

CIHR Tier 2 Canada Research Chair in Tissue Remodelling and Plasticity throughout the Lifespan

The Department of Kinesiology in the Faculty of Applied Health Sciences at Brock University is seeking applications from outstanding scientists for a CIHR Canada Research Chair (CRC, Tier II) in Tissue Remodelling and Plasticity throughout the Lifespan. The successful candidate will be subject to review and final approval by the CRC Secretariat; and will be eligible to hold a tenure-track appointment at the rank of Assistant or Associate Professor.

Expressions of interest are solicited in the field of Tissue Remodelling and Plasticity with a focus on understanding the cellular mechanisms of tissue (mal)adaptation and repair throughout the lifespan, and how the changes are influenced by growth, aging, (in)activity and/or (mal)nutrition. This is a high-profile research area, which relies on advanced techniques (epigenetics, metabolomics, proteomics, and various types of imaging) to examine processes that occur throughout the lifespan or specifically, at explicit stages in life. A non-exhaustive list of general topics in the area include:

- cellular programming and lifestyle factors
- environmental stress and tissue (mal)adaptation
- tissue regulation and plasticity
- epigenetics
- progenitor cells, stem cells and satellite cells

The CRC with a focus on cellular mechanisms of tissue adaptation and plasticity throughout the lifespan will complement current research expertise in the Departments of Kinesiology, Health Sciences, Psychology and Biological Sciences at Brock University, creating a substantial concentration in this area. We are particularly interested in applicants who can address scientific problems across the lifespan, and who can combine diverse approaches and methodologies in their research program. Candidates must currently hold an academic appointment at the rank of Assistant or Associate Professor and 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, physical activity and nutrition through research and outreach activities; and support and strengthen Brock's transdisciplinary hubs.

Candidates should have an established record of excellence in research and mentorship, and success in external research grant competition. They must also be able to demonstrate strong communication to both academic and community audiences. Candidates are invited to submit an application that includes the following:

- an updated and complete curriculum vitae
- a letter of interest (maximum 2 pages) outlining:

- their qualifications for a successful Chair application
- the fit of their profile and expertise with one or more of the identified research areas
- their vision for the future research program for the Chair
- novel opportunities for training highly qualified personnel
- the potential for the Chair to enhance the scholarly leadership and innovation capacity of the Faculty and University in strategic areas
- the names and contact information of three referees

The anticipated start date for this position is July 1, 2019.

The appointment is subject to budgetary approval. Eligibility criteria and CRC program information can be found at the following website: <http://www.chairs-chaire.gc.ca>. Benefits associated with such Chairs include teaching release and start-up funds. Tier II Chairs are intended for exceptional emerging scholars (i.e., candidates must have been active researchers in their field for fewer than 10 years 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 Geoffrey Waters, Director, Research Services (gwaters@brocku.ca) for more information.

Please apply online using the “Apply” button. Within the [online application system](#) candidates must submit a letter of application, a statement of research interests, a statement of teaching interests related to departmental programs, a curriculum vitae, and the names and contact information for three references as part of their application (a single PDF document is preferred) via the online application system. (Note: file maximum of 5MB per upload. Supplemental application information beyond the 5MB limit can be sent to psullivan@brocku.ca). The closing date for applications is December 15, 2018. For additional information please contact:

Dr. Philip Sullivan, Chair, Department of Kinesiology, psullivan@brocku.ca

All interested candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Brock University is actively committed to diversity and the principles of employment equity and invites applications from all interested 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. Candidates who wish to be considered as a member of one or more designated groups should fill out the Self-Identification questions included in the questionnaire at the time of application. 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 considered in assessing the experiences and qualifications of members of these groups, or those who have experienced leaves from the workplace.

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](#). Please advise Dr. Philip Sullivan to ensure your accessibility needs are accommodated through this process. Information received relating to accommodation measures will be addressed confidentially.

Initial posting date October 12, 2018