

**Canada Research Chair - Environmental and Public Health Genomics - Tier 2
Tenure-Track Position at the Rank of Assistant or Associate Professor**

Position # 002556TT-2024-SoECRC

Date Posted: April 12, 2024

The University of Windsor's School of the Environment in the Faculty of Science, seeks applications for a tenure track Assistant or Associate Professor position – Tier 2 Canada Research Chair in Environmental and Public Health Genomics with a preference for a person who self-identifies as a woman or minority sexual orientation and/or gender identity individual, commencing as early as September, 2024.

In pursuit of the University's commitment to employment equity, members from the designated groups are encouraged to apply and to self-identify. These groups include women, Indigenous/Aboriginal (First Nations, Métis, Inuit) persons, racialized persons, persons with disabilities, and persons of a minority sexual orientation and/or gender identity.

Canada Research Chair Position

This position will be appointed in the Faculty of Science, School of the Environment at the rank of Assistant or Associate Professor (tenure-track) with an opportunity for cross-appointment to the Department of Biomedical Sciences. The Tier 2 CRC program is intended for exceptional emerging scholars (i.e., an individual who has been an active researcher in their field who is normally within 10 years of their PhD conferral), recognized by their peers as someone who is performing high-impact research and creative activity at the national and international level, and has the potential to lead in this field for the foreseeable future. The successful applicant should, at a minimum, be an Assistant or Associate Professor or possess the necessary qualifications to be appointed at these levels. This position is subject to final budgetary approval and approval of the nomination by the Tri-agency Institutional Programs Secretariat (TIPS).

The Faculty of Science has world-class research facilities and strong national and international research programs. In collaboration with the [Great Lakes Institute for Environmental Research \(GLIER\)](#) and their Environmental Genomics Facility, [WE-SPARK Health Institute](#), regional health units, and the [International Joint Commission \(IJC\)](#), the incumbent will build on existing scholarship at the nexus of environmental and public health, strengthen our national leadership on Great Lakes environmental issues, contribute to regional public health research, advance the University's goal to enhance collaborations with government and position the University as a natural leader in meeting present and future environmental and public health challenges facing our region (i.e., climate change, spread of invasive species, waterborne disease-vectors (including wastewater-based epidemiology, drinking water safety, microplastics, algae blooms, beach safety, emerging contaminants, agricultural pathogens, air pollutants, etc.). With a strong background in genomics, the incumbent will cultivate new research collaboration opportunities and catalyze initiatives that bridge environmental health research with biomedical and clinical health research activities across the Faculty of Science. The successful candidate will lead multidisciplinary teams responsive to future environmental and public health funding opportunities across the Tri-Council and Genome Canada and will lead -omics and public health-based proposals for CFI and CFREF opportunities.

The successful candidate will be appointed to the Faculty of Science, and will build on existing strengths, cultivate new research collaboration opportunities, and contribute to emerging academic programming at the undergraduate and graduate levels. The successful candidate will also establish, coordinate, and lead collaborative teams engaging colleagues across campus (e.g., Faculty of Engineering, Faculty of Arts, Humanities, Social Science, and Indigenous Scholars), research institutes (GLIER, WE-SPARK, and the Black Scholars Institute), and regional public health units to address persistent environmental challenges and public health risks.

Lived Experience Statement

In pursuit of the University's equity goals, as outlined in the [University of Windsor's Equity, Diversity, Inclusion Action Plan](#) and in accordance with the [CRC Secretariat's policies on equity, diversity, and inclusion](#), the University is prioritizing applications from candidates who self-identify as women or minority sexual orientation and/or gender identity. The University of Windsor understands that one's gender expression takes many forms and welcomes applications from any candidate who identifies as a woman or minority sexual orientation and/or gender minority, including, but not limited to, applicants who may identify as Two-Spirit, transgender, and/or non-binary. In alignment with the University's employment equity policies, applicants are also encouraged to self-identify as racialized people, persons with disabilities, Indigenous peoples (First Nations, Inuit, Métis), and/or LGBTQ2S+. The lived experience of all applicants from equity groups will be taken into consideration as applicable to the posted position.

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

The following criteria apply to candidates being considered for this position:

The ideal candidate for the Tier 2 Canada Research Chair in Environmental and Public Health Genomics (with preference for a woman or gender minority) will be expected to satisfy the following:

- An exceptional emerging scholar with preference for a woman or minority sexual orientation and/or gender identity individual, and holds a Ph.D. in the environmental sciences, public health, or related fields. Candidates will have broad-based expertise in genomics and related emergent-omics fields (transcriptomics, proteomics, metabolomics) and the necessary qualifications to be appointed at the level of Assistant or Associate Professor. The candidate will be expected to propose an original, innovative research program of high caliber, transformative, and impactful research.
 - An emerging scholar is defined as a researcher who has obtained their Ph.D. within the last 10 years at the time of nomination. Applicants who are more than 10 years from having earned their Ph.D. degrees (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may still be eligible to apply through the CRC Tier 2 justification process. Please contact the Office of Research and Innovation Services at hpratt@uwindsor.ca for further details on requesting a CRC Tier 2 justification. Please also consult the [Canada Research Chairs website](https://www.chairs-chaire.gc.ca/program-programme/nomination-mise-en-candidature-eng.aspx) for more information regarding eligibility criteria and program information <https://www.chairs-chaire.gc.ca/program-programme/nomination-mise-en-candidature-eng.aspx>.
- A record of successes (or the potential for successes) in establishing, conducting, coordinating, and leading multi-disciplinary and collaborative research programs, including obtaining high-caliber external funding. This includes fostering relationships with the external community and stakeholders (e.g., governments and agencies) related to environmental and public health research and genomics. The successful candidate will establish their research program to complement the interdisciplinary research environment existing across the University's research community. The chairholder should have the potential to attract, develop, and retain excellent trainees, students, and future researchers.
- The ability to teach in the Faculty of Science and supervise undergraduate and graduate students as well as postdoctoral fellows. The University of Windsor is especially interested in candidates who are committed to advancing equity, diversity, and inclusion within the learning and research environment and who have a track record of, or the potential for attracting, developing, retaining, and working with diverse, excellent trainees, students, and future researchers from equity groups. This includes making learning accessible and inclusive for a diverse student population and providing mentorship and support to students and trainees from equity groups.
- The candidate should have demonstrated the potential to achieve or further augment their international recognition in their discipline within the next five to ten years.

The initial term of the Tier 2 CRC is five years with the possibility of renewal subject to satisfactory performance review as per [CRC policies and guidelines](#). The expiration of the Tier 2 CRC term will not impact the tenure-track appointment.

The University of Windsor

This opportunity aligns with the bold imperatives of the University of Windsor's strategic plan, [Aspire: Together for Tomorrow](#), ratified in Spring 2023. The University embraces a people-first philosophy grounded in a culture of research and academic excellence and deep belonging. Among key strategic priorities are advancing the journey towards truth and reconciliation; building a [just, equitable, diverse, and inclusive university](#); engaging in impactful research, scholarship, and creative activity; ensuring high-quality teaching, learning, and student experience; fostering a safe, welcoming, and sustainable campus; and engaging in local and global partnerships. The University has already made significant strides on many of these key opportunities, and we are seeking candidates interested in working alongside us to advance them even further. Driven by the University's commitment to anti-racism, the [Black Studies Institute](#) was established in 2023 supported by a historic [cohort hiring initiative](#) that has welcomed thirteen Black scholars to the University of Windsor across several of our faculties. The recent cohort of new Black scholars joining the University is among the most diverse in our history.

Our campus is situated on the traditional territory of the Three Fires Confederacy of First Nations: the Ojibwa, the Odawa, and the Potawatomi. We are making steady progress on the [Indigenization](#) of academic programming, developing an Indigenous Strategic plan, and have supported a cohort hire of Indigenous scholars in 2018-19 which has been followed with additional hiring of Indigenous scholars across our campus community. Our students mirror the extraordinary cultural richness of our region, one of the most diverse in all of Canada. We have numerous strong global partnerships and commitments, which are reflected in the increasing number of graduate and undergraduate students we attract from across the world. Our exceptional international partnerships enable and enhance our global research and innovation activities, making the University of Windsor an ideal institution to support a Canada Research Chair in internationalizing their research programs. The University is a signatory to the Scarborough Charter, participates in the Federal 50/30 Challenge, and endorses the Government of Canada's Dimensions Charter.

The University of Windsor is a Canadian public, comprehensive research university enrolling over 16,000 students, including 5,700 graduate students. It offers more than 280 academic programs and certificates, including 70 master's and doctoral degrees across its nine faculties: Arts, Humanities, and Social Sciences; Business; Education; Engineering; Graduate Studies; Human Kinetics; Law; Nursing; and Science. It also houses a medical program through the Schulich School of Medicine and Dentistry at Western University. Our current tenured and tenure-track faculty numbers are close to 600 scholars from across a breadth of disciplines that support our comprehensive academic and research core competencies.

Application Requirements:

- A letter of application demonstrating how you meet the selection criteria outlined above, including a statement of citizenship/immigration status and describing, if applicable, the impact that career interruptions may have had on research productivity (1 – 2 pages).
- A curriculum vitae.
- A research statement that includes your vision for the next 3-5 years (5 pages maximum)
- A teaching statement that describes your teaching philosophy, interests, history and evidence of teaching effectiveness. (2 pages maximum).
- An equity, diversity and inclusion (EDI) statement on your contributions to inclusive excellence in teaching, research, or service in academic, professional or community contexts, including a description of how you will advance the University's commitment to fostering an equitable, diverse, and inclusive campus and research community (2 pages).
- Up to four (4) samples of most significant scholarly work.
- List of three (3) referees including only their names and contact information.

The University understands that there may have been breaks in research and scholarly activity for a variety of reasons, including equity considerations (e.g., gaps resulting from caregiving responsibilities or disability), and/or as a result of the COVID-19 pandemic. These gaps will not adversely impact the assessment of candidate files. Support is available to assist candidates with the recruitment and application process; therefore, early expressions of interest are encouraged.

The short-listed candidates may be invited to provide further information in support of their applications. To ensure full consideration, complete an **online application** (<http://www.uwindsor.ca/facultypositions>) found on the job advertisement by **May 31, 2024 (Deadline extended)**. Applications may be considered after the deadline date; however, acceptance of late submissions is at the discretion of the appointments committee.

Any questions may be sent to:
Dr. Shanthi Johnson, Vice-President, Research and Innovation,
Tel: (519) 253-3000 Ext. 5003
E-mail: vpri@uwindsor.ca

The University of Windsor is a welcoming community committed to equity and diversity in our teaching, learning, and work environments. In pursuit of the [University's Employment Equity Plan](#), members from the designated groups (Women and whom self-identify as a Woman and gender minorities) are encouraged to apply and self-identify. We also encourage applications from candidates who self-identify as women and as racialized, Indigenous, a person with disability, and/or LGBTQIA2S+. We realize the potential impact that career interruptions can have on a candidate's record of research and achievement. Candidates are encouraged to explain in their applications the impact that career interruptions may have had on their record of research achievement. Further details on "Career Interruptions" may be found at CRC's Guidelines to ensure a fair and transparent recruitment and nomination process at https://www.chairs-chaire.gc.ca/program-programme/admin_guide-eng.aspx. If you need accommodation for any part of the application and hiring process, please notify the Faculty Recruitment Coordinator (recruit@uwindsor.ca). Should you require further information on accommodation, please visit the [Office of Human Rights, Equity & Accessibility](#) website. All qualified candidates are encouraged to apply. Canadians and permanent residents will be given priority. This position is subject to final budgetary approval.

The University of Windsor is committed to employment equity. It supports reaching and maintaining a diverse and inclusive representation amongst the Canada Research Chair holders at the University of Windsor along with the goal of excellence in research and Highly Qualified Personnel (HQP) training and development. For further details on the University of Windsor's commitment to CRC equity, diversity, and inclusion, please visit <https://www.uwindsor.ca/research-innovation-services/608/crc-equity-diversity-and-inclusion>.

For more information on the University of Windsor, please visit the University website at <http://www.uwindsor.ca>.