

DEPARTMENT OF CHEMISTRY  
Faculty of Arts and Science  
University of Toronto

**JOB POSTINGS – POSTDOCTORAL FELLOW**

**Area of Research:** Microfluidics

**Number of Positions:** 2

**Description of duties:**

**Position 1.** This post will join our team in developing microfluidic systems for single-cell analysis. The successful applicant will have a PhD in biology, biochemistry, biomedical engineering, or a related discipline, with research experience in genome or transcriptome sequencing and analysis. Experience with microfluidics is useful but not required; candidates without such experience should be willing to learn.

**Position 2.** This post will join our team in working to develop integrated microfluidic devices for point-of-care disease diagnostics. The successful applicant will have a PhD in chemistry, engineering, or a related discipline, with research experience in microfluidics. Experience with diagnostic immunoassays and/or molecular diagnostic techniques is a plus. The candidate that accepts this position may be called upon to join a team from the lab in traveling to a low- or middle-income country for method testing and validation.

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

**Required qualifications:** Candidates must have a PhD (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](mailto:lt.ngo@utoronto.ca).

**Closing date:** June 16, but applications will be evaluated on a rolling basis until the position is filled (so apply as soon as possible). Only those selected to be interviewed will be notified.

**Supervisor:** Professor Aaron Wheeler

**Expected start date:** July 1, 2017 (this date is flexible based on the selected candidates' availability)

**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.

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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.*