

Open Positions for Students and Postdocs in Bioengineering, Electrical Engineering, and Synthetic Biology

Shih Microfluidics Laboratory @ Concordia: shihmicrolab.ca

The mission of the Shih Microfluidics Laboratory is to develop miniaturization tools to solve challenges related to health, energy, and synthetic biology. Our approach to solving these challenges are to use miniaturization technologies, such as microfluidics, and automation approaches and techniques. Students in my lab are **inter-disciplinary** - combining principles in electrical engineering, molecular biology, and chemistry. Current projects in my lab include gene-editing, enzyme evolution, optogenetics, and cancer. *We strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour (e.g., BIPOC), women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.*

Open projects in the Shih lab

- **DNA synthesis, assembly and transformation**
- **Organ-on-chip**
- **Gene-editing**
- **Sustainability (e.g., meat production)**

To apply, please email Steve Shih your recent CV with cover letter, and contact information of at least two references.

Contact:

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Additional Info:

Concordia ECE: <http://www.concordia.ca/encs/electrical-computer.html>

Center for Applied Synthetic Biology: <https://www.concordia.ca/research/casb.html>

PERFORM Center: <http://www.concordia.ca/research/perform.html>

