Assistant Professor in Statistics and Microbiology
Position # 24885

The Department of Statistics and the Department of Microbiology invite applications for a joint, full-time, tenure-track position at the Assistant Professor level, commencing July 1, 2018, or on a date mutually agreed upon. The Departments seek an emerging scholar with a commitment to excellence in interdisciplinary teaching and research. Outstanding candidates in any area integrating Statistics and Microbiology will be considered, with particular emphasis on candidates who will complement or extend the faculty's strengths in interdisciplinary problems relating to bioinformatics or phylogenetic analysis, or research related to host-microbe interactions, 'omics level analyses of populations or communities of microbes.

The successful candidate will have a Ph.D. in microbiology/biology or statistics/mathematics or a related field, with research that spans the disciplines of microbiology and statistics. Post-doctoral experience is preferred. Duties will include undergraduate teaching, graduate teaching and supervision, research, including the establishment of 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. Salary will be commensurate with experience and qualifications.

To enhance our departments 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, other visible minorities, and those committed to a diverse environment.

The Department of Statistics currently has 12 full-time tenured and tenure-track faculty members and 5 instructors, and the Department of Microbiology currently has 14 full-time tenured and tenure-track faculty members and 3 instructors. Both departments offer a full range of both undergraduate and graduate programs, and aim to strengthen these programs through this interdisciplinary position. The Department of Statistics has strong research links with other University of Manitoba departments including Biological Sciences, Community Health Sciences, Computer Science, Mathematics, Actuarial Science and Finance. The Department of Microbiology has a well-established and equipped research facility, including microbiological growth and analysis facilities, a fluorescence microscopy suite and an x-ray diffraction facility, and is supported by strong research links with other University of Manitoba departments, including Biological Sciences, Chemistry, Plant Science, Biosystems Engineering, and Medical Microbiology and Infectious Disease. Further information about the Departments can be obtained from <umanitoba.ca/science/statistics> and <www.sci.umanitoba.ca/microbiology>. Winnipeg is the largest city in the Province of Manitoba. The city has a rich cultural environment, including symphony, opera, dance, theatre, and ethnic festivals. The region provides ample opportunities for outdoor recreation in all seasons. Learn more about Winnipeg at <winnipeg.ca>.
The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons/persons of colour, Indigenous peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Applications including a curriculum vitae, a description of teaching philosophy (and evidence of high quality teaching if available), a summary of research interests (highlighting interdisciplinary aspects), and a three-page research plan should be sent to <stats_dept@umanitoba.ca> (a single PDF file is preferred). Please ensure to specify position number 24885 in the application. The applicant should also arrange to have three reference letters sent directly to the above email address. For further information contact the Search Committee Chairs at Ligun.Wang@umanitoba.ca (Statistics) and Deborah.Court@umanitoba.ca (Microbiology). The closing date for receipt of applications is January 31, 2018. 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.