



DEPARTMENT OF PURE MATHEMATICS
UNIVERSITY OF WATERLOO

Canada Research Chair (Tier 2) in Pure Mathematics (Internal/External)

Date advertised: November 16th, 2023

The Department of Pure Mathematics in the Faculty of Mathematics at the University of Waterloo is seeking an exceptional scholar and researcher to fill a Tier 2 Canada Research Chair and tenure track position at the rank of Assistant Professor. If circumstances warrant, appointments at the rank of Associate Professor may be considered. The anticipated earliest start date is July 1, 2024. To address legal requirements for supporting underrepresented groups in the CRC program, eligible candidates for this search are required to identify as a woman or gender minority, which is defined to include individuals who self-identify as women, transgender, gender-fluid, nonbinary and Two-Spirit people.

The department is looking for candidates with a PhD or equivalent in Pure Mathematics or a related discipline. The candidate will propose an innovative program of high-quality research that will attract external funding and excellent, well qualified and diverse graduate students. Evidence of an actively developing research program with emphasis on Pure Mathematics and a successful record of Tri-Agency funding is required. Ability and desire to partner with faculty in closely related fields is required.

Duties include research, teaching at the undergraduate and graduate level, service to the unit, and the supervision of graduate students. Experience developing an array of traditional and on-line courses for a diverse student body is required. The successful candidate will have a reduced teaching load during the term of the CRC. Applicants whose research aligns with the strategic plan of the department, which constitutes to become a leader in pure mathematics, would be preferred.

The successful candidate will be appointed as a regular member of the Department and will be subsequently nominated for a Tier 2 Canada Research Chair. Nominations for Canada Research Chairs (CRC) are subject to review by the CRC Secretariat and appointment as a CRC is conditional on their approval (see the CRC terms of reference (<https://www.chairs-chaires.gc.ca>)). The University of Waterloo is committed to providing the candidate with the support required to secure the CRC.

The successful candidate will have obtained a PhD or equivalent within ten years of nomination to the CRC position and will be an outstanding emerging scholar with a demonstrated potential to achieve a significant international reputation in the next five to ten years. Applicants who are more than 10 years from having earned their highest degree and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc. may have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process which can be found at: http://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-

[eng.aspx#s3](#). The University of Waterloo understands the impact that legitimate career interruptions (e.g. parental leave, leave due to illness) can have on a candidate's record of research achievement and encourages potential candidates to explain in their application the impact this may have on their record; this information will be taken into careful consideration during the assessment process. Please consult the CRC website at <https://www.chairs-chaire.gc.ca/> and the Office of Research for full program information, including further details on eligibility criteria.

The salary range for this position at the Assistant Professor rank is \$130,000 to \$180,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

Applications received by December 19, 2023 will be given full consideration. However, applications will continue to be reviewed until the position is filled. Applications must include a cover letter, a curriculum vita, a research statement, and at least four letters of reference, one of which should specifically address teaching. Applicants should also include a statement about teaching. Applicants and referees may submit their applications and reference letters (respectively) online at <https://www.mathjobs.org/jobs/list/23875>.

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

However, this particular selection process will follow the provisions for a special program as described by the Ontario Human Rights Commission at <https://www.ohrc.on.ca/en/your-guide-special-programs-and-human-rights-code> in order to address the underrepresentation of individuals from equity-deserving groups among our Canada Research Chairs, which has been identified through research (https://www.caut.ca/sites/default/files/caut_equity_report_2018-04final.pdf; <https://cca-reports.ca/reports/strengthening-canadas-research-capacity-the-gender-dimension/>; <https://www.ubcpres.ca/the-equity-myth>; and [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(18\)32611-4/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(18)32611-4/fulltext)) to be systemic in nature. As such, this opportunity is open only to individuals who self-identify as women or gender minority, which is defined to include individuals who self-identify as women, transgender, gender-fluid, nonbinary and Two-Spirit people. Improving the representation, participation and engagement of equity-deserving groups within our community is a key objective of Waterloo's Strategic Plan 2020-2025 at <https://uwaterloo.ca/strategic-plan/>.

All applicants to this CRC opportunity are required to self-identify using the self-identification applicant survey (https://uwaterloo.ca1.qualtrics.com/jfe/form/SV_08RcdJzz6YAh4TX). Because this is a special opportunity for a specific member of the four designated groups, applicant self-identification information will be used for the purposes of screening and consideration. Please note that this information will be securely accessed only by members of a

central selection committee and, for nominees selected, for the fulfillment of CRC program purposes(s) detailed at: <http://www.chairs-chaieres.gc.ca/program-programme/equity-equite/index-eng.aspx>.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview or workplace accommodation requests please contact Occupational Health (occupationalhealth@uwaterloo.ca or Karen – extension 40538); who will work with the selection committee to secure accommodation while ensuring that the information is safe-guarded and confidentiality is maintained. If you have any questions regarding the position, the application process, assessment process, eligibility, or the CRC program, please contact:

David McKinnon, Chair, Department of Pure Mathematics, University of Waterloo
puremath@uwaterloo.ca

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority.

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo>.

Department web site - <http://math.uwaterloo.ca/pure-mathematics/>