

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING  
Faculty of Engineering  
Concordia University  
**JOB POSTINGS – POSTDOCTORAL FELLOW**

**Area of Research:** The Shih lab is looking for an enthusiastic postdoc to join our collaborative project that combines microfluidics, electrochemistry, and aptamer-based synthetic biology.

**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. Expertise in one or more areas aptamer design, microfluidics, or electrochemistry is strongly desired.

**Description of duties:** The applicant who is joining this project will help to develop new microfluidic platforms integrated with electrochemical aptamer-based sensing for specific applications. This applicant has a PhD in bioengineering, chemistry or a related discipline. Experience with developing biosensors is a plus. The applicant should be willing to learn microfluidics or any other area, if it is missing. There is also a component of training, specifically training graduate students in the laboratory.

**Salary:** \$45,000-55,000 CDN (depending on experience)

**Application instructions:** Please apply by sending your resume, a cover letter, and contact information with at least three references to [steve.shih@concordia.ca](mailto:steve.shih@concordia.ca) by **March 1<sup>st</sup> 2023** or until the position is filled. *Concordia University and the Shih lab 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.*

**Closing date:** Review of applications will commence as applications are submitted and will continue until the position is filled. All applicants who apply will be advised by email of the outcome of their application within 10 days of the acceptance of the position by the successful applicant.

**Supervisor:** Professor Steve Shih

**Expected start date:** Immediately

**Term:** Initial appointment is for one year at first, with possible renewal upon mutual agreement and funding availability.

Employment as a Postdoctoral Fellow at Concordia University follows the Policy and Guidelines.

<https://www.concordia.ca/content/dam/common/docs/policies/official-policies/VPRGS-4.pdf>

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