



Probationary (Tenure-track) position in Data Science

The Department of Statistical and Actuarial Sciences, in the School of Mathematical and Statistical Sciences, Faculty of Science at Western University is pleased to announce a search for a probationary (tenure-track) position in Data Science at the rank of Assistant or Associate Professor. The rank and salary will be commensurate with the successful applicant's qualifications and experience. The starting date will be August 1, 2021.

The Department hosts an undergraduate program in Data Science and a professional graduate program in Data Analytics and is also a key contributor to the new initiative that will unify instruction in Data Science across the campus community. Faculty within the department study a diverse range of both theoretical and applied problems, and include members with joint appointments in Computer Science, Economics, the Brain and Mind Institute. This appointment is intended to bring new research both in the development of new methodology and in the application of Data Science to another research field.

The successful candidate will be an innovative researcher with a demonstrated ability to both develop statistical methodology and to apply, in a meaningful way, statistical data science to important problems. They will have research accomplishments that are recognized for having made an impact as evidenced by publications in highly regarded journals, including research publications related to novel methodological developments in statistical science and data science/analytics as well as impactful publications involving data-driven applications in other subject areas. As an emerging leader, they must have demonstrated success in obtaining external funding appropriate to their career stage, such as graduate-level scholarships or external research funding. The successful candidate will be expected to teach and supervise/train highly qualified personnel including graduate students in the Department's MSc and PhD programs. They will provide leadership for the undergraduate Data Science program of the Department, be actively involved in the Faculty of Science's Data Analytics professional graduate program and in the recently introduced Data Science courses offered to our campus community. Consequently, it is essential for the successful candidate to have a record of developing and delivering timely, high-quality courses related to statistics, data science and analytics that is commensurate with their career stage. The successful candidate must have a PhD in Statistics or a very closely related area at the time of the application and possess excellent communication skills. Distinct assets would include teaching experience in data science/analytics programs, experience with professional graduate programs, post-doctoral experience, a record of graduate supervision and demonstrated successes as a team member on collaborative, multidisciplinary research projects. All of these required attributes will be evaluated based on the career stage of candidates.

The Department of Statistical and Actuarial Sciences (www.uwo.ca/stats) offers an exceptional environment for interdisciplinary research, teaching, and training in statistics and its applications. It has undergraduate and graduate programs in financial modelling, actuarial science and statistics supported by 23 faculty members. The Department is actively involved in a professional Masters of Data Analytics program hosted by the Faculty of Science and is the home department for undergraduate program modules in Data Science, both of which are mounted in close collaboration with the Department of Computer Science. It is also involved in a collaborative professional Masters in Financial Economics program jointly offered with Economics, Law, and Business.

With annual research funding exceeding \$220 million, and an international reputation for success, Western ranks as one of Canada's top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities and one of Canada's most beautiful campuses. To learn more about Western and its resources for new faculty, please visit: <http://www.uwo.ca/about/work.html> and http://uwo.ca/facultyrelations/recruitment_retention/index.html

Three letters of reference, at least one of which include detailed comments on the candidate's teaching abilities, will be required for shortlisted applicants. Candidates should submit a curriculum vitae, one-page teaching statement, one-page statement listing experience or interest in professional and/or leadership programs, two-page research plan, and contact details of at least three referees to the address below:

Professor Kristina Sendova, Chair
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Email: ksendova@stats.uwo.ca

Please ensure that the form available at:
<http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf>
is completed and included in your application submission.

Consideration of applications will begin on June 15, 2021 and will continue until the position is filled. We thank all applicants for their interest, but only those selected for an interview will be contacted.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups, Indigenous peoples, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

In accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Artie Harricharran at aharric3@uwo.ca.

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