



Tier 2 Canada Research Chair in Applied Health

The University of Winnipeg has designated a Tier 2 Natural Science and Engineering Research Council of Canada (NSERC) Canada Research Chair (CRC) in *Applied Health*. The University will be seeking an exceptional *internal candidate* for this position.

Applied health research aims to enhance the health of human individuals and populations, inform policy decisions and procedures relevant to human health, and improve delivery of healthcare and treatment of disease. It spans a number of disciplines, including but not limited to Applied Computer Science, Business and Administration, Biology, Chemistry, Economics, Geography, Kinesiology, Mathematics and Statistics, Physics, and Psychology. Under the purview of NSERC, applied health research can include: biostatistical methods; epidemiology; occupational health and safety; design and analysis of healthcare systems; electronic health applications and systems; health information systems; medicinal chemistry and drug design; immunology; neuroscience; genomics; physiology and biomechanics; cognitive science; nutritional sciences; sensory and motor systems; medical physics; and quantitative psychology.

By bringing together different disciplines, often in interdisciplinary configurations and using mixed methods, applied health research recognizes the many factors that influence health and disease and supports and measures evidence-based public health interventions. Applied health research seeks to understand fundamental processes in humans and animal models, the mechanistic structures and functions of the body that support health, and any relevant sex or gender differences through a variety of approaches, including developmental origins of health and disease, health informatics, and integrative approaches. Applied health research also emphasizes the identification of priority health problems, scientific evaluation of the effectiveness of health programs and policies, and managing the optimal use of available resources to meet the demands of increasingly complex health needs. In addition, this research looks at ways to prevent, diagnose, and manage illness and disease and promote health in humans with consideration given to relevant sex or gender differences, systemic health inequities, and social determinants of health.

This Canada Research Chair will lead an ambitious research agenda with an overarching focus on health across or within a targeted segment of the human life course and its implications for the improvement and development of effective health interventions, considering how biological and organizational systems can impact health and well-being. The more precise scope of the CRC within the broad field of applied health will be defined by the successful candidate in consultation with the Provost and Vice-President, Academic, and Vice-President, Research and Innovation. While this is a NSERC CRC, it is not required that applicants have a research funding history from NSERC; however, applicants are encouraged to note their plans to apply to NSERC in the future and should be able to articulate the novelty and innovation of their research proposal within NSERC's CRC program.



APPLICATION PROCESS

Applications will be considered until July 24, 2024. The nomination of the selected candidate will be submitted to the CRC program by October 22, 2024 with the decision from the program expected in Spring 2025.

All applications must be submitted **via The University of Winnipeg's online recruitment system** and should include a 4-page narrative curriculum vitae that follows the [guidelines for Narrative CVs for UWinnipeg applications](#), an academic CV (no page limit), and a 6-page document detailing the proposed research program that follows the [Tier 2 CRC guidelines](#). All application documents should be single spaced, using 12-point Times New Roman font and ¾" margins, and address [the Tier 2 Canada Research Chair Assessment Criteria](#). For details on how to submit your application, please visit our [Human Resources website](#) and choose **Faculty Employment; Canada Research Chair Opportunities option**.

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 2 Canada Research Chairs](#). For each Tier 2 Chair, the institution receives \$120,000 annually for five years, with the potential to renew once.

The successful candidate will be nominated for a Tier 2 NSERC CRC, and, upon successful confirmation, will be appointed at their current rank. The proposed Chair will be expected to develop a rigorous, independently funded and internationally recognized research program, and to support talent development in the field among students and colleagues. The candidate will contribute to service and teaching within The University of Winnipeg's undergraduate and/or graduate programs.

ELIGIBILITY

Eligibility criteria for **Tier 2 Chairs** are for exceptional emerging scholars employed by The University of Winnipeg who should, at a minimum, be assistant or associate professors, or possess the necessary qualifications to be appointed to these levels, and have ten or fewer 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 assessed through the program's Tier 2 justification process. Please contact Dylan Jones in the [Research and Innovation Office](#) for more information.

Tier 2 nominees should:

- be excellent emerging world-class 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;



THE UNIVERSITY OF
WINNIPEG

- as a chair holder, have the potential to attract, develop, and retain excellent trainees, students and future researchers.

EQUITY, DIVERSITY, AND INCLUSION CONSIDERATIONS

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. This personal statement can be appended to the application package as a separate document (maximum one page, single spaced, using 12-point Times New Roman font and ¾" margins).

The University of Winnipeg is committed to employment equity and welcomes diversity in the workplace. We encourage applications from all qualified individuals, especially candidates from equity-deserving groups including women, racialized persons, Indigenous persons, persons with disabilities, and 2SLGBTQ+ persons. In accordance with Canadian immigration requirements, first preference must be given to Canadian citizens and permanent residents of Canada.

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 Erin McCarthy in the Human Resources Office at 204-786-9132 to request this posting in an alternate format, or to confidentially discuss accommodation needs.

All internal candidates meeting the criteria for a Tier 2 Chair with research interests in the described area are encouraged to apply.