



The Department of Computer Science and the Department of Medicine at the University of Toronto invite applications for a joint tenure-stream appointment (51% Computer Science and 49% Medicine) in the area of Computational Medicine, with applications to clinical data. The appointment will be at the rank of Assistant Professor and will begin on July 1, 2017.

We are interested in candidates in all areas of computer science, data science, and medicine that harness cutting edge data collection and analytics to drive innovations in healthcare while including a focus on the impact on patient care and outcomes. We are especially interested in exceptional candidates who transcend traditional computing, data science and medicine disciplines and who complement our existing strengths.

Candidates should have a Ph.D. in computer science or data science or a related field by the date of appointment or shortly thereafter. Formal medical training, including an M.D. would be a significant asset.

Evidence of excellence in research and teaching at the highest international levels is required, along with evidence of collaboration with clinical medicine on projects that have resulted, or have potential to result, in improved patient care or outcomes. Excellence in research will be demonstrated by publications in top ranked field-relevant journals, presentations at significant conferences, demonstrated impact at the level of patient care, awards and accolades, and strong reference letters by referees of top international stature. Teaching excellence will be demonstrated by awards and accolades, demonstrated impact at the level of patient care, teaching accomplishments as well as strong endorsements from referees.

The University of Toronto is an international leader in computing and medical research and education, and the two units have significant existing interdisciplinary initiatives that we seek to significantly broaden over the coming years. Successful candidates are expected to: pursue innovative research at the highest international level; to establish a strong, externally funded independent research program; to have a strong commitment to teaching at all levels, including undergraduate, post-graduate (e.g. medical trainees), and graduate teaching; and to work alongside clinicians in the Department of Medicine to harness existing and future big data sources to advance patient care and outcomes.

Salary will be commensurate with qualifications and experience, and is competitive with our North American peers.

Applicants should apply online AcademicJobsOnline at <https://academicjobsonline.org/ajo/jobs/8493> , and include a curriculum vitae, a list of publications, and research and teaching statements. Applicants should also arrange to have at least three letters of reference uploaded through AcademicJobsOnline directly by the writers.

Review of applications will begin after December 5, 2016 but the position will remain open until filled.

For more information about the Department of Computer Science see our website at www.cs.toronto.edu or contact Sara Burns at recruit@cs.toronto.edu.

For more information about the Department of Medicine see our website at www.deptmedicine.utoronto.ca.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.