

University of Toronto, Department of Civil and Mineral Engineering

The Provost's Postdoctoral Fellowship

Description

THE PROVOST'S POSTDOCTORAL FELLOWSHIP

Closing of Applications: Wed. 04/01/20 11:59PM Eastern Daylight Time

Job Type: Fellowship (Limited Term - up to 2 years), fellowship must start before Dec 31, 2020

Salary: \$70,000 CAD/year for up to 2 years including benefits

Location: University of Toronto, Toronto, Ontario, Canada

FELLOWSHIP PROGRAM

The University of Toronto Provost's Postdoctoral Fellowship program provides funding to increase opportunities for hiring postdoctoral fellows who specifically identify as indigenous or black. These fellowships will enable postdoctoral researchers to grow their scholarly profiles, undertake academic work at the University of Toronto, and strengthen the research environment at the University with diverse perspectives. The University of Toronto is a top-tier institution, leading in all areas of teaching, learning and research.

This fellowship will support a postdoctoral research associate position in the Drinking Water Research Group (DWRG), working under the direction of Professors Robert C. Andrews, Ron Hofmann and Susan Andrews. The DWRG works with partners from industry and government on a wide range of projects related to municipal drinking water treatment. The DWRG includes approximately 25 graduate students, Post-Doctoral Fellows, Research Managers and Associates.

Research areas in our group include biologically active filtration, ultrafiltration, advanced oxidation processes, control of disinfection by-products, impact of microplastics and cyanotoxins in drinking water and much more. Depending on the interests and skill set of the candidate, a research plan will be developed that complements both the Fellow and DWRG goals.

Requirements

ELIGIBILITY

The award is open to both domestic and international post-graduates.

Nominees must:

- Demonstrate academic excellence and high potential for success in their chosen fields;
- Identify as Indigenous and/or Black;
- Have obtained a doctoral degree, normally within the last five years from the start date of the funding, or will have obtained the degree at the time the fellowship commences; and
- Not have held a Provost's Postdoctoral Fellowship previously at the University of Toronto

Recipients must:

- Begin the fellowship no later than Dec 31, 2020;
- Submit proof of completion of degree no later than three months after the fellowship commences if they had not fulfilled all requirements for their degree at the time of nomination;
- Not hold concurrently another major fellowship;
- Not hold a faculty position or be on leave from such a position.

EDUCATION

PhD from an accredited university with focus on civil, environmental or chemical engineering (or a related discipline).

IDEAL KNOWLEDGE, EXPERIENCE AND SKILLS

The ideal candidate will have:

- A demonstrated strong research and publication record
- An excellent understanding of drinking water treatment
- Proficient laboratory experience working with analytical instrumentation (e.g. GC/MS, LC/MS/MS)
- Strong oral and written communication skills
- A valid driver's license
- Experience working with water treatment personnel

How to Apply

Interested candidates must apply through the Drinking Water Research Group (DWRG) by email. Please send the following documents to Jennifer Lee, DWRG Administrative Research Manager at jenwy.lee@utoronto.ca:

- Detailed resume
- PDF of transcripts from all institutions attended (as separate documents)
- Letter of intent and eligibility. Be sure to clearly state in the letter, with which underrepresented group (Indigenous and/or Black) you identify with.

The review process will begin immediately. If your research interests and skills align with our group, a lead supervisor will contact you to continue with the full nominee application process for submission to the Faculty of Applied Sciences and Engineering (FASE) and consideration by the School of Graduate Studies. The FASE deadline is April 16, requiring a quick turnaround for consideration. If you are interested, please send us your documents immediately. The School of Graduate Studies will contact the Faculty Research Offices, successful nominee and supervisor before the end of June 2020.

For detailed information regarding the Provost's Fellowship and requirements, see

<https://www.sgs.utoronto.ca/awards/provosts-postdoctoral-fellowship-program%e2%80%8b/>

Please visit our website: www.dwrg.ca

Job Information Summary:

Location: Toronto, Ontario,
Canada

Position Title: THE PROVOST'S
POSTDOCTORAL FELLOWSHIP

Company Name: University of
Toronto, Department of Civil
and Mineral Engineering

Job Function: Other water
related

Entry Level: No

Job Type: Full-Time

Job Duration: 1-2 years

Min Education: PhD Degree

Min Experience: None

Required Travel: Some

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