Department of Statistics
Faculty of Science
University of Manitoba
Winnipeg, Manitoba, Canada

Assistant Professor in Statistics
Position # 32929

The Department of Statistics invites applications for a full-time Probationary (Tenure-track) position at the Assistant Professor level, commencing July 1, 2023, or on a date mutually agreed upon. Salary will be commensurate with experience and qualifications.

The Department seeks an emerging scholar with experience in Statistics or any field related to Data Science. Outstanding candidates with research interests and/or contributions in any area relevant to Data Science will be considered, with particular emphasis on candidates who will complement or extend the departments' strengths in Data Science. The successful candidate will have a Ph.D. in Statistics, Applied Mathematics, Computer Science or any related field with distinguishing attributes grounded in Data Science, and show a strong commitment to excellence in teaching and research.

The ideal candidate will bring or support new synergies within and potentially outside the Department. People with experience in Statistical or Machine Learning, Computational Statistics, High Dimensional Data Analysis, Artificial Intelligence or Data Mining are especially invited to apply. Experience in areas of applications such as environmental statistics, biostatistics, spatial statistics, bioinformatics and postdoctoral experience including the use of statistical/data science methodologies in other areas of research would also be considered an asset.

Duties will include undergraduate teaching, graduate teaching and supervision, research, including establishing and maintaining an externally funded research program, and service-related activities. The successful candidate will have a track record of high-quality scholarly research leading to peer assessed publications; will either have, or demonstrate the potential to establish, an independent, innovative, scholarly, externally fundable research program; will have demonstrated strength in or strong potential for outstanding teaching contributions; and will exhibit evidence of the ability to work in a collaborative environment.

To enhance our department and create role models for a diverse population of students, we particularly invite application from those who can support and enhance our diversity, including women, Indigenous Peoples, racialized persons, persons with disabilities and 2SLGBTQIA+ and those committed to an inclusive environment.

The Department currently has 13 full time tenured and tenure track faculty members and 5 Instructors, and offers a full range of undergraduate and graduate programs in Statistics. Further information about the Department can be obtained from https://sci.umanitoba.ca/statistics/.

The University of Manitoba is a driving force of innovation, discovery and advancement. Our momentum is propelled by our campus community – UM faculty, staff and students whose determination and curiosity shape our world for the better. Our teaching, learning and work environment is uniquely strengthened and enriched by Indigenous perspectives. With two main campuses in Winnipeg, satellite campuses throughout Manitoba, and world-wide research, UM's impact is global.

Discover outstanding employee benefits, experience world-class facilities and join a dynamic community that values reconciliation, sustainability, diversity, and inclusion. We are one of Manitoba's Top Employers and one of Canada's Best Diversity Employers. At the University of Manitoba, what inspires you can change everything.

The City of Winnipeg (www.tourismwinnipeg.com), located where the Red and Assiniboine Rivers meet, is recognized for its vibrant, multicultural community and diverse culture. The city, with a growing population of more than 766,000, is home to internationally renowned festivals, galleries and museums, the historic Exchange District and The Forks, and ever-expanding research, education, and business sectors. From the Hudson Bay waters, across the farmland fields, to the pulse of the cities and towns, The Province of Manitoba's (www.travelmanitoba.com) people and places – its 100,000 lakes, 92 provincial parks, winding river valleys and storied prairie skies – inspire.

The University of Manitoba is committed to the principles of equity, diversity & inclusion and to promoting opportunities in hiring, promotion and tenure (where applicable) for systemically marginalized groups who have been excluded from full participation at the University and the larger community including Indigenous Peoples, women, racialized persons, persons with disabilities and those who identify as 2SLGBTQIA+ (Two Spirit, lesbian, gay, bisexual, trans, questioning, intersex, asexual and other diverse sexual identities). All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

If you require accommodation supports during the recruitment process, please contact UM.Accommodation@umanitoba.ca or 204-474-7195. Please note this contact information is for accommodation reasons only.

Applications including a curriculum vitae, a description of teaching philosophy, a summary of research interests, a three page research plan and contact information for three references should be sent to stats_dept@umanitoba.ca (PDF files preferred). Please ensure to specify the position number **32929** in the application. For further information contact the Search Committee Chair at Saman.Muthukumarana@Umanitoba.ca. The closing date for receipt of applications is December 8, 2022.

Application materials, including letters of reference, will be handled in accordance with the *Freedom of Information and Protection of Privacy Act*. Please note that curricula vitae may be provided to participating members of the search process.