



Department of Applied Mathematics

Postdoctoral Fellowship in Applied Mathematics

Applications are invited for a limited number of postdoctoral fellowships in the Department of Applied Mathematics at the University of Waterloo, with an anticipated start date of July 1, 2025. These are one-year fellowships with the possibility of renewal for another year subject to satisfactory performance and funding availability. The department has 30 regular faculty members, and has leading research programs in Scientific Computing Methods, Mathematical & Quantum Physics, Environmental & Geophysical Fluid Dynamics, Control & Dynamical Systems, and Mathematical Medicine & Biology. **Candidates should indicate in their cover letter the names of faculty member(s) they propose to work with.**

In addition to engaging in close research collaboration with a faculty member or members in the department, the successful candidates will be responsible for teaching two one-term courses. Selection will be based on the candidate's research potential, the fit with a supervisor in the department, and teaching ability. All interested recent PhDs are encouraged to apply. The salary range for this position is \$65,000-\$70,000.

The Department of Applied Mathematics is one of four departments that, together with the School of Computer Science, comprise the Faculty of Mathematics at the University of Waterloo. With 300 faculty members, 8,000 undergraduate students and more than 1,000 graduate students in mathematics and computer science, Waterloo's Faculty of Mathematics is a global powerhouse in research, education and innovation. Research in the department is enhanced by interdisciplinary and industrial collaborations and links to interdisciplinary institutes including the Waterloo Artificial Intelligence Institute, the Centre for Computational Mathematics, the Waterloo Climate Institute, the Water Institute, the Perimeter Institute for Theoretical Physics, and the Institute for Quantum Computing. The department has a substantial graduate program with over 100 graduate students and strong undergraduate programs in applied mathematics, scientific computing and mathematical physics. More information about the department can be found at <https://uwaterloo.ca/applied-mathematics/>.

Applications for these fellowships are through the website MathJobs.org. Candidates should submit a cover letter, curriculum vitae and a one-page research statement to www.MathJobs.org. Applicants should also arrange for three letters of recommendation, with at least one letter addressing the candidate's teaching abilities, to be submitted through www.MathJobs.org website.

The application deadline is **January 15, 2025** or until the positions are filled.

We appreciate all replies to this advertisement, but only applicants under consideration will be contacted.

The University of Waterloo understands the impact that career interruptions (e.g. parental leave, leave due to illness) can have on a candidate's 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.

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, a person with a disability, women and/or 2SLGBTQ+.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview or workplace accommodation requests, please contact Erin Kelly (e4kelly@uwaterloo.ca).

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Office of Indigenous Relations (<https://uwaterloo.ca/indigenous>).