

2 Principal Investigator Positions



The Lunenfeld-Tanenbaum Research Institute of Sinai Health System, a University of Toronto affiliated biomedical research centre, is recruiting emerging leaders in the area of **Systems, Cellular, Chemical, Developmental or Molecular Biology with a focus on studying and treating human diseases**. The appointments will be for Principal Investigators (rank equivalent to Assistant Professor).

We seek applicants to develop innovative, outstanding and independent programs in Systems, Cellular, Chemical, Developmental or Molecular Biology. Research approaches include, but are not limited to, the application of functional genomics, proteomics, metabolomics, chemical biology, single-cell analytics, structural biology and cell/tissue engineering to investigate biological processes or develop new therapeutic approaches using human and/or model organisms. Topic areas encompass network and systems biology, regenerative biology, immunology/microbiology, next-generation therapeutics, cellular physiology, and disease mechanisms. Applicants with combined computational and wet lab focus are also encouraged to apply.

The successful candidates will join the Lunenfeld-Tanenbaum Research Institute's faculty, who are internationally renowned for their work in network biology, cancer, developmental and structural biology, imaging, and proteomics. With numerous discoveries in basic and applied research in cancer, stem cell biology, diabetes, genetic disorders, neurobiology and women's and infants' health, the Lunenfeld-Tanenbaum Research Institute is committed to excellence in health research and the training of young investigators. The Institute provides a research-intensive environment with modern and innovative core facilities that include proteomics, single-cell and spatial genomics platforms, robotics and imaging that drive technology development and are housed in the Network Biology Collaborative Centre. Sinai Health System is also the home of The Centre for Phenogenomics, a state-of-the-art facility for mouse models, and is a founding member of the Nanoscale Biomedical Imaging Facility. Close ties with flagship clinical programs focusing on fetal medicine and women's health, cancer genetics, diabetes, autoimmune/inflammatory diseases and infectious disease, as well as a history of biotech entrepreneurship, ensure the successful application of our research findings.

The Lunenfeld-Tanenbaum Research Institute and Sinai Health are strongly committed to diversity within its community and especially welcome applications from racialized persons/persons of colour, women, Indigenous/Aboriginal People of North America, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

The University of Toronto has one of the world's most concentrated and largest biomedical research communities, including 9 academic hospital research institutes that are fully affiliated with the University. Toronto is a vibrant, safe, multicultural city with excellent quality of life.

For more details and instructions on how to apply, visit:

<https://apply.interfolio.com/130205>

Applications should be submitted via the Interfolio website before Oct 15th, 2023. The earliest start date is July 1st, 2024, or a date to be mutually agreed upon. Applicants needing additional information can contact Dr. Daniel Schramek at PI_search@lunenfeld.ca. E-mailed applications will not be accepted.

