

**Department of Applied Mathematics**  
**Faculty of Mathematics**  
**University of Waterloo**  
**Tenure Track Position/Business and Financial Technologies**

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. The area of interest is the applications of mathematics to business and financial technologies and only mathematicians whose research focus and activity is in this field will be considered for this position. Exceptional candidates with broad interests in all areas of modern applied mathematics (eg dynamical systems, control theory, scientific computation, PDEs) applied to finance and other areas of business, that would enhance the research and teaching needs of the Department, are invited to apply.

The successful candidate will have the ability to establish an outstanding research program in this field. Experience (or significant interactions) with the banking or financial sector, or any area of business 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 20th in the world for mathematics in the 2015 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 and the Water Institute. The department has a substantial graduate program with over 135 graduate students pursuing Masters or PhD degrees, and strong undergraduate programs in applied mathematics 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 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, 2020.

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).

Interested individuals should apply using MathJobs (<https://www.mathjobs.org/jobs/jobs/14824> ). 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 1, 2019.

The University of Waterloo regards diversity as an integral part of academic excellence and is committed to employment equity and accessibility for all employees. As such, we encourage applications from women, Indigenous (First Nations, Métis and Inuit) peoples, persons with disabilities, members of diverse gender identities, 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 receive priority in the recruitment process.

Three reasons to apply: <https://uwaterloo.ca/fauw/why>.