

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

Area of Research: Are you interested in developing new technologies for societal needs? Are you familiar with 'lab-on-chip' technologies and 'electrochemistry' and want to add 'synthetic biology' to your repertoire? The Shih lab is collaborating with Strem Biotechnologies (a company based in Montréal, Québec, CANADA) and we are looking for an enthusiastic postdoc to join our collaborative project that combines microfluidics, electrochemistry, and 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.

Description of duties: The applicant who is joining this project will help to develop new microfluidic platforms integrated with electrochemical sensing for synthetic biological applications. This applicant has a PhD in bioengineering, chemistry or a related discipline, and will have extensive research experience with electrochemistry or both. Experience with developing biosensors is a plus. The applicant should be willing to learn microfluidics, if it is missing.

Salary: \$40,000 CDN

Application instructions: Please apply by sending your resume, a cover letter, and contact information with at least three references to steve.shih@concordia.ca by **February 20th, 2021** 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>

https://www.concordia.ca/content/dam/sgs/docs/postdoc/Guidelines_For_Postdoctoral_Fellows.pdf