



Tier II Canada Research Chair in Clean Water Technology

The CRC Program was created by the Government of Canada to cultivate world-class research and development. Canada Research Chairs are funded by the Canadian government (www.chairs.gc.ca) and are designed for exceptional emerging researchers. The position is contingent on the successful candidate being approved by the Canada Research Program. These positions are tenure-track. The Canada Research Chair is a five year appointment with the possibility of a second five year renewal. Tier II CRCs are for exceptional emerging researchers, acknowledged by their peers as having potential to lead in their field. Applicants must have completed their PhDs within no more than the past 10 years, with leaves of absence and other career delays expected.

About the Position

Laurentian University invites applications for a *Tier II Canada Research Chair in Clean Water Technology* as a research team leader in the Bharti School of Engineering. The position will work closely with researchers at Vale Living with Lakes Centre at Laurentian University. The focus of this environmental institute is to advance both basic and applied science to assist in the protection and management of northern aquatic systems, with an emphasis on Boreal and Sub-Arctic areas affected by rapid industrial development particularly mining and climate change. We seek a candidate with an undergraduate degree in Civil Engineering with postgraduate work in fields related to: clean water technology, urban and/or industrial applications and wastewater management. Experience or a strong interest in mining issues (e.g. effluents, tailings dams, etc) and/or clean water accessibility (e.g. in remote/rural communities) would be an asset. We also seek someone with experience or a strong interest in, and an aptitude for collaborative work with indigenous communities..

We seek an innovative individual with an outstanding record of research and publication relative to their stage of career, who will provide leadership for national and international collaborative research and become a focus for integration of research initiatives involving the Bharti School of Engineering, Vale Living with Lakes Centre, various University Departments, and the mining industry. The Chair will be expected to contribute to our BSc, MSc, and PhD programs and assist in our objective to become one of the leading centres for the protection and management of northern aquatic ecosystems in the world.

About Laurentian University

Laurentian University serves over 9,400 students on its main campus in Sudbury, Ontario, and is one of two bilingual universities in the province of Ontario. Laurentian has been in a phase of steady growth, realizing more than \$150M in capital investments over the past five years. These include the McEwen School of Architecture, the award-winning Vale Living with Lakes Centre, a new student residence, the modernization of classrooms and labs, and the completion of an Executive Learning Centre, an Indigenous Sharing and Learning Centre, and a University Club. Most recently, in the fall of 2018, the University completed construction of the new \$30 million Cliff Fielding Research, Innovation and Engineering Building which houses i) new engineering laboratories, ii) modern, comfortable, well equipped working space for engineering graduate students and researchers, as well as, iii) a fully equipped fabrication workshop that supports teaching, research and innovation (www3.laurentian.ca/engineering/cliff-fielding-research-



[innovation-engineering-building/](#)). Committed to its bilingual, tri-cultural mandate, Laurentian University offers an outstanding university experience in English and French with a comprehensive approach to Indigenous education.

Laurentian's beautiful, forested campus is surrounded by fresh-water lakes, conservation lands, and hundreds of kilometres of cross-country trails. Many faculty and students cycle, ski, snowshoe, or kayak to work, or enjoy the pristine waters of Lake Nephawin at Laurentian's private beach. The university is located in the geographic centre of Greater Sudbury, northern Ontario's major urban centre (population 160,000). Laurentian University has close and productive ties to Science North, SNOLAB, Health Sciences North, and two post-secondary partners, Collège Boréal and Cambrian College.

Application Requirements

Applications, including a statement of teaching philosophy, evidence of teaching, an overview of research interests, and a curriculum vitae should be sent as PDF files to vpap@laurentian.ca. In addition, applicants should arrange to have three letters of reference directly sent to the email address above. Review of applications will begin immediately once the three reference letters have been received, but applications will be accepted until the position is filled.

Questions concerning the position may be directed to Dr. Markus Timusk at mtimusk@laurentian.ca.

University Policy

Laurentian University is an inclusive and welcoming community and encourages applications from members of equity-seeking communities including women, racialized and Indigenous persons, persons with disabilities, and persons of all sexual orientations and gender identities/expressions. Laurentian University's bilingualism policy (Section 7.3.b) provides a provision regarding the language requirement for persons self-identifying as First Nations, Métis or Inuit. (<https://laurentian.ca/bilingualism>). The University has a policy of passive bilingualism (English/French) as a condition of tenure. Information can be found at www.laurentian.ca. LU faculty members are part of the Laurentian University Faculty Association (LUFA). Candidates are advised to consult the Collective Agreement at www.lufapul.ca.

Laurentian University is committed to providing an inclusive and barrier free experience to applicants with accessibility needs. Requests for accommodation can be made at any stage during the recruitment process. Please contact the Office of the Vice-President, Academic and Provost for more information.

All qualified persons are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

To comply with federal laws, the University is obliged to gather statistical information as to how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada.



Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: “I am a Canadian citizen / permanent resident of Canada”; OR, “I am not a Canadian citizen / permanent resident of Canada”. Applications that do not include this information will be deemed incomplete.

The Canada Research Chairs Program requires institutions to collect self-identification data from all applicants. This data supports the University’s ability to ensure that researchers from diverse groups are able to benefit from participation in the program. All applicants to this CRC opportunity will be sent a self-identification survey. Applicants are encouraged to self-identify in any of the groups where applicable. While completion of the survey is required, providing answers to the individual survey questions is voluntary, and applicants can log a response indicating that they decline the survey.