



## Faculty Position in Financial Mathematics and Mathematical Modeling at Brock University

The Department of Mathematics and Statistics at Brock University invites applications for a probationary tenure-track position as Assistant Professor in Financial Mathematics and Mathematical Modeling, 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. The successful candidate is expected to have a primary role in the development of a new undergraduate program in Financial Mathematics, sustain and expand existing financial math courses, and teach undergraduate courses in the MICA (Mathematics Integrated with Computers and Applications) concentration. The successful candidate will also build a modern transdisciplinary research program which will strengthen and broaden the Department's MSc program, as well as contribute to a proposed joint PhD program with the Department of Computer Science. Commitment to develop new graduate courses and supervise graduate students in the areas of financial mathematics and mathematical modeling is anticipated.

### **Qualifications**

The successful candidate must have recently completed a PhD (since 2015) with expertise in analytical and computational aspects of Financial Mathematics and computer-based Mathematical Modeling. A

strong record of independent research in these areas which will attract external funding is desired. The successful candidate must have a demonstrated teaching ability.

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--Financial-Mathematics--Mathematical-Modeling\\_JR-1005179-1](https://brocku.wd3.myworkdayjobs.com/brocku_careers/job/St-Catharines-Main-Campus/Assistant-Professor--Financial-Mathematics--Mathematical-Modeling_JR-1005179-1)

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

Financial Mathematics and Mathematical Modeling Search Committee  
Department of Mathematics and Statistics  
Brock University  
1812 Sir Isaac Brock Way  
St. Catharines, Ontario, Canada L2S 3A1  
E-mail: [Math/Stats\\_POS3@brocku.ca](mailto:Math/Stats_POS3@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/Employment-Accommodation-Policy.pdf>. Please advise: Ali Rilstone, Talent Acquisition Consultant, [arilstone@brocku.ca](mailto: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](http://www.brocku.ca)