



THE UNIVERSITY OF WINNIPEG

Canada Research Chair in Data Science

Posted on-line: April 22, 2022

The University of Winnipeg has designated an NSERC Tier II Canada Research Chair (CRC) in Data Science and is currently seeking applications from qualified internal and external applicants. Preference will be given to racialized persons. Please confidentially self-identify at the time of application.

The successful candidate will hold a PhD in computer science, statistics, mathematics, economics, geography or a related field and will have a demonstrated track record of peer-reviewed publications, external research funding, and national/international exposure through invited lectures.

The candidate should be a strong methodologist with an ability to contribute to a variety of interdisciplinary areas and will have expertise in machine learning, data mining, calibration and analysis of big data, visualization and analysis of high-dimensional data or mathematical modelling. Candidates should demonstrate leadership in data applications such as bioinformatics, geovisualization, multivariate analysis, statistical computing, and statistical learning.

The successful candidate will be nominated for a Tier II CRC and, upon successful nomination, will hold or be appointed at the rank of Assistant or Associate Professor. The Chair will be situated within a department consistent with their expertise (for example, in the Department of Applied Computer Science, Department of Mathematics and Statistics, Department of Economics or Department of Geography).

The proposed Chair will be expected to develop a rigorous, independently funded and internationally recognized research program and to inspire and support talent development in the field among students and to work collegially with existing faculty members to foster existing links and build new links between departments. The candidate will contribute to service and teaching within the University of Winnipeg's undergraduate and/or graduate programs.

Applications will be considered until May 25, 2022. The nomination of the selected candidate will be submitted to the CRC program by October, 18, 2022 with the expected decision date by the program in April 2023.

All applications must be submitted online **via The University of Winnipeg's online recruitment system**, and should include a curriculum vitae, contact information for three references, and a statement of research objectives. The statement should be a maximum of

three pages (single spaced) using Times New Roman, size 12 font. To submit your application, please visit our [Human Resources Employment webpage](#) and click on Career Opportunities.

Appointment to this Canada Research Chair position is subject to review and approval by the Canada Research Chairs Secretariat, in accordance with the regulations set for [Tier II Canada Research Chairs](#). Tier II Chairs are intended for exceptional emerging scholars with less than 10 years of experience as an active researcher in their field at the time of nomination. Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a Tier II Chair assessed through the program's Tier II justification process; please contact Dylan Jones in the [Research and Innovation Office](#) for more information.

Tier II nominees should:

- be excellent emerging researchers who have demonstrated particular research creativity;
- have demonstrated the potential to achieve international recognition in their fields in the next five to ten years;
- be proposing an original, innovative research program of high quality;
- as a chair holder, have the potential to attract excellent trainees, students and future researchers.

The University of Winnipeg recognizes that researchers have varying career paths and that career interruptions due to personal circumstances can be part of an excellent academic record. Candidates are strongly encouraged to explain the impact of any such career interruptions in order to allow for a fair assessment of their outstanding research achievements.

The University of Winnipeg is committed to equity, diversity and inclusion and recognizes that a diverse staff and faculty benefits and enriches the work, learning and research environments, and is essential to academic and institutional excellence. We welcome applications from all qualified individuals and encourage women, racialized persons, Indigenous persons, persons with disabilities, and 2SLGBTQ+ persons to confidentially self-identify at time of application. In accordance with the University of Winnipeg Employment Equity and Diversity Policy and section 11 of The Human Rights Code, preference will be given to qualified candidates who self-identify as racialized persons.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

The University of Winnipeg is committed to ensuring employment opportunities are accessible for all applicants. Requests for accommodation can be made at any point in the recruitment process. Please contact Amber Dick, Senior HR Consultant at 204-988-7507 or am.dick@uwinnipeg.ca to request this posting in an alternate format, or to discuss accommodation needs.

The personal information of applicants is collected under the authority of the University of Winnipeg Act and 36(1)(b) of the Freedom of Information and Protection of Privacy Act. All

personal information collected via the recruitment process is used to assess the applicant's suitability, eligibility, and qualifications for employment, and to otherwise support recruitment activities. This information will be provided to participating members of the recruitment process. Questions regarding the collection of your personal information may be directed to the Director, HR Services, 515 Portage Avenue, Winnipeg, MB, R3B 2E9 or 204.786.9066.

All candidates meeting the criteria for a Tier II Chair with research interests in the described area are encouraged to apply.