



Memorial Sloan Kettering
Cancer Center

Clinical Chemistry Fellowship



The Department of Pathology and Laboratory Medicine at Memorial Sloan Kettering Cancer Center offers a two-year fellowship program in Clinical Chemistry. The goal of this fellowship is to prepare trainees to function as the director of a high complexity clinical laboratory. Fellows are expected to take the qualifying examinations administered by the ABCC prior to completion of their fellowship.

The curriculum consists of two phases. Phase 1 consists of a 9 month series of 1-3 week rotations through clinical chemistry laboratories at MSKCC. Fellows may also be assigned short term development or quality

projects during this time. Formal instruction in certain topics will be provided via lectures and didactic sessions. In Phase 2, fellows complete translational research projects. Fellows assume increasing responsibility in the laboratories where emphasis will be on projects as well as answering calls from the medical staff. Fellows will also serve as acting laboratory directors during their second year and assume responsibility for laboratory and patient issues under faculty supervision.

Most training will occur at the MSK Center for Laboratory Medicine building—a brand new state of the art facility in Manhattan

Availability: *Next availability to start is July 2027*

Number of Positions: 1

Length of Program: 2 Years

Deadline: *September 1 for a start date of July 1 the following year*

Contact:

Shelby Hutcherson, PhD
labchemfellowship@mskcc.org

For More Information Visit:

<https://www.mskcc.org/hcp-education-training/fellowships/clinical-chemistry-fellowship>

<https://www.mskcc.org/hcp-education-training/graduate-medical-education>

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constructed in 2017. This building houses state of the art automation as well as a wide variety of clinical laboratory analyzers. The Clinical Chemistry Service participates in the development and validation of many laboratory developed tests (LDT's) that are unavailable in most hospital laboratories. The service performs testing in all areas including routine chemistry, critical care testing, cardiac markers, tumor markers, toxicology screening, protein immunology, immunochemistry, mass spectrometry, and point of care testing. The department also provides fellows the opportunity to participate in evaluations of cutting edge in vitro diagnostic devices, and also has extensive collaboration with the clinical departments at MSKCC to validate biomarkers for potential clinical use.

Eligibility

Applicants must have earned a PhD, MD, or DO (or equivalent) from an accredited university. Applicants should have successfully completed 30 semester hours (or equivalent) in undergraduate and/or graduate level chemistry or biochemistry at an accredited institution. Applicants are strongly encouraged to have gained exposure to a clinical laboratory and to have taken courses in human anatomy,

physiology, and/or pathophysiology prior to application.

How to Apply

Applicants should submit a personal statement describing their interest in clinical chemistry, qualifications, and future goals, along with a current CV. Applications without a personal statement will not be accepted. All applications should be sent via e-mail to labchemfellowship@mskcc.org.

Applicants are requested NOT to send any transcripts or letters of recommendation. Applications are only accepted in alternating years. Fellowships at MSKCC have a start date of July 1.

The Department of Pathology and Laboratory Medicine provides clinical laboratory testing for all patients seen at MSKCC, and includes clinical chemistry, hematology, microbiology, point-of-care, cell therapy, flow cytometry, cellular immunology, and transfusion medicine.

Program Director

Shelby Hutcherson, PhD



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