

Tenure-Track Position in Big Data Analytics

Position # 001991TT-2018-MAT-SPF50-45

The University of Windsor invites applications for a tenure-track faculty position in the Department of Mathematics and Statistics at the rank of Assistant Professor in the area of Big Data Analytics, commencing July 1, 2018. This position is subject to final budgetary approval.

This position is one of 50 new tenure-track Assistant Professor appointments that the University of Windsor is making over three years as part of a visionary strategic investment in our students and faculty. This cohort of 50 new teachers, scholars, researchers, and creators will demonstrate both disciplinary grasp and interdisciplinary reach, providing extraordinary leadership in research, teaching, and learning for a new generation. For more information on the 50 new appointments, visit us at <http://www.uwindsor.ca/50newprofs>.

The University of Windsor is a medium-sized university with a solid reputation in teaching and research, offering a friendly and supportive environment for both living and learning. It is Canada's southernmost university, and its border location provides unique cultural, recreational, and educational opportunities for faculty and students.

The Department of Mathematics and Statistics consists of 12 professors, 1 Sessional Lecturer, 1 Ancillary Academic Staff (Director of the Math and Stats Learning Centre), 2 support staff, about 100 undergraduate students, and about 40 graduate students. For further information about the Department, including information on our research areas, visit <http://www.uwindsor.ca/math/>. The department is in the Faculty of Science, which has a 1 to 15 faculty to student ratio, has more than \$1.7M annually in scholarships, involves more than 65% of its students in research, and has more than \$10M in annual research support.

The position in Big Data Analytics is intended to enhance and extend the existing areas of research strength in Statistics and Optimization. The successful candidate will further enable the Department to establish and engage in new collaborative multidisciplinary research opportunities and programs not only within but also outside of the department, e.g., the School of Computer Science, Institute for Border Logistics and Security (IBLS), and the Great Lakes Institute for Environmental Research.

The ideal candidate must possess a PhD in Statistics supported by a demonstrated record of excellence in research areas related to big data analytics and demonstrated research record supported by refereed publications, and grants/fellowships. In addition, strong English communication and interpersonal skills, and the ability to teach undergraduate and graduate courses is essential, as is the ability to contribute to our strong graduate program through the supervision of graduate students.

Application Requirements

- a letter of application, including a statement of citizenship/immigration status;
- a detailed and current curriculum vitae;
- a statement of research demonstrating its relevance to big data analytics;
- two (2) page outline of research interests and accomplishments;
- samples of scholarly writing, including (if applicable) clear indications of your contribution to any jointly authored pieces;
- a teaching dossier or teaching portfolio demonstrating a potential for or evidence of teaching effectiveness and excellence that will include sample course syllabi/outlines, teaching evaluations if available, and a statement of teaching philosophy and interests (resources and templates for completing a teaching dossier can be found at <http://www.uwindsor.ca/ctl/links-pd>);
- graduate transcripts; and
- three (3) current letters of reference (at least two of which must address the candidate's research contributions), forwarded directly by the referees to the Department Head at the address or email listed below.

Only those applicants selected for interview will be contacted. The short-listed candidates may be invited to provide further information in support of their applications. To ensure full consideration, complete an **online application** (www.uwindsor.ca/facultypositions) found on the job advertisement, and ensure letters of reference are submitted by the deadline date of **October 31, 2017**. Applications may be considered after the deadline date; however, acceptance of late submissions is at the discretion of the appointments committee.

Questions and Reference Letters to be sent to:

**Dr. Rick Caron, Head, Department of Mathematics and Statistics, Faculty of Science,
University of Windsor, 401 Sunset Avenue, Windsor, Ontario, Canada N9B 3P4,
Phone: 519-253-3000 Ext. 3015; Email: mthsta2@uwindsor.ca**

The University of Windsor is a comprehensive research and teaching institution with more than 15,500 students. We are a welcoming community committed to equity and diversity in our teaching, learning, and work environments. In pursuit of the University's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Sexual Minorities) are encouraged to apply and to self-identify. If you need an accommodation for any part of the application and hiring process, please notify the Faculty Recruitment Coordinator (recruit@uwindsor.ca). Should you require further information on accommodation, please visit the website of the Office of Human Rights, Equity & Accessibility (<http://www.uwindsor.ca/ohrea>). All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.