

DEPARTMENT OF STATISTICS & ACTUARIAL SCIENCE
UNIVERSITY OF WATERLOO

Open Position(s) 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 or two tenure-track or tenured faculty positions in Actuarial Science. These positions may be at the rank of Assistant, Associate, or, in very special cases, Full Professor. 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 these positions is July 1, 2018 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 more than 45 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 and is the only North American program accredited by the Institute and Faculty of Actuaries in the U.K. In addition we offer a Masters in Quantitative Finance. Departmental strengths in the actuarial science group cover a wide range of 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. Applications will be accepted until the positions are filled, with applications received by December 1, 2017 receiving full consideration. 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.

Inquiries may be addressed to
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The University of Waterloo respects, appreciates and encourages diversity and is committed to accessibility for persons with disabilities. We welcome applications from all qualified individuals including women, members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority in the recruitment process.

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