Probationary (Tenure-track) position in Statistical 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 Statistical 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 July 1, 2024.

Western recognizes that our commitment to equity, diversity and inclusion is central to the University's mandate as a research-intensive institution of higher learning. The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives. Candidates are also expected to show evidence of a commitment to equity, diversity, inclusion, and the promotion of a respectful and collegial learning and working environment.

The Department of Statistical and Actuarial Sciences (www.uwo.ca/stats) offers an exceptional environment for interdisciplinary research, teaching, and training in Statistics, Actuarial Science, and Financial Modelling. In addition to undergraduate, masters and doctoral programs in these areas, it is a key contributor to a new initiative that is unifying instruction in Data Science across the campus community, hosting an undergraduate program in Data Science and a professional graduate program in Data Analytics, 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, and in Graduate Collaborative Specializations in: Environment and Sustainability; Global Health Systems in Africa; Hazards, Risks, and Resilience; and Scientific Computing. It also provides statistical consultation services and workshops to clients inside and outside the Western community via Western Data Science Solutions.

The Department has 25 faculty members. Research faculty within the department study a diverse range of both theoretical and applied problems across a wide variety of areas, and include members with joint appointments in Computer Science, Earth Sciences, Economics, Mathematics, and the Brain and Mind Institute. This appointment is intended to support the Department's undergraduate and graduate teaching and training initiatives in Statistics, Data Science and Analytics and to bring new research both in the development of new statistical methodology and in the application of Statistical Data Science to an existing or a new research field within the Department.

The successful candidate must have a PhD in Statistics or a very closely related area at the time of the appointment and possess excellent communication skills. They will be an innovative researcher with a demonstrated ability both to 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 statistical developments, applications involving statistical data science and analytics, and impactful publications involving data-driven applications in another 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, and 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 data analytics that is commensurate with their career stage. 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 candidate's carrier stage.

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 The university campus is in London Ontario, a thriving city of 422,000, located midway between Toronto and Detroit. With parks, river valleys, tree-lined streets, and bicycle paths, London is known as the "Forest City". London has a reasonable cost-of-living, and boasts an international airport, galleries, theatre, music and sporting events (see https://www.ledc.com/why-london).

By November 15, 2023, candidates should submit the following as pdf files: (i) a detailed and current curriculum vitae, (ii) a one-page teaching statement, (iii) a one-page statement listing experience or interest in professional and/or leadership programs, (iv) a two-page research plan, (v) up to three of their most representative publications, and (vi) the names and contact details of at least three referees where at least one of which is able to provide detailed comments on the candidate's teaching abilities. Note that only the references of candidates that are shortlisted for the position will be contacted to provide reference letters. 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.

Complete application packages should be sent via e-mail to the attention of:

Dr. Kristina Sendova, Chair
Department of Statistical and Actuarial Sciences
The University of Western Ontario
London, Ontario N6A 5B7, Canada
Email: ksendova@stats.uwo.ca

Consideration of applications will begin on November 15, 2023 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 Mira Grkavac at mgrkava@uwo.ca.

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