

Department of Mathematics and Statistics, Faculty of Science

The Department of Mathematics and Statistics of the Faculty of Science invites highly qualified candidates to apply for a professorial stream tenure-track appointment in Mathematics and Statistics at the Assistant Professor level, to commence July 1, 2022. Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval.

A PhD (by the start of the appointment) in a field closely related to Data Science, such as Statistics, is required, with promise of excellence in research and in teaching. Applicants should have a clearly articulated program of research and specialize in any area of Data Science, which may include but is not limited to big data, data mining, data visualization, inference in complex datasets, machine learning, artificial intelligence, and other data science related areas.

The successful candidate will be expected to engage in outstanding, innovative, and externally funded research at the highest level.

Candidates must show promise of research excellence of a recognized international calibre as demonstrated in: the research statement; a record of publications (or forthcoming publications) in top-ranked and field-relevant journals; presentations at significant conferences; awards and accolades; and strong recommendations from referees of high standing.

The position will involve graduate teaching and supervision, as well as undergraduate teaching and the successful candidate must be suitable for prompt appointment to the Faculty of Graduate Studies. Candidates must show evidence of potential for superior teaching and mentoring of undergraduate and graduate students.

Promise of excellence in teaching will be provided through: the teaching statement; teaching accomplishments and pedagogical innovations including in high priority areas such as experiential education and technology enhanced learning; teaching evaluations; and strong letters of reference.

York is a leading international teaching and research university, and a driving force for positive change. Empowered by a welcoming and diverse community with a uniquely global perspective, we are preparing our students for their long-term careers and personal success. Together, we can make things right for our communities, our planet and our future.

The Department views this position as a key step towards building York University into one of the top universities in Canada for Data Science in research reputation and in post-doctoral, graduate, and undergraduate training (including the proposed BSc/BA program in Data Science). Our vision is for data science to be a common thread for building and developing connections that bring together great researchers from across the university, top graduate and undergraduate students, and industrial partners, and for data science to be the focus of resulting excellence in interdisciplinary and applied research that will further raise the reputation and prestige of York University.

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 the Chair of the Search Committee at dshire-ms@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 as part of the application process. The form can also be 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>.

All application materials, including a cover letter, an up-to-date curriculum vitae, a research statement, a teaching statement, and a teaching dossier should be submitted at <https://www.mathjobs.org/jobs/list/18036>. Furthermore, applicants should arrange at <https://www.mathjobs.org/jobs/list/18036> for three or more signed letters of recommendation to be sent on their behalf. Any queries about this position should be directed to the Chair of the Search Committee at dshire-ms@yorku.ca.

The deadline for receipt of completed applications is **November 15, 2021**.