

DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
UNIVERSITY OF WATERLOO
Open Position in Actuarial Science

The Department of Statistics and Actuarial Science in the Faculty of Mathematics at the University of Waterloo is in an exciting period of expansion and invites applications for one Assistant Professor position in Actuarial Science. In very special cases, Associate or Full Professor with tenure may be considered. Candidates must have a PhD in an area of the actuarial, statistical or mathematical sciences or mathematical finance, and have research interests in actuarial science, finance or related disciplines. Professional actuarial qualifications and experience, although not strictly necessary, would be a distinct asset. Applicants must also have potential or proven ability to develop an internationally recognized research program, excellent communication skills, and a strong commitment to teaching at the graduate and undergraduate levels. The expected start date for this position is July 1, 2019 though the actual start date is flexible.

The University of Waterloo is one of Canada's leading universities with more than 30,000 full and part-time students in undergraduate and graduate programs. The Department of Statistics and Actuarial Science is one of the top academic units for the statistical and actuarial sciences in the world and is home to close to 50 research active full-time faculty and close to 200 graduate students in programs including Statistics, Biostatistics, Data Science, Quantitative Finance and Actuarial Science. The department offers a vibrant research environment for a wide range of areas including risk management, finance, ruin theory, mathematical statistics, analysis of longitudinal and event history data, statistical learning, data science, survey methods, industrial statistics, and interdisciplinary collaborative work. The department benefits from close relationships with several research groups on campus including the Waterloo Research Institute in Insurance, Securities and Quantitative Finance.

The Department has the distinct feature of offering both Masters and PhD degrees in Actuarial Science, including the professional Masters of Actuarial Science, which delivers an elite, fast-tracked education in actuarial science and practice. In addition, the Department also offers a Masters in Quantitative Finance. Departmental strengths in the actuarial science group cover a wide range of research topics including risk and ruin theory, quantitative finance, risk management in insurance and finance, longevity risk and pensions, solvency management, financial modeling and computational methods. The University of Waterloo is also designated as a Center of Actuarial Excellence by the Society of Actuaries, and was on the inaugural list of universities fully accredited by the Canadian Institute of Actuaries.

Interested individuals should apply using [MathJobs](http://www.mathjobs.org/jobs) (www.mathjobs.org/jobs). 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 7, 2018. The salary offered will be commensurate with qualifications and experience. The salary range for this position is \$110,000 to \$150,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

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:

Stefan Steiner, Chair

Department of Statistics and Actuarial Science

University of Waterloo

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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>