

Posting Date: June 21, 2018

University of Toronto
Faculty of Applied Science and Engineering
Mechanical and Industrial Engineering Department

Area of Research: Microarray printing and analysis

Description of Duties: The Mechanical and Industrial Engineering Department of the University of Toronto is inviting applications for a Post Doctoral Research Fellow position with experience on the development of a novel method of printing and analyzing sensor microarrays used for medical diagnostics applications. Post-Doctoral fellow will collaborate with a leading industry company which is our partner on the project.

Required Qualifications: Applicants should hold a PhD in engineering or computer science. Knowledge and relevant experience in medical image analysis, machine learning and statistical data analysis is necessary. Work will be performed at industry partner facilities (Toronto) and at University of Toronto. Experience with MATLAB, C/C++, Python, R, BASH scripting, Linux, HPC software tools is advantageous. Candidates should have a demonstrated record of high motivation and independent work.

Excellent communication skills, strong independent research skills, and sensitivity to industry partner direction are also required. The candidate will be expected to work independently and produce publishable results.

Salary: \$60,000/year

Expect start date: July 15, 2018 (or earlier)

Term: One-year term with a possible renewal (availability of funds)

FTE: 100%

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee's research and training and the needs of the supervisor's research program may require flexibility in the performance of the employee's duties and hours of work.

Application Instructions: The application package (to be emailed to P.E. Sullivan) should include a cover letter and CV, including a list of 3 professional references.

Supervisor: Dr. Pierre Sullivan- Professor
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Closing Date: July 6, 2018

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.

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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.