HOUSTON METHODIST HOSPITAL

Description: Houston Methodist Hospital, Department of Pathology and Genomic Medicine, in Houston Texas, an affiliate of Weill Cornell Medical College, offers ACGME-accredited training in combined anatomic and clinical pathology (AP/CP), in anatomic pathology (AP only) and in clinical pathology (CP only). Residents are encouraged through graduated responsibility under supervision to develop skills that will allow them to practice competently and independently upon completion of their training. The training program is centered at the largest private academic tertiary care hospital in the Texas Medical Center (TMC). Rotations in other institutions at TMC supplement the educational experience (UT-Houston, UT M.D. Anderson Cancer Center, the Harris County Institute of Forensic Sciences, the University of Texas Medical Branch (UTMB) in Galveston, TX, Texas Children's Hospital, and Baylor College of Medicine). Investigative opportunities are provided and encouraged, with residents expected to participate in scholarly activities leading to publication. A formal Methodist Pathology Resident Research Program (MPRRP) is also available. The primary goal of the MPRRP program is to prepare clinician-scientists for highly productive careers in academic medicine through an intensely mentored research experience. Support for the MPRRP is available for up to 3 years after core residency requirements, with Houston Methodist Pathology, are complete.

The teaching faculty of Houston Methodist Pathology are internationally renowned with expertise in major subspecialty areas of both anatomic pathology and clinical pathology. Anatomic pathology areas of expertise include multi-organ transplantation, soft tissue and bone pathology, gastrointestinal pathology, dermatopathology, head and neck pathology, cytopathology, renal pathology, genitourinary pathology, pulmonary pathology, ophthalmic pathology, neuropathology (neurodegenerative, forensic and neoplastic), placental and fetal pathology, cardiovascular pathology, autopsy pathology, forensic pathology (Harris County Institute of Forensic Sciences) and immunohistochemistry. Expertise in clinical pathology subspecialties includes clinical chemistry, core laboratory services, immunology, serology, hematopathology (bone marrow and lymph node interpretation and including flow cytometry), molecular diagnostics, microbiology (bacteriology, mycology, virology, mycobacteriology and parasitology), specialized ophthalmic microbiology service; transfusion medicine (donor services, transfusion service, therapeutic apheresis, peripheral blood progenitor cell harvesting), coagulation , histocompatibility and transplant immunology (HLA), and cytogenetics. Management training is provided during all rotations and focuses on economic, regulatory, operational and administrative aspects of pathology practice. Clinical pathology consultation is provided within each rotation and on-call 24/7 under the supervision of faculty.

Senior residents are expected to mentor and teach junior residents in pathology. Residents are expected to participate in intradepartmental conferences, tumor boards, and hospital and citywide interdisciplinary conferences. Didactic teaching conferences in both anatomic and clinical pathology are provided as well as microscopic tutorials. In addition the Department of Pathology and Genomic Medicine offers a monthly Grand Rounds conference, of which residents and fellows are invited to attend.

Types and Numbers of Appointments: Twenty (20) residency positions are offered, to include an average of five (5) PGY1 positions offered annually through the NRMP Matching Program. Seventeen (17) subspecialty fellowship positions in ACGME-accredited programs are offered in the areas of: Cytopathology (2), Hematopathology (2), Selective Hematopathology (2), Histocompatibility and Transplant Immunology (HLA) (1), Molecular Genetic Pathology (1), Neuropathology (2), Ophthalmic Pathology (1), Surgical Pathology (5), and Transfusion Medicine (1). In addition we also offer two (2) subspecialty fellowship positions in non-ACGME accredited programs in the areas of: Clinical Chemistry (1), and Histocompatibility & Transplant Immunology (HLA) (1). **See subspecialty fellowship descriptions in subspecialty area(s) of book.**

Facilities: Houston Methodist Hospital, a 950-bed academic tertiary care hospital, listed as one of the top 50 hospitals in seventeen (17) specialties by U.S. News and World Report, is the primary training site for the pathology residency programs. The following are affiliated hospitals and training sites: University of Texas – Houston (Memorial Hermann Hospital (Adult and Pediatric), UT M.D. Anderson Cancer Center, Harris County Institute of Forensic Sciences, UTMB-University of Texas Medical Branch, Galveston, Texas Children's Hospital, and Baylor College of Medicine.

A diverse case load and case volume of approximately 32,000 surgical pathology accessions, 40,000 cytopathology specimens, 125 autopsies, and 2,500,000 clinical pathology accessions are performed at Houston Methodist Hospital annually. Facilities include state of the art microscopes, an 18-headed teaching microscope with video setup, telepathology, on-line medical records and radiologic studies, internet access, molecular diagnostics, flow cytometry, apheresis, HLA, cryopreservation, immunocytochemistry, SurePath and ThinPrep techniques in cytopathology, and a fine needle aspiration clinic. An accredited medical laboratory science program is also an integral part of the Department of Pathology and Genomic Medicine.

Community: Houston is the fourth largest city in the country and the largest city in the Southwest. Major league sports (baseball,

basketball, football, soccer, and minor league hockey) as well as internationally renowned museums, symphony, opera, ballet, and theatre are a vital part of the city. Restaurants featuring multicultural cuisines are available and affordable, and Galveston Island and the Gulf Coast are only 45 minutes away. The International Festival and Bayou City Art Festival are annual events. Affordable housing is available near the Texas Medical Center. The George Bush International Airport (IAH) and Hobby Airport serve the city. (http://www.houston-guide.com/)

Stipends: The annual stipend for a PGY-1 resident for 2014-2015 is $51,661. Health, dental, hospitalization, life, and malpractice insurances are all included in the benefits package provided by Houston Methodist Hospital to residents/fellows. Additional benefits provided by the Department of Pathology and Genomic Medicine include: selected text books for PGY-1 residents, an annual book fund to residents PGY-2 and above, and membership in state and national organizations/societies for all residents and fellows. The department also provides funding to residents and fellows to attend three in-state meetings each year, and a sponsored meeting of individual choice is provided to PGY-4 residents. Also, platform and/or poster presentations by residents/fellows at state and national meetings are financially supported by the department. Additional funds for presentation educational activities ($1600 annually for PGY-1 and above, and $2000 for all graduating residents and fellows) are provided by the Hospital via Graduate Medical Education Department.

Applications: Graduates of Texas Medical Board (TMB) approved medical schools, including international schools, seeking their first postdoctoral appointment, are selected through the National Residency Matching Program (NRMP). All candidates must be eligible for a TMB physician-in-training permit or unrestricted licensure in the state of Texas. Applications will be accepted via ERAS through December 31st of the previous academic year, and all necessary documentation (including ECFMG status) must be received by that date. Transfer candidates and fellowship candidates may apply directly with our department. For applicants interested in the Methodist Pathology Resident Research Program (MPRRP) please view our website and/or contact us for more information on the application process.

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