# THE METHODIST HOSPITAL

## Department of Pathology and Genomic Medicine

### *Hematopathology Fellowship and Selective Hematopathology Fellowship*

**Description:** The Methodist Hospital in Houston, Texas, an affiliate of Weill Cornell Medical College of Cornell University, offers two ACGME accredited hematopathology fellowship programs to provide broad exposure to the evaluation of hematopathological diseases and the technology used to ensure accurate diagnoses. Located in the heart of the Texas Medical Center, The Methodist Hospital is a 950-bed pricate adult teaching hospital with a 1.6 million square foot outpatient center that registers over 310,000 annual outpatient visits. The hospital offers a full range of services from primary to tertiary care, including a multi-organ transplant center and cancer center that includes a center for cell and gene therapy.

Two one-year fellowship positions are available each academic year for physicians interested in board certification and pursuing a professional career in hematopathology. During the program the fellows will have rotations at University of Texas MD Anderson Cancer Center, University of Texas HSC Memorial Hermann Hospital, and Texas Children's Hospital. Training will include experience in bone marrow and lymph node pathology, immunophenotyping by flow cytometry and immunohistochemistry, molecular diagnostics, coagulation and other areas of laboratory hematology. There are specific rotations in cytogenetics, molecular genetics, and pediatric hematology. Fellows present conferences and teach pathology residents, medical students, and clinical fellows. Laboratory management and administrative experience during the program also provide the fellows with an adequate background to understand the organization and operation of a hematopathology laboratory.

Two one-year fellowship positions in *selective* hematopathology are also available each academic year for physicians interested in an academic career in hematopathology. Training will focus on technical and research applications in the areas of immunophenotyping by flow cytometry, immunohistochemistry, molecular diagnostics, and cytogenetics. There are specific rotations in cytogenetics, molecular genetics, and flow cytometry. Near the end of the fellowship the fellow will also rotate through clinical service for review of bone marrow and lymph node histopathology. *Note: This selective hematopathology fellowship does not confer board eligibility in Hematopathology.*

For both fellowships it is anticipated that an area of research interest will be identified early in the fellowship and that one or more clinical research projects will be completed during the training. State-of-the-art technologies, such as cDNA microarray, next genreation sequencing, 8-color flow cytometry, and fluorescence-activated cell sorting are available for fellows interested in pursuing an academic career. Both fellowships are directed by April Ewton, M.D., a board certified hematopathologist. The fellowships are also supervised throughout the program by five additional pathologists with subspecialty certification in hematopathology, two of which have subspecialty certification in molecular genetics, and one with subspecialty certification in transfusion medicine.

**Requirements:** Candidates must be board certified or board eligible in clinical pathology or anatomic/clinical pathology. Candidates must be eligible for a Texas Medical Board Physician In-Training Permit or hold a Full Physician Texas Licensure.

**Stipends:** Commensurate with level of post-graduate training.

**Applications:** Application deadline is December 31 of the year prior to the intended fellowship year which begins July 1.
Application inquiries are to be directed to: April Ewton, MD, Director, Hematopathology, The Methodist Hospital, Department of Pathology and Genomic Medicine, 6565 Fannin Street, M227, Houston, TX 77030
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