



Brock
University



Canada Impact+ Emerging Leader in Human Cardiovascular Physiology (Assistant Professor, Probationary Tenure-Track)

This position is part of the BUFA (Employee Group)

Brock University is located on the traditional territory of the Haudenosaunee and Anishinaabe peoples, many of whom continue to live and work here today. This territory is covered by the Upper Canada Treaties and is within the land protected by the Dish with One Spoon Wampum Agreement.

We are one of Canada's outstanding comprehensive universities, where excellence and innovation thrive! Brock has been recognized as a Top Employer in Hamilton-Niagara for seven consecutive years. We have been ranked #3 as Canada's Best Employers and top 10 as one of Canada's Best Employers for Diversity. For 2025, Brock has been proudly recognized as one of Canada's Top Employers for Company Culture, ranked seventh by Forbes in partnership with Statista. At Brock, you will find a welcoming, inclusive community and an exciting range of meaningful career opportunities.

Ignite new possibilities for your career. Break through at Brock.

Post End Date:

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

May 13, 2026

About the Program and Position

The Departments of Health Sciences and Kinesiology in the Faculty of Applied Health Sciences welcome applications from early career scientists for an independent research program in Human Cardiovascular Physiology for consideration as nominees to the Canada Impact+ Emerging Leaders competition, aligning with a Canada Impact+ Research Chair in Human Mobility and Wearable Technologies.

The Canada Impact+ Research Chairs program represents a \$1 billion investment over 12 years from the federal government to support institutions in attracting internationally renowned researchers currently living and residing outside Canada. Impact+ Chairs are awarded in [strategic priority areas](#) established by the Government of Canada to address pressing global and domestic challenges, strengthen Canada's contribution to international research and innovation, and generate lasting social and economic benefits for Canada and the world. A core expectation is that Chairs and their research teams will build significant new partnerships and actively mobilize research outcomes into practice, policy, and commercialization pathways. Impact+ Chairs will receive long-term funding and institutional support to advance ambitious and transformative projects while actively developing the next generation of highly qualified personnel.

Valued at \$600,000 over six years, the Impact+ Emerging Leader award funds salaries, benefits, and research activities to help recruit internationally based Early Career Researchers (ECRs). A six-year funded extension, at 100% of the original award value, may be possible contingent on confirming the person recruited as an ECR has progressed in their academic career and demonstrates the research conducted since the recruitment has been transformational, translational and has garnered partners. The ECR in Human Cardiovascular Physiology must be aligned with the following federal strategic priority area: health including biotechnology. The selected ECR will be expected to have an independent program of research from the Impact+ Chair, with potential for impact through collaboration.



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The Impact+ recruitment process requires interested applicants to apply to this institutional posting. For more information, including eligibility criteria, visit the [Canada Impact+ Research Chairs Program website](#). Impact+ nominations are subject to review and final approval through the Impact+ Emerging Leaders program.

For questions about Brock's Impact+ process, please contact Samantha MacLean (smaclean@brocku.ca).

About Brock University

The Brock University experience is second to none in Canada. Strategically located in historic Niagara region between Toronto and Buffalo, Brock offers all the benefits of a modern university in a safe, community-minded city, with beautiful natural surroundings as well as easy access to continental and international centres. With over 18,000 students and more than 100 undergraduate and graduate programs in seven diverse Faculties, Brock excels at providing exceptional experiential learning opportunities and highly rated student and campus life experiences.

Our Geography

Brock University's main campus is situated atop the Niagara Escarpment, within a UNESCO World Biosphere Reserve, overlooking the city of St. Catharines, in the heart of Niagara wine country. The Niagara region is dotted with landmarks that recognize our nation's history and features breathtaking natural beauty and world-famous attractions. St. Catharines is home to vibrant arts and entertainment venues, and is a short drive from Toronto, Niagara Falls, and Buffalo, New York, providing easy access for continental and international collaboration. With one of the warmest climates in Canada, clean, safe communities, and surprisingly affordable real estate, Niagara is an exceptional location to call home.

What We Offer

Brock University offers competitive salary and benefits and ample support for research and sabbaticals. Research resources include conference support, start-up funding, subscriptions to major databases, and access to various research funding vehicles. Benefits associated with Impact+ Emerging Leader appointments also include partial teaching release and start-up research funds. Relocation expenses will be administered according to the [Faculty Association Collective Agreement](#).

Faculty of Applied Health Sciences

The Faculty of Applied Health Sciences is home to 5 academic Departments: Health Sciences, Kinesiology, Nursing, Recreation and Leisure Studies, and Sport Management. The Faculty is a dynamic and vibrant academic environment with 109 faculty members, 49 staff, ~5,000 undergraduate students, and ~290 graduate students. The Faculty of Applied Health Sciences at Brock encourages collaboration between its different programs resulting in groundbreaking interdisciplinary research and courses. Please see <https://brocku.ca/applied-health-sciences/>.

Departments of Health Sciences and Kinesiology

The selected candidate will have a primary appointment in the Department of Health Sciences with a cross-appointment in the Department of Kinesiology. Both departments house a multidisciplinary community of scholars recognized for their innovative, influential, and on-trend research programs focused on important health issues. Both departments also have strong records of obtaining and supporting Canada Research Chairs, both Tier I and Tier II and aligned with all three Tri-Council funding agencies (see <https://www.canada.ca/en/research-coordinating-committee/corporate/canadas-research-funding-ecosystem.html>). This Impact+ Emerging Leader will be part of the strategic plan for Brock's Departments of



Health Sciences and Kinesiology to create an internationally renowned cluster in human health and physiology. Affiliations to other institutes and centers are encouraged, especially the Bfit Centre. Both the Departments of Health Sciences and Kinesiology enjoy large undergraduate and graduate student populations as well as active, diverse, and collaborative research faculty who have been continuously recruiting, training and retaining the largest number of high qualified personnel (HQP). This large and diverse pool of HQP is the result of the Faculty of Applied Health Sciences successful and systematic recruitment strategies, as evidenced by the number of yearly awarded tri-council scholarships. Cross-appointed in the Departments of Health Sciences and Kinesiology, the ECR in Human Cardiovascular Physiology will expand on existing areas of excellence and expertise available across the Departments. This is an exceptional opportunity for an emerging scholar to invest in this reputation, while facilitating the development of a unique research niche.

Qualifications

The optimal candidate will have a history of demonstrating excellence in areas of human cardiovascular physiology in both healthy and clinical populations, working in collaborative interdisciplinary environments. We are looking for an international ECR in human cardiovascular physiology with expertise across any of these relevant subfields, including pathophysiology and cardiac rehabilitation, bringing a body of coherent research and associated impact to both the Departments of Health Sciences and Kinesiology, as well as the Bfit Centre.

The ideal candidate will have a strong potential of securing external research funding, generating high quality scholarly outputs and training highly qualified personnel. The successful candidate will be expected to teach existing courses while also developing new courses in the Departments of Health Sciences and Kinesiology and supervise undergraduate and graduate students.

As required by Brock University, candidates must hold a PhD in Health Sciences, Kinesiology, or related field, and have strong experience specializing in human cardiovascular physiology with an added benefit demonstrating the ability to transfer research to clinical applications. Applicants are also expected to demonstrate a continuous commitment to mentoring and training undergraduate and graduate students, postdoctoral scholars, and research technicians.

Eligible to apply are only individuals working and residing outside Canada and are an [Early Career Researcher](#).

The successful candidate must be an emerging scholar with promise of research leadership in Human Cardiovascular Physiology. The area of expertise is open and may include, but is not limited to, subfields such as clinical exercise physiology, pathophysiology and cardiac rehabilitation. The successful candidate will have expertise in fundamental physiological processes including mechanisms underlying health in general, cardiovascular health, aging, as well as the impact of lifestyle and environmental factors on human physiological function. Research that examines sex- and gender-related differences in physiology, including the effects of female-specific biological transitions such as menopause, is welcome. Experience using advanced methodologies in human physiology research including ultrasound, magnetic resonance, optical imaging, or other integrative physiological and/or molecular mechanism assessment techniques, would be considered an asset.

The Impact+ Emerging Leader will have the opportunity to collaborate with the Brock Functional Inclusive Training (Bfit) Centre and the Lifespan Development Research Institute to support Brock's active research related to community health and exercise programs to improve health and quality of life in older adults, cardiac patients, and individuals with neurological disorders. The Impact+ Emerging Leader will augment this research by establishing a research program focused on an area of human cardiovascular physiology that



could include individual and community-based interventions that protect and restore physiological function including cardiocirculatory function to reduce the risk of a collection of health conditions and chronic diseases. The scholar will also contribute to the training, mentorship, and well-being of Brock undergraduate and graduate students through teaching and research supervision.

Equity Considerations

Brock University is committed to building inclusivity and equity through understanding and respect for diverse identities. These commitments are reflected in our approaches to teaching and learning, scholarly and creative work, 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.

Equity, diversity, and inclusion are embedded throughout Brock University's [Institutional Strategic Plan 2025-2030](#). The University welcomes diverse perspectives and creates the conditions for everyone to flourish and thrive. We value and celebrate one another as we journey together toward a more equitable and inclusive tomorrow. We believe strongly in our responsibility to act with honesty, integrity, collegiality, inclusivity, and transparency. We earn the respect and admiration of others – making our University, our region, and our world a better place. We embrace new thinking and welcome fresh ideas. Natural optimists, we have the creativity and courage to challenge conventional thinking to generate, translate, and mobilize knowledge for a better future.

Consistent with [Brock University's Equity, Diversity, and Inclusion Action Plan](#), in recognition of and pursuant to Section 14 of the Ontario Human Rights Code, Indigenous peoples, members of racialized groups, people with disabilities, women, and Two-Spirit, lesbian, gay, bisexual, transgender, and queer (2SLGBTQ+) persons are encouraged to apply and to voluntarily self-identify as a member of one or more designated groups as part of their application. This information will be securely accessed to fulfill this hiring initiative and to ensure accurate data regarding Brock's Research Chairs program.

Brock University recognizes that life circumstances such as illness, disability, family and community responsibilities are expected to have an impact on an applicant's record of research achievement. Differing career patterns may be more common among members of designated groups and those who have experienced workplace leaves. Applicants are invited to include a description of relevant considerations in their application materials. Please visit the [Canada Research Chair Program Guidelines for Assessing the Productivity of Nominees](#) for examples of circumstances that may impact an applicant's record of achievement. These impacts will be taken into careful consideration during the assessment process.

Application Process and Timeline

Applications must be submitted electronically through the Brock Careers website using the "Apply" button. A single PDF document containing all application elements is preferred. (Note: File maximum of 5MB per attachment upload.) If needed, supplemental application information beyond the 5 MB limit can be sent to the Chair of the Search Committee, E-mail: tmundel@brocku.ca.

Application elements include the following:

- 1) A letter of interest (1 page maximum) outlining:
 - a. your qualifications for a successful Impact+ Emerging Leader nomination;
 - b. alignment of your profile and expertise with this Impact+ Emerging Leader position; and
 - c. definition that you hold for research excellence and impact.



- 2) A description of your program of research (3 page maximum), including:
 - a. your short-term and long-term vision for your future research program as an Impact+ Emerging Leader at Brock;
 - b. novel opportunities for training/supporting scholars and/or students within a variety of research contexts; and
 - c. the potential for the Emerging Leader to enhance your scholarly leadership and innovation capacity within the Department, Faculty, and University in strategic areas
(Note: Please include your alignment with the Impact+ priority areas, primarily in health, including biotechnology).
- 3) An updated and complete curriculum vitae, which may highlight both traditional (e.g., grants, presentations, peer-reviewed scholarly and creative work) and non-traditional (e.g., community engagement initiatives, reciprocity in the form of partnerships and collaborative practices, advocacy work, knowledge translation, and other modes of scholarship that are relevant to your program of research) metrics of research excellence.
- 4) A statement (2 page maximum) of teaching and mentorship philosophies, teaching experiences, interests related to Departmental and Faculty programs, and strategies to support diverse student populations.
- 5) A statement (2 page maximum) of strengths and experiences in supporting Indigenous engagement, equity, diversity, and inclusion for their discipline through research, curriculum, advocacy, community outreach or engagement, and student support.
- 6) Names and contact information of three academic referees who could provide confidential letters of assessment that speak to the candidate's suitability to hold a tenure-track faculty position as an Impact+ Emerging Leader. Letters will not be requested unless an applicant is short listed.

Impact+ nominations are subject to review and final approval through the Impact+ program. The appointment will be at a probationary tenure-track faculty level at the rank of Assistant Professor, contingent upon the outcome of the Impact+ nominations of both the Research Chair and the ECR.

The closing date for the position is May 13, 2026 at 12:01 a.m. The last business day to apply is May 12, 2026.

Applications can be submitted at the following link:

https://brocku.wd3.myworkdayjobs.com/brocku_careers/job/St-Catharines-Main-Campus/Canada-Impact--Emerging-Leader-in-Human-Cardiovascular-Physiology--Assistant-Professor--Probationary-Tenure-Track-_JR-1023309

If you require any accommodations at any point during the application and hiring process, please contact Jenna Richards at jbarnes@brocku.ca.

Review of applications will begin upon closing. Candidate interviews will be held in May-June 2026. Although we appreciate all applications received, only candidates selected for an interview will be contacted.

Impact+ Emerging Leaders and accompanying family members (spouse and dependent children under 22) will be eligible for fast-track work permit approvals under the Global Skills Strategy, with a target of 2-week processing. Researchers recruited under this initiative will have access to existing economic immigration streams, with accelerated transitions to permanent residency for selected high-skilled workers.



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It is anticipated that a decision from the Impact+ Program is in June 2026 with an award start date of September 2026. The effective date for the academic appointment may be between September 2026 and June 2027 and is negotiable with the Faculty Dean. Nominees are expected to begin their appointment within 12 months of the Impact+ Research Chairholder accepting the award.

The appointment is subject to budgetary approval and dependent on the success of the Impact+ Research Chair award.

The target hiring range for this position is \$127,000 - \$140,000. The final salary will be determined based on relevant experience, internal equity, and budget considerations.

Inquiries should be directed to Chair of the Search Committee at tmundel@brocku.ca

Original Posting Date April 13, 2026

Our Commitment

Brock University is actively committed to diversity and the principles of employment equity and invites applications from all qualified candidates. Women, Indigenous (First Nations, Métis, Inuit) peoples, Black people, people with disabilities, members of visible minorities/racialized groups, and Two-Spirit, lesbian, gay, bisexual, transgender, queer, intersex, and additional sexually and gender diverse (2SLGBTQI+) 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 Form and include the completed form with their 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 Employment Accommodation Policy <https://brocku.ca/policies/wp-content/uploads/sites/94/Employment-Accommodation-Policy.pdf>. Please advise: 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.

Learn more about Brock University by visiting www.brocku.ca