THE METHODIST HOSPITAL

Department of Pathology and Genomic Medicine

Clinical Chemistry Fellowship

Description: The Methodist Hospital in Houston, Texas, an affiliate of the Weill Cornell Medical College, offers a clinical chemistry fellowship for postdoctoral Ph.D. students interested in pursuing a career in clinical chemistry and related research. Located in the heart of the Texas Medical Center, The Methodist Hospital is a 950-bed private 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.

A two-year fellowship (accredited through ComACC - The Commission on Accreditation in Clinical Chemistry) is available every two academic years under the directorship of Ping Wang, Ph.D. and David Bernard, MD, PhD. The first year of the program is an introduction to and rotation through the various laboratories providing clinical services to the hospital and outpatient center. These laboratories include core lab, diagnostic immunology, point-of-care testing and satellite labs. Elective rotations in selected laboratory areas of interest will also be provided. Major equipment in these laboratories includes several Ortho Fusion dry chemistry systems, several Siemens Centaurs, a Waters LC tandem mass spectrometer, and an Abbott Architect. The fellow will study proper testing procedures (specimen collection and processing), methodology, and clinical correlation of testing. Small research projects including, but not limited to, method development and clinical case study will also be assigned.

The second year will focus on management, on-call duty, and self-initiated research approved by Dr. Wang. During this time, the fellow will gradually assume greater responsibilities in the clinical service laboratories. Under the supervision of Drs. Wang and Bernard, the fellow will review and address laboratory management and patient care problems. The fellow is expected to obtain board certification in clinical chemistry by the American Board of Clinical Chemistry (ABCC) by the end of the fellowship.

Fellows are responsible for the clinical chemistry case conference at The Methodist Hospital, and have the opportunity to attend various clinical pathology conferences along with other residents and fellows in the program. The fellowship is supervised by a board-certified clinical chemist and a board certified clinical pathologist.

Requirements: Doctoral degrees (PhD, MD, or PharmD) at accredited institutions are required for admission into the program. Individuals with doctoral degrees in the following and other relevant life science areas are encouraged to apply: clinical chemistry, chemistry, biochemistry, medicine, molecular biology, toxicology, pharmacology, physiology, and genetics. Candidates should have met the 30-hour minimum requirement of undergraduate and/or graduate level biochemistry or chemistry courses. Previous experience in clinical chemistry is not required, but strong interests in laboratory medicine and research is required.

Stipends: Commensurate with level of post-graduate training.

Applications: Deadline for application submission is April 30th of the year of the intended fellowship which begins July 1st.
Application inquiries are to be directed to: Ping Wang, PhD, Director, Clinical Chemistry, The Methodist Hospital, Department of Pathology and Genomic Medicine, 6565 Fannin Street, M227, Houston, TX 77030
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