

NSERC Canada Research Chair Tier I | Professor or Associate Professor, Tenured  
Human Responses and Solutions to Extreme Workplace and Ambient Environments

This position is part of the BUFA (Employee Group)

Careers are Built at Brock.

As a Top Employer in Hamilton-Niagara, Brock University offers unique opportunities in leadership, teaching, research, student support services, and administration. We have a history of developing the strength and career potential of our employees.

We are on the cusp of something new and exciting. We are launching into our next 50 years and are looking for people with passion, energy, and a strong desire to help our students achieve their goals. Experience Brock, experience success.

Post End Date:

Note to all candidates: This posting will close at 12:01 am on the date listed.

October 27, 2021

The Department of Kinesiology in the Faculty of Applied Health Sciences at Brock University is seeking applications from outstanding scientists for a NSERC Tier 1 Canada Research Chair in Human Responses and Solutions to Extreme Workplace and Ambient Environments. The selected candidate will be appointed at the rank of Professor (or Associate Professor, subject to qualifications) with tenure. Brock University is committed to providing the selected candidate with the support required to prepare a nomination to the next available deadline for the Canada Research Chair (CRC) Program. Nominations for CRCs are subject to review and final approval by the CRC Secretariat. Appointment as a Professor (or Associate Professor) is not contingent upon the outcome of the CRC nomination.

Expressions of interest are solicited in the influences of environmental stressors on applied physiology, human performance in the workplace and/or sport, ergonomics, and human technology. The successful candidate's work should contribute to the recommendation of physiological, ergonomic, and equipment strategies to improve response(s) to injury, workplace safety and human performance, and general human health observed in extreme environments and workplaces.

The position will complement current research expertise in Kinesiology, notably a former Tier 2 CRC in Environmental Ergonomics and a current Tier 2 CRC in Neuromuscular Mechanics & Ergonomics, along with other departments (e.g., Health Sciences, Psychology, and Biological Sciences) and potential synergies with Brock's developing Engineering program, furthering Brock's international reputation in these areas.

Candidates should have a strong record of translational research in order to support fundamental and applied research; develop research partnerships with the community and local industry; address issues related to environmental factors, ergonomics and human performance through research and outreach activities; and support and strengthen Brock's transdisciplinary hubs.

Brock University is committed to building inclusivity and equity through understanding and respect for diverse identities, and to reflecting this in our approaches to teaching and learning, research and creativity, administration and service provision, and community engagement. Our commitment to equity, diversity, and inclusion is grounded in the recognition that the strongest research, scholarship, and creative activity and the best research training environment require engagement of scholars from diverse backgrounds.

## Faculty of Applied Health Sciences

The Faculty of Applied Health Sciences at Brock University is a leader in interdisciplinary research and home to five academic departments: Kinesiology, Health Sciences, Nursing, Recreation and Leisure Studies, and Sport Management. The Faculty is a dynamic and vibrant academic environment with over 90 faculty members, 25 staff, over 4400 undergraduate students and 250 graduate students. The Faculty offers unique, interdisciplinary graduate programs at the master's and doctoral levels, including two MSc (Kinesiology; Health Sciences), a Master of Professional Kinesiology, a Master of Applied Gerontology, a Master of Public Health, five MA (Community Health; Leisure Studies; Nursing; Health and Physical Education; Sport Management) and three PhD fields (Health Biosciences; Behavioural and Population Health; Social and Cultural Health Studies).

The selected candidate will join the Department of Kinesiology. As a research-intensive department, Kinesiology provides an ideal environment for an expert in this field. The Department of Kinesiology has housed four Tier 2 CRCs and several leading researchers who focus on processes characteristic of specific stages in life (in utero, growing years, old age). Thus, a CRC focusing on human responses and solutions to extreme workplace and ambient environments will not only complement the current areas of research in the Faculty of Applied Health Sciences but will also enjoy momentous support. Applicants are also encouraged to establish links between their research program and University research/academic centres within and beyond the Faculty of Applied Health Sciences. Information on the Department of Kinesiology can be found at <https://brocku.ca/applied-health-sciences/kinesiology/>

## Eligibility & Application Process

Candidates will be at the rank of Professor (or Associate Professor who might expect to be promoted within one or two years of the nomination). They must be outstanding researchers acknowledged by their peers as world leaders in this field, and to have an established record of excellence in research and mentorship, and success in external research grant competitions. Differing career patterns may be more common among members of designated groups, and those who have experienced leaves from the workplace. These differences will be taken into account in assessing the experiences and qualifications of applicants. The successful candidate will be subject to review and final approval by the CRC Secretariat; and will be eligible to hold a tenured appointment at the rank of Professor or Associate Professor. Alternatively, if a candidate comes from outside the academic sector, they must possess the necessary qualifications to be appointed at these levels.

Candidates are invited to submit an application that includes the following:

- an updated and complete curriculum vitae.
- a letter of interest (maximum 3 pages) outlining:
  - i. their qualifications for a successful Tier 1 Chair nomination funded by the Natural Sciences and Engineering Research Council of Canada;
  - ii. the fit of their profile and expertise with one or more of the identified research areas;
  - iii. their vision for the future research program for the Chair;
  - iv. novel opportunities for training highly qualified personnel; and
  - v. the potential for the Chair to enhance the scholarly leadership and innovation capacity of the Department, Faculty and University in strategic areas.
- a statement of teaching and mentorship philosophy and interests related to departmental programs and strategies to support diverse students (maximum 2 pages).
- a statement of strengths and experiences in increasing EDI in their previous institutional environment, in curriculum, and in supporting diverse students (maximum 1 page).
- the names and contact information of three referees from whom confidential letters of assessment that speak to the candidates' quality of being a Tier 1 CRC as well as a faculty member, can be obtained.

Please apply online using the “[Apply](#)” button.

Review of applications will start **October 27, 2021**, and will continue until the position is filled.

The effective date of appointment is July 1, 2022, provided that the successful candidate will submit a nomination for the Tier 1 Canada Research Chair in October 2022.

The appointment is subject to budgetary approval. Eligibility criteria and CRC program information can be found at the following website: <http://www.chairs-chaires.gc.ca>. Benefits associated with such Chairs include teaching release and start-up funds.

For additional information please contact:

**Dr. Philip Sullivan, Chair, Department of Kinesiology, [psullivan@brocku.ca](mailto:psullivan@brocku.ca)**

Initial posting date: August 19, 2021.

## Our Commitment

Brock University is actively committed to diversity and the principles of employment equity and invites applications from all qualified candidates. Women, Aboriginal peoples, members of visible minorities, people with disabilities and lesbian, gay, bisexual, transgender, and queer (LGBTQ) persons are encouraged to apply and to voluntarily self-identify as a member of a designated group as part of their application. LGBTQ is an umbrella category and shall be read to include two-spirited people. Candidates who wish to be considered as a member of one or more designated groups can fill out the Self-Identification questions included in the questionnaire at the time of application.

All qualified candidates are encouraged to apply; however Canadian citizens and permanent residents will be given priority. We will accommodate the needs of the applicants and the Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act (AODA) throughout all stages of the selection process, as outlined in the Employee Accommodation Policy <https://brocku.ca/policies/wp-content/uploads/sites/94/Employment-Accommodation-Policy.pdf>. Please advise: [talent@brocku.ca](mailto:talent@brocku.ca) to ensure your accessibility needs are accommodated through this process. Information received relating to accommodation measures will be addressed confidentially.

We appreciate all applications received; however, only candidates selected for an interview will be contacted. **As a result of Brock University’s current remote operational model, interviews at this time will be conducted virtually.**

Learn more about Brock University by visiting [www.brocku.ca](http://www.brocku.ca)