Stipend: Commensurate with graduate experience.

Contacts : David Bruns M.D., FACB • Email – dbruns@virginia.edu
Doris M. Haverstick, Ph.D. • Email - dmh2t@virginia.edu

CYTOPATHOLOGY FELLOWSHIP

PROGRAM OVERVIEW

The ACGME accredited Cytopathology fellowship centers around patient care responsibilities leading to excellence in the field of cytopathology. In addition to service responsibilities, cytopathology fellows assist in the overall training of residents in cytopathology, particularly during microscopic signout sessions and in the performance and interpretation of fine needle aspiration specimens.

During the one year fellowship, the individual microscopically evaluates abnormal Pap tests, body cavity fluid specimens, and fine needle aspiration specimens prior to their sign-out by the attending cytopathologist. Fellows are initially trained in the performance of FNAB, and after competence is obtained, perform the technique independently. Fellows also support the rapid on site evaluation service for radiology, endoscopy, and bronchoscopy. As diagnostic skills are obtained, fellows are allowed to give preliminary FNA results to clinicians prior to their showing the cases to faculty. The fellow spends 20% of his/her time on the surgical pathology consult service. This is to hone the fellow's surgical pathology skills as we believe excellence in surgical pathology facilitates mastery of cytopathology. The practical learning is enhanced with didactic lectures (given by faculty and fellows), journal clubs, unknown cases, online teaching modules, and hands on experience in the HPV and cytology preparatory laboratories. Numerous opportunities in departmental research activities are available; involvement in research activities is encouraged but is not mandatory. The goal is for the fellows to finish the year with a strong grasp of diagnostics, laboratory management, and federal regulations involved in managing an academic or community hospital based cytopathology laboratory.

REQUIREMENTS

Applicants must have an MD degree (or foreign equivalent with ECFMG certification) and be board eligible or certified in anatomic and clinical pathology.

Number of positions: 2

Stipend: Commensurate with the candidate's postgraduate training in pathology.

Applications: Complete applications (cover letter, curriculum vitae, and three letters of recommendation) should be received by February 1st of the prior year and addressed to:

Kristen Atkins, MD. , Department of Pathology, University of Virginia Health System, 1215 Lee Street, P.O. Box 800214, Charlottesville, VA 22908-0214.

Email: kaa2p@virginia.edu

DERMATOPATHOLOGY FELLOWSHIP

PROGRAM OVERVIEW

The fellowship in Dermatopathology at the University of Virginia Medical Center is a one year program, that is primarily designed to prepare individuals for academic careers. The ACGME accredited program meets the requirements for training in dermatopathology, and includes a six month rotation in dermatopathology, and six months in clinical dermatology (for pathology-trained fellows) or in surgical pathology (for dermatology-trained fellows). However, dermatopathology experience continues during these clinical dermatology/surgical pathology rotations. Under special circumstances, a second training year can be arranged. This year offers extensive practical experience in diagnostic dermatopathology, and provides time for the fellow to pursue a research project in depth. Considerable latitude is granted in the selection of research projects.

The dermatopathology service currently includes about 11,000 cases per year. Approximately 9,000 cases are primarily generated from within the institution or the surrounding community and another 2,000 cases represent consultation material. There is also a busy diagnostic immunofluorescence service. Fellows review these cases, determine diagnoses, and then sign them out with the Program Director or other faculty.

There are two weekly dermatopathology teaching conferences, including an unknown slide session and a didactic conference that is part of a lecture series covering the entire spectrum of dermatopathology. Other dermatopathology-related conferences include semi-monthly Dermatology Grand Rounds, and a weekly melanoma (tumor board-style) conference. Numerous other pathology and dermatology conferences are held throughout the year.

REQUIREMENTS

Applicants must have an MD degree (or foreign equivalent with ECFMG certification) and be board eligible or certified in AP, AP/CP or Dermatology.

Universal application form, full curriculum vitae, three letters of recommendation from individuals involved in your surgical pathology or dermatology training, personal statement.

Number of positions: 3

Stipend: Commensurate with the candidate's postgraduate training in pathology or dermatology.

Applications: Interested candidates should submit a Universal application form, curriculum vitae, three letters of recommendation and, personal statement by October 31st, up to 18 months prior to:
James W. Patterson, M.D., Department of Pathology, University of Virginia Health System, P.O. Box 800214
Charlottesville, VA, 22908-0214.

Email: basian@virginia.edu

GYNECOLOGIC PATHOLOGY FELLOWSHIP

PROGRAM OVERVIEW

This post-residency fellowship emphasizes gynecologic pathology in the context of general surgical pathology. This one year experience will provide in-depth exposure to consultation, referral and routine diagnostic material. In addition, the fellow will actively participate in clinical conferences, teach residents and be expected to participate in ongoing translational research utilizing the outstanding faculty and resources of the University of Virginia.

REQUIREMENTS

Applicants should be Board certified or eligible in AP or AP/CP.

Facilities: The Department of Pathology provides an extensive training resource based on annual accessions (including extramural consultations) of over 27,000 surgicals and over 30,000 cytologies, including approximately 1,200 fine needle aspirations. More than 5,000 surgical specimens are in the area of gynecologic pathology. Excellent intradepartmental laboratories including immunohistochemistry, molecular biology, tissue procurement and others provide all the necessary support for research productivity.

Number of positions: 1

Stipend: Commensurate with the candidate's postgraduate training in pathology.

Applications: Complete applications (cover letter, curriculum vitae, and three letters of recommendation) should be received by February 1st of the prior year and addressed to:

Mark H. Stoler, MD, Professor, Associate Director of Surgical Pathology and Cytopathology, Department of Pathology, University of Virginia Health System, P.O. Box 800214, Charlottesville, VA 22908-0214.

Phone - (434) 982-0284 • **Fax** - (434) 924-9492 • **E-mail** - mhs2e@virginia.edu

HEMATOPATHOLOGY FELLOWSHIP

PROGRAM OVERVIEW

The Department of Pathology at the University of Virginia Health System offers one fellowship position in Hematopathology. The fellowship includes one year of training in diagnostic Hematopathology, which is ACGME accredited, and an optional second year of research for those candidates with a documented background in research. The first year is designed to offer the trainee an extensive exposure to all aspects of diagnostic Hematopathology, including lymph node and bone marrow pathology, immunohistochemistry, flow cytometry, molecular genetics, cytogenetics, general hematology and coagulation. The second year is primarily devoted to a research project in the field of hemopoietic or lymphoid disorders under the supervision of a senior faculty member.

REQUIREMENTS

Applicants must have an MD degree (or foreign equivalent with ECFMG certification) and be board eligible or certified in anatomic and clinical pathology.

Number of positions: 1

Stipend: Commensurate with the candidate's postgraduate training in pathology.

Applications: Interested applicants should submit a letter of interest, curriculum vitae and three letters of recommendation by December of the prior year to:

John B. Cousar, M.D., Department of Pathology, University of Virginia Health System, P.O. Box 800214
Charlottesville, VA, 22908-0214.

E-mail: jcousar@Virginia.EDU

NEUROPATHOLOGY FELLOWSHIP

PROGRAM OVERVIEW

The overall goal of the Neuropathology fellowship is to provide flexible, full-time educational training in both diagnostic and experimental neuropathology. The program encompasses the varied aspects of modern neuropathology, with an emphasis on academic neuropathology. The training program is configured in a two-year format, but a three-year program is offered for trainees who specifically desire additional training in advanced diagnostic and/or research techniques. It is the intent and expectation of the program that all trainees will successfully pursue American Board of Pathology certification in Neuropathology.

The Division of Neuropathology is composed of three full-time neuropathologists, one full-time research investigator and one research instructor. The variety of pathologic entities seen at the University of Virginia are extensive and include the areas of neuro-oncology, pituitary pathology, neurodegenerative disorders, infections, metabolic, cerebro-vascular, and immunological CNS diseases, neuromuscular, and eye pathology. This reflects the tertiary nature of the UVA Medical Center and the activity and quality of the Neurology and Neurosurgery services. In addition, materials are examined from in-house and external consultations referred by the Neuro-Oncology Center. Strong emphasis is placed on the application of special histochemical stains, immunohistochemistry, and in-situ hybridization in the comprehensive evaluation of tumor specimens.

REQUIREMENTS

Applicants must have an MD degree (or foreign equivalent with ECFMG certification) and be board eligible or certified in AP or AP/CP.

Number of positions: 2

Stipend: Commensurate with the candidate's postgraduate training in pathology.

Applications: Interested candidates should submit Universal application form, curriculum vitae, three letters of recommendation and, personal statement by December of the prior year to:

M. Beatriz S. Lopes, M.D., Ph.D., Department of Pathology, University of Virginia Health System, P.O. Box 800214 Charlottesville, VA, 22908-0214.

Email: basian@Virginia.EDU • **Phone:** (434) 982-1018

TRANSFUSION MEDICINE FELLOWSHIP

PROGRAM OVERVIEW

This ACGME accredited fellowship is intended for physicians who wish to acquire specialized experience and knowledge in each of the areas of blood banking and transfusion medicine. The Fellowship includes opportunities to participate in hematopoietic stem cell collection and processing, clinical coagulation, tissue typing, flow cytometry, apheresis, diagnostic molecular pathology, and informatics. There is an active clinical consultative service in transfusion medicine. The fellow is involved in quality assessment and improvement activities, and in teaching physicians, students and staff. The fellow has the opportunity to initiate research which could extend the fellowship beyond the traditional one-year period. The fellow participates in developing policies and procedures, and leads the daily report attended by all the physicians, medical students and supervisors involved with the service. There is an opportunity to spend time at Virginia Blood Services, which supplies about 40,000 products annually to the University Hospital, where there are active solid organ and stem cell transplantation programs and a Level 1 trauma center. The Fellowship has a proven record of preparing participants for a career in transfusion medicine.

REQUIREMENTS

The applicant should have successfully completed a residency in pathology or a clinical discipline. The candidate must hold a license or be eligible for licensure to practice medicine in the Commonwealth of Virginia. Foreign medical graduates must be ECFMG certified.

Number of positions: 1

Stipend: Commensurate with the candidate's postgraduate training in pathology or a clinical discipline.

Applications: Interested candidates should submit Universal application form, curriculum vitae, three letters of recommendation and, personal statement by December of the prior year to:

Pamela Clark, MD, JD, Associate Director, Blood Bank and Transfusion Services, University of Virginia Blood Bank, P.O. Box 800168, Charlottesville, VA 22908-0168

Email: basian@Virginia.EDU • **Phone:** (434) 982-1018