

**University of Waterloo**  
**Department of Applied Mathematics**  
**Tenure Track/Assistant Professor**

The Department of Applied Mathematics at the University of Waterloo invites applications for an Assistant Professor position. In special cases, Associate or Full Professor with tenure may be considered. The primary area of interest is control theory. However, exceptional candidates with broad interests in all areas of modern applied mathematics (including quantum control, machine learning, stochastic optimization, and other emerging areas) that 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. 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 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. Appointment at the Assistant Professor level is preferred, but extraordinarily strong candidates will be considered for a more senior position. 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, 2019.

Applicants are strongly encouraged to apply on-line as described at: <http://www.mathjobs.org/>. Alternatively, applications may be sent via email to [amdept@uwaterloo.ca](mailto:amdept@uwaterloo.ca). Applicants should submit a curriculum vitae, a research statement summarizing past work and future plans, a statement of teaching philosophy and arrange for three letters of reference to be sent directly. The deadline for receiving applications is November 30, 2018.

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 Professor Sivabal Sivaloganathan, Chair, Dept. of Applied Mathematics ([ssivalog@uwaterloo.ca](mailto:ssivalog@uwaterloo.ca)).

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/faculty-association/why-waterloo>.