Job title: Principal Investigator in Data Science and Health Research

Position Summary
The Lunenfeld-Tanenbaum Research Institute of Sinai Health System, a University of Toronto affiliated biomedical institute, is seeking broadly for an emerging leader in the area of Data Science and Health Research. The appointment will be for a Principal Investigator, rank equivalent to Assistant Professor.

We seek applicants that will develop independent, outstanding and innovative programs in Data Science with specific focus on applications to population health. Topic areas include, but are not limited to: genomics, epigenomics, transcriptomics, proteomics and metabolomics, statistical genetics, epidemiology, risk prediction modeling, data linkage, artificial intelligence application in health science and bioinformatics.

The successful candidate will join the Lunenfeld-Tanenbaum Research Institute whose faculty members are internationally renowned for their work in multiple area of cutting-edge research. Within Lunenfeld-Tanenbaum Research Institute, the Prosserman Centre for Population Health Research includes a group of multi-disciplinary scientists with focus on quantitative research of complex diseases, including population and statistical genomics based on large-scale cohort and biobank data. The Institute provides a research-intensive environment with modern and innovative core facilities, including in biobanking, sequencing, proteomics and a designated Research Training Centre. Lunenfeld-Tanenbaum Research Institute labs engage in productive collaborations within the Institute, in the larger University of Toronto community, as well as national and international collaborations. The University of Toronto has one of the most concentrated biomedical research communities in the world, including 9 academic hospital research institutes that are fully affiliated with the University, in addition to government agencies such as the Ontario Institute for Cancer Research, Public Health Ontario and Cancer Care Ontario, and a newly established Vector Institute dedicated to the field of artificial intelligence.

Appointment Details
Investigators at the Lunenfeld-Tanenbaum Research Institute are appointed to independent Investigator positions equivalent to Assistant, Associate or Full Professor, depending on experience and qualifications. Preference for this open position will be given to individuals qualifying at the level of Assistant professor. Investigators will be cross-appointed at the University of Toronto in the academic department best aligned with the candidate’s background and research topic, as well as at the Vector Institute, if applicable.

An appropriately qualified individual may also be nominated for a Tier 2 Canada Research Chair. Nominees should be within ten years of receiving their PhD. Applicants who are more than 10 years from having earned their highest degree may have their eligibility for a Tier 2 chair assessed through the program’s Tier 2 justification process. Eligible candidates will be given the opportunity to be considered for Tier 2 Canada Research Chair nomination.

Education and Experience Requirements
Candidates must hold a PhD, ScD or equivalent doctoral degrees, with postdoctoral experience and an established record of research accomplishment as demonstrated by publications in leading journals, presentations at significant international conferences, awards and accolades, and strong endorsement by referees of high international standing. A track record of securing external funding is an asset. The successful candidate will be expected to initiate and lead an innovative, independent, and externally funded, research program of the highest international calibre.

How to Apply
Applications should be submitted via the Interfolio website prior to November 1, 2018:
http://apply.interfolio.com/53219

Additional details regarding the education and experience requirements, the Canada Research Chair eligibility criteria and nomination process, and application instructions are available on Interfolio, or through our Institute’s website (lunenfeld.ca).