

DEPARTMENT OF CHEMISTRY
Faculty of Arts and Science
University of Toronto

JOB POSTINGS – POSTDOCTORAL FELLOW

Area of Research: Microfluidics

Number of Positions: 3

Description of duties:

Position 1. This post will join our team in developing microfluidic systems for probing endogenous repair mechanisms in neural precursor cells. The successful applicant will have a PhD in biology or a related discipline, with research experience in neuroscience, broadly defined. Experience with microfluidics is not required, but candidates without such experience should be willing to learn. This position is available immediately.

Position 2. This post will join our team (including a commercial partner) working to develop integrated microfluidic devices for clinical chemistry applications. The successful applicant will have a PhD in chemistry, engineering, or a related discipline, with research experience in microfluidics. Experience with dielectrophoresis (DEP) is a plus. This position is available immediately.

Position 3. This post will join our team (including a commercial partner) working to develop an interface between digital microfluidics and nuclear magnetic resonance (NMR) spectroscopy. The successful applicant will have a PhD in chemistry, engineering, or a related discipline, with research experience in NMR and/or magnetic resonance imaging (MRI). Experience with microfluidics is not required, but candidates without such experience should be willing to learn. This position will be available in late 2016/early 2017.

Salary: \$35,000 – \$55,000 CDN (commensurate with the level of experience)

Required qualifications: Candidates must have a PhD (preferably granted in the last 5 years). Strong written and oral English communication skills are required. Experience working in teams is strongly desired.

Application instructions: All individuals interested in this position must submit cover letter, CV, and names of three individuals who are willing to provide letters of reference (reference letters are not required at this stage, but will be requested for those selected to be interviewed). The cover letter should describe your research background, research interests, long-term career goals, and their fit with the focus of this call. Your CV should include your education, publications, awards, conference abstracts, and research experience. Send these documents to Lisa Ngo by email at lt.ngo@utoronto.ca by the closing date.

Closing date: October 31, but applications after this date will be considered until the positions are filled. Only those selected to be interviewed will be notified.

Supervisor: Professor Aaron Wheeler

Expected start date: Please see above.

Term: Initial appointment is for one year at first, with possible renewal for another 1-2 years upon mutual agreement and funding availability.

FTE: 100%

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

This job is posted in accordance with the CUPE 3902 Unit 5 Collective Agreement.

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.