Department of Mathematics and Statistics / Faculty of Science
Actuarial Science, Assistant Professor and Associate Professor (2 positions)

The Department of Mathematics and Statistics, Faculty of Science at York University invites applications for two (2) professorial stream tenure-track appointments in Actuarial Science. One of these appointments is at the Assistant Professor level, the other one is at the Associate Professor level. Both positions are to commence July 1, 2020. Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval.

For the appointment at the Assistant Professor level, successful applicants are expected to have a Ph.D. in *Actuarial Science, or Mathematics, or Statistics* (or a dissertation thesis in a related area). In addition, successful applicants should have a professional designation of Fellow from one of the SoA / CAS / CIA / IFoA / IAA (or equivalent) by the date of appointment. That said, exceptional applicants that have the designation of Associate from one of the just-mentioned organizations and are actively pursuing fellowship will be considered. In addition, successful applicants must demonstrate potential for excellence in scholarly research, teaching and service.

Excellence in scholarly research involves an ongoing program of research in which the output appears in top Actuarial Science journals, e.g., *Insurance: Mathematics and Economics*; *North American Actuarial Journal*; *ASTIN Bulletin: The Journal of the International Actuarial Association*; or the *Scandinavian Actuarial Journal*. Applicants that specialize in any one of the following areas: risk measurement and management, insurance pricing, dependence modelling, retirement income modeling, are particularly welcome to apply and will be given priority, although exceptional candidates from all areas of Actuarial Science will be considered.

Successful applicants must be suitable for prompt appointment to the Faculty of Graduate Studies as the positions will involve graduate teaching and supervision, as well as undergraduate teaching. Pedagogical innovation in high priority areas such as experiential education, technology enhanced learning and integrated Actuarial Science and Data Science / Business / Economics / Accounting / Computer Science curricula is considered a strong asset.

A record of professional experience in industry will be given additional weight when comparing candidates with similar research credentials.

For the appointment at the Associate Professor level, successful applicants are expected to satisfy all the criteria required for the appointment at the Assistant Professor level, listed above. In addition, these applicants should demonstrate excellence in scholarly research, exceptional record of recent scholarly funding, a record of supervision of undergraduate and graduate students, as well as substantial and ongoing involvement within professional and scientific communities. Examples of the former are: serving on committees with one of the SoA / CAS / CIA / IFoA / IAA (or equivalent), and examples of the latter are: serving on the editorial boards of international scholarly journals, organizing international conferences. A record of experience leading a large Actuarial Science program will be given additional weight when comparing candidates with similar research and teaching credentials.

Note that York University has a policy on Accommodation in Employment for Persons with Disabilities and is committed to working towards a barrier-free workplace and to expanding the accessibility of the workplace to persons with disabilities. Candidates who require accommodation during the selection process are invited to contact Paul Szeptycki, Chair of the Department, at szeptyck@yorku.ca.

York University is an Affirmative Action (AA) employer and strongly values diversity, including gender and sexual diversity, within its community. The AA Program, which applies to women, members of visible minorities (racialized groups), Aboriginal (Indigenous) people and persons with disabilities, can be found at www.yorku.ca/acadjobs or by calling the AA line at 416-736-5713. Applicants wishing to self-identify as part of York University's Affirmative Action program can do so by downloading, completing and submitting the form found at: http://acadjobs.info.yorku.ca/affirmative-action/self-identification-form. All qualified candidates are encouraged to apply; however, Canadian citizens, permanent residents and Indigenous peoples in Canada will be given priority. No application will be considered without a completed mandatory Work Status Declaration form which can be found at: http://acadjobs.info.yorku.ca/affirmative-action/work-authorization-form.

Applications must be received by **October 21, 2019**. Only applications received through the AMS MathJobs website, www.mathjobs.org, will be considered. Applicants are required to provide three signed letters of reference, CV, a statement on teaching, a statement on research, the Work Status Declaration (Citizenship) form, and a covering letter. Applicants wishing to self-identify may also include the self-identification form which can be found at above mentioned link. Once this form has been signed it can be uploaded to MathJobs.