

## Tenure Track Faculty Position in Applied Mathematics

### Department of Applied Mathematics University of Waterloo

The Department of Applied Mathematics in the Faculty of Mathematics at the University of Waterloo invites applications for a tenure-track position at the rank of Assistant Professor, and in special cases Associate or Full Professor. Exceptional candidates with broad interests in all areas of applied mathematics (these include Fluid Dynamics, Control & Dynamical Systems, Mathematical Medicine & Biology, Mathematical Physics and Scientific Computing) that enhance the research and teaching portfolio of the Department are invited to apply.

The successful candidate will be expected to establish an outstanding research program. Experience with interdisciplinary or industrial applications is of particular interest. We are looking for applicants with an enthusiasm for teaching at both the undergraduate and graduate level, and for the supervision of graduate and undergraduate research.

The Department of Applied Mathematics is one of four departments, together with a School of Computer Science, that comprise the Faculty of Mathematics at the University of Waterloo. The Faculty was ranked 41st in the world for mathematics (20th in N. America, and 3rd in Canada) in the 2020 QS World University Rankings. The department has 28 regular faculty whose research interests include control theory, differential equations and dynamical systems, fluid dynamics, mathematical biology & medicine, mathematical physics, and scientific computing. Research in the department is enhanced by interdisciplinary and industrial collaborations and links to interdisciplinary institutes including the Centre for Computational Mathematics in Industry and Commerce. The department has a substantial graduate program with over 135 graduate students pursuing Masters or PhD degrees, and strong undergraduate programs in applied mathematics, scientific computation and mathematical physics. More information about the department can be found at <http://math.uwaterloo.ca/applied-mathematics/>.

Candidates interested in this position should have a PhD or equivalent in Applied Mathematics or a related field. The salary range for this position is \$100,000-\$160,000. Salary will be commensurate with qualifications, experience and research record. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. The effective date of appointment is July 1, 2021.

Interested individuals should apply using [MathJobs](#). Applications should include a cover letter, a curriculum vitae, research and teaching statements, teaching evaluation summaries (if available) and up to three reprints/preprints. In addition, applicants should arrange to have at least three reference letters submitted on their behalf. Completed applications will be reviewed on an ongoing basis. The application deadline is **December 23, 2020**.

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.

If you have any questions regarding the position, the application process, assessment process, eligibility, or a request for accommodation during the hiring process, please contact:

Dr. Siv Sivaloganathan, Chair, Department of Applied Mathematics, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1 ([am-chair@uwaterloo.ca](mailto:am-chair@uwaterloo.ca))

The University of Waterloo regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. As such, we encourage applications from women, persons with disabilities, Indigenous peoples, members of visible minorities, and others who may contribute to the further diversification of ideas. At Waterloo, you will have the opportunity to work across disciplines and collaborate with an international community of scholars and a diverse student body, situated in a rapidly growing community that has been termed a "hub of innovation."

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>.