

Canada Research Chair (CRC) Tier II in Applied Physiology of Healthy and Active Aging

Last updated: October 20, 2023, 10:37 a.m.

Job title: Canada Research Chair (CRC) Tier II in Applied Physiology of Healthy and Active Aging

Position code: 23_C_HKAP_M

Date posted: October 20, 2023

Application deadline: December 15, 2023

Advertised until: Position is filled

Position description

The Department of Health, Kinesiology, & Applied Physiology in the Faculty of Arts and Science at Concordia University invites applications for a Canada Research Chair (CRC) Tier II in Applied Physiology of Healthy and Active Aging, a research-intensive tenure-track faculty position. We are seeking candidates who will conduct cutting-edge research in areas of specialization that can include (but are not limited to) the processes whereby various physical activity programs, alone or combined with other lifestyle interventions (nutrition, sleep, etc.), can induce health-enhancing effects on aging cardiovascular, respiratory, neuromuscular, musculoskeletal and/or bioenergetic systems. They could, for example, employ multimodal approaches (physiological and behavioral assessments, imaging, electrophysiology, genetics, biological samples, etc.) to identify markers of healthy aging in active versus inactive seniors. The successful candidate will have opportunities to establish collaborations in Montreal and across the province of Quebec, where leading-edge research in aging and health is ongoing, with strong links already established between Concordia and leading health research centers on aging such as the CRIUGM. The successful candidate will have opportunities to collaborate with and the possibility of joining Concordia's new School of Health, the PERFORM centre, and the rapidly expanding aging research community at Concordia affiliated with the research center on aging (engAGE).

Qualifications and assets

Candidates must have a PhD in a field related to aging research or a related discipline and have relevant postdoctoral training with a focus on aging. The successful candidate will provide evidence of an outstanding record of research and peer-reviewed publications in high impact journals, a demonstrated ability to secure external funding and an innovative research program in the physiology of aging and health, taking into full consideration career stage, career breaks and special circumstances. The successful candidate will have the potential to further develop existing and new collaborative relationships with government and community organizations, with other members of the Faculty of Arts and Science, as well as nationally and internationally, to achieve international recognition as required by the CRC Tier II program, to attract high quality research students and trainees, and to contribute to excellent teaching and mentoring at both the undergraduate and graduate levels.

Candidates eligible for Tier II chair positions must be excellent emerging scholars within 10 years of their highest degree at the time of nomination (exclusive of career interruptions). Potential Tier II candidates who are more than 10 years from their highest degree should take note that certain career interruptions may still make them eligible for nomination. Potential candidates are encouraged to submit a formal justification by means of the Tier II Justification Assessment Form, which will be considered in the review of applications. Please consult the [Canada Research Chairs website](#) for full program information, including further details on eligibility criteria and acceptable justifications to the extension of the eligibility term.

Notwithstanding the above and irrespective of their submission of a formal justification, candidates are encouraged to share any career interruptions or personal circumstances that may have had an impact on their career goals (such as the decision to have a family, eldercare, illness, and so forth) in their letter of application. These will be carefully considered in the assessment process. The Department values diversity among its faculty and strongly encourages applications from women and members of underrepresented

groups. Concordia University is an English-language institution of higher learning at which the primary language of instruction and research is English. Since this position supports academic functions of the university, proficiency in English is required. Working knowledge of French, including reading and grading student work in French, is an asset.

How to apply

All qualified candidates are encouraged to apply; Canadians and Permanent Residents will be given priority. To comply with the Government of Canada's reporting requirements, the University is obliged to gather information about applicants' status as either Permanent Residents of Canada or Canadian citizens. While applicants need not identify their country of origin or current citizenship, all applicants must include one of the following statements:

Yes, I am a citizen or permanent resident of Canada

or

No, I am not a citizen or permanent resident of Canada

Application packages should be addressed to Dr. Nancy St-Onge, Acting Chair of the Department of Health, Kinesiology, and Applied Physiology and must include a cover letter clearly identifying the title and position code **[23_C_HKAP_M]**, a detailed curriculum vitae, copies of no more than 3 representative publications, a statement of research/achievements, a statement of teaching philosophy/interests and evidence of teaching effectiveness (teaching evaluations if applicable) and three letters of support. Applications should be submitted electronically to liz.fradette@concordia.ca, with the subject heading CRC Application, by **December 15, 2023**, but will continue to be reviewed until the position is filled. Only short-listed candidates will be notified. The appointment is expected to commence in **August 2024**.

Concordia University is strongly committed to building a diverse, equitable, and inclusive community, and recognizes the importance of inclusion in achieving excellence in teaching and research. As part of this commitment to providing our students with the dynamic, innovative, and inclusive educational environment of a Next-Generation University, we require all applicants to articulate in their cover letter how their background, as well as lived and professional experiences and expertise have prepared them to teach in ways that are relevant for a diverse, multicultural contemporary Canadian society.

Possible examples to demonstrate a diverse experience may include, but are not limited to:

- teaching about underrepresented populations
- mentoring students from underrepresented backgrounds
- relevant community work
- offering or organizing educational programming
- participation in training and workshops

All applicants will receive an email invitation to complete a short equity survey. Participation in the survey is voluntary and no identifying information about candidates will be shared with hiring committees. Candidates who wish to self-identify as a member of an underrepresented group to the hiring committee may do so in their cover letter or by writing directly to the contact person indicated in this posting.

Adaptive measures

Applicants who anticipate requiring adaptive measures throughout any stage of the recruitment process may contact, in confidence, Anna Barrafato, Accessibility Change Lead: anna.barrafato@concordia.ca or by phone at 514-848-2424 extension 3511.

Information about the Department

The Department of Health, Kinesiology, & Applied Physiology is committed to teaching and research in exercise, health, and physical activity, with emphasis on athletic therapy and kinesiology and clinical exercise physiology. Access to our facilities in the Richard J. Renaud Science Pavilion on the Loyola campus and to the School of Health's state-of-the-art facility, the PERFORM Centre, which includes eight specialized and fully equipped research platforms, give students a unique university experience with knowledgeable and dynamic faculty, advanced laboratory equipment, and a valuable student learning laboratory. Our Major, Specialization, and Honours programs prepare undergraduate students to play an active role in helping individuals maintain and improve health, fitness, and athletic performance. Graduate students work with faculty on important fundamental and clinical research questions in the basic mechanistic sciences, in the clinical areas of injury prevention and care, and in the chronic care of certain diseases.

Information about the Faculty of Arts and Science

The Faculty of Arts and Science is the largest faculty at Concordia. Through our 27 departmental units and our several research centers, we foster an inclusive and supportive environment, where knowledge generation and innovation thrive in the Humanities, the Social and the Natural Sciences. We have a strong tradition of connection with communities. Our research and creative activities are both disciplinarily grounded as well as resolutely interdisciplinary and interconnected. Our scholars tackle the complex issues facing our world globally and locally. Our teachers activate students to make an impact. Our students challenge conventional ways of thinking and doing.

Our research activity is funded by Tri-Council agencies (CIHR, NSERC, and SSHRC), from the FRQ (FRSQ, FQRNT, and FQRSC), as well as national and international funding bodies, both public and private. Our academic communities develop and utilize cutting-edge pedagogical tools and strategies with an emphasis on experiential learning to teach within and across boundaries.

For more about the Faculty of Arts and Science, please visit: www.concordia.ca/artsci.

Information about Concordia

Concordia University is located on unceded Indigenous lands. Tiohtià:ke/Montreal, on the traditional lands and waters of the Kanien'kehá:ka Nation, is historically known as a gathering place for many First Nations. Today it is home to a diverse population of Indigenous and other peoples. We respect the continued connections with the past, present and future in our ongoing relationships with Indigenous and other peoples within the Montreal community.

Building on the skills of our faculty and the strengths of Indigenous, local, and global partnerships, we set our sights further and more broadly than others and align the quality of learning opportunities to larger trends and substantial challenges facing society.

"Concordia is a young, forward-looking university. It's a unique place where experimentation, innovation and creativity are truly valued. Our community of students, faculty, staff and alumni all contribute to our momentum as Canada's next-gen university." — Concordia President Graham Carr.

Profoundly global, Concordia is North America's top university under the age of 50 and is recognized for attracting some of the most talented faculty and students from around the world. Driven by ambition, innovation and a commitment to reconciliation, research and community engagement, Concordia is celebrated for advancing transformative learning, convergent thinking and public impact.

Information about Montreal

Tiohtià:ke/Montreal, is exceptional; safe, vibrant and diverse, with new things to discover around every corner. The Kanien'kehá:ka Nation is recognized as the custodians of the lands and waters on which we gather and conduct our activities. With a population of 1.7 million, Tiohtià:ke/Montreal is home to four major universities and several clinical research centres and has been named the best student city in the world. It offers the most affordable tuition in Canada.

The city enjoys a thriving multicultural scene. Bilingualism is a part of Montreal's tradition and adds to its inspiring atmosphere. While supporting a significant anglophone population, it is the one of the largest French-speaking cities in the world.

Montreal is famed for its innovative culinary scene and festivals. It was also the first metropolis to be designated a UNESCO City of Design by the Global Alliance for Cultural Diversity.

The city is recognized globally as an important centre for commerce, aerospace, transport, finance, pharmaceuticals, technology, design, gaming and film.

Territorial Acknowledgement

Concordia University is located on unceded Indigenous lands. The Kanien'kehá:ka Nation is recognized as the custodians of the lands and waters on which we gather today. Tiohtià:ke/Montreal is historically known as a gathering place for many First Nations. Today, it is home to a diverse population of Indigenous and other peoples. We respect the continued connections with the past, present and future in our ongoing relationships with Indigenous and other peoples within the Montreal community.

Employment Equity

Concordia University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women, members of visible minorities, Indigenous persons, members of sexual minorities, persons with disabilities, and others who may contribute to diversification; candidates are invited to self-identify in their applications.

Immigration Status

All qualified candidates are encouraged to apply; however, Canadian and Permanent Residents will be given priority. To comply with the Government of Canada's reporting requirements, the University is obliged to gather information about applicants' status as either Permanent Residents of Canada or Canadian citizens. While applicants need not identify their country of origin or current citizenship, all applications must include one of the following statements:

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