



Department of Mathematics & Statistics

Brock University
Niagara Region
1812 Sir Isaac Brock Way
St. Catharines, ON
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Faculty Position in Mathematics of Data Science at Brock University

The Department of Mathematics and Statistics at Brock University invites applications for a probationary tenure-track position as Assistant Professor in the mathematics of data science, effective July 1, 2020.

About Brock University

The Brock University experience is second to none in Canada. Located in historic Niagara region, Brock offers all the benefits of a young and modern university in a safe, community-minded city, with beautiful natural surroundings. With over 19,000 students and more than 100 undergraduate and graduate programs in seven diverse Faculties, Brock excels at providing exceptional experiential learning opportunities and highly rated student and campus life experiences.

About the department

The Department of Mathematics & Statistics at Brock University strives to achieve a diverse, flexible, innovative, modern curriculum for educating undergraduate and graduate students in both mathematics and statistics; training students to learn how to acquire further knowledge and skills related to these areas and their myriad applications; carrying out world-class research in modern areas of mathematics, statistics, and math education; connecting and linking with other Departments and Faculties in teaching and research.

About the position

The Department currently offers a BSc and an MSc in Mathematics and Statistics and is preparing to launch a new trans-disciplinary BSc in Data Sciences and Analytics as well as a new PhD Program in Computational, Mathematical, and Statistical Sciences jointly with the Department of Computer Science. The Department will also be contributing to the development and delivery of engineering programs at Brock University. The successful candidate is expected to have a primary role in the development of these current and new programs in mathematics, data sciences and engineering.

Qualifications

The successful candidate must have recently completed a PhD (since 2015) in an area of mathematics related to data science (e.g., computational discrete mathematics, algorithmic and computational optimization, analysis of complex networks, etc.) by the time of the appointment, a record of or a strong potential for excellent and independent research that will attract external funding and an active program of fundamental and applied research in mathematical methods in data and information processing with applications to science and engineering problems. The successful candidate must demonstrate the ability to teach both undergraduate and graduate courses in theoretical and computational discrete mathematics with applications to the data sciences, and the ability and the commitment to supervise graduate students.

Applicants should submit through the Brock Careers website at the link below by March 31, 2020 (indicating file number stated above), a cover letter, a curriculum vitae, samples of recent publications, statements of research and teaching interests:

https://brocku.wd3.myworkdayjobs.com/brocku_careers/job/St-Catharines-Main-Campus/Assistant-Professor--Mathematics-of-Data-Science_JR-1005178

Three letters of recommendation (letters of reference) should be directly sent from the referee to:

Mathematics of Data Science Search Committee
Department of Mathematics and Statistics
Brock University
1812 Sir Isaac Brock Way
St. Catharines, Ontario, Canada L2S 3A1
E-mail: [Math/Stats POS2@brocku.ca](mailto:Math/Stats_POS2@brocku.ca)

Review of applications will commence on April 1, 2020 and will continue until the position is filled.

All qualified candidates are encouraged to apply; however Canadian citizens and permanent residents will be given priority. Brock University is actively committed to diversity and the principles of employment equity and invites applications from all qualified candidates. Women, Aboriginal peoples, members of visible minorities, people with disabilities, and lesbian, gay, bisexual, transgender, and queer (LGBTQ) persons are encouraged to apply and to voluntarily self-identify as a member of a designated group as part of their application.

We will accommodate the needs of the applicants and the Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act (AODA) throughout all stages of the selection process, as outlined in the Employee Accommodation Policy <https://brocku.ca/policies/wp-content/uploads/sites/94/Employee-Accommodation-Policy.pdf>. Please advise: Ali Rilstone, Talent Acquisition Consultant, arilstone@brocku.ca to ensure your accessibility needs are accommodated through this process. Information received relating to accommodation measures will be addressed confidentially.

It is Brock University's policy to give consideration to qualified internal applicants.

We appreciate all applications received; however, only candidates selected for an interview will be contacted.

Learn more about Brock University by visiting www.brocku.ca