

Tier 2 Canada Research Chair in Perioperative Brain-Mind-Heart Health

The University of Ottawa invites applications for a Tier 2 Canada Research Chair (CRC) in Perioperative Brain-Mind-Heart Health. The successful candidate will hold a clinical non-tenure track position with the [Faculty of Medicine Department of Anesthesiology and Pain Medicine](#), one of its affiliated hospitals (e.g., The Ottawa Hospital, Children's Hospital of Eastern Ontario, Hôpital Montfort, The Royal Ottawa, Élisabeth Bruyère Hospital), and its respective affiliated research institute ([The Ottawa Hospital Research Institute](#) (OHRI); [Children's Hospital of Eastern Ontario Research Institute](#) (CHEO-RI); [University of Ottawa Heart Institute](#) (UOHI); [Bruyère Research Institute](#) (BRI); [Institute of Mental Health Research](#) (IMHR); or [The Institut du Savoir Montfort](#))). The Chairholder will hold or will be eligible to hold a license to practice medicine with the College of Physician and Surgeons of Ontario (CPSO).

Cardiac anesthesiology is a subspecialty of the medical practice of anesthesiology, devoted to the preoperative, intraoperative and postoperative care of adult and pediatric patients undergoing cardiothoracic surgery and related invasive procedures. Dealing with the anesthesia aspect of care related to surgical cases such as open-heart surgery, lung surgery, and other operations of the human chest, the effect and interconnection of the brain and cardiovascular health must not be ignored. In fact, neurocognitive and functional decline following cardiac surgery are common and result from the interplay between surgically induced inflammation with baseline brain and cardiovascular health. The interface between brain-mind health, and cardiac health is a major theme emerging on the global stage, and the related effects of cardiac anesthesiology on brain-mind health is understudied.

We are interested in attracting early-career candidates for this position. The proposed Chair in Perioperative Brain-Mind-Heart Health will support this area through an emerging program of research excellence focusing on the related neurocognitive and functional outcomes of cardiac surgery, to directly improve the health of the community served by the University of Ottawa through an emphasis on partnerships, equity, and relevance. Areas of scholarly focus may include, but are not limited to, preoperative assessment; interplay of brain and cardiac health; postoperative intensive care management; improving perioperative neurologic outcomes, new analytical techniques like machine learning, pragmatic trials and adaptive designs. The supported research will facilitate the development of practice-changing interventions to improve patient outcomes.

The successful candidate will become an integral part of a dynamic, collaborative and interconnected research environment in the Faculty of Medicine and its associated Research Institutes. As Chair, they will also directly contribute to capacity-building of Brain-Heart anesthesiology across the Faculty of Medicine.

Tier 2 Chairs:

Tier 2 Chairs, tenable for five years and renewable once, are for **exceptional emerging researchers**, acknowledged by their peers as having the potential to lead in their field. For each Tier 2 Chair, the institution receives \$100,000 annually for five years, with an additional \$20,000 annual research stipend for first-term Tier 2 Chairs.

Candidates should, at a minimum, be assistant or associate professors, or possess the necessary qualifications to be appointed to these levels. Candidates who are more than 10 years from their highest degree must contact the University of Ottawa directly for questions related to their potential eligibility for a Tier 2 Chair. The institution may nominate a professor or a researcher who is more than 10 years from their highest degree at the time of nomination and has experienced legitimate career interruptions (see [acceptable justifications](#)). In such cases, the institution must submit to the Secretariat a formal justification (using the [Tier 2 Justification Screening Form](#)), explaining why the nominee is still considered to be an emerging scholar. The University recognizes the legitimate impact that leaves (e.g., parental leave, leave due to illness) can have on a candidate's record of research achievement and that these leaves will be taken into careful consideration during the assessment process. New CRC nominees are also eligible for infrastructure support from the [Canada Foundation for Innovation](#) (CFI) to help acquire state-of-the-art equipment essential to their work.

Selective Hiring:

The University of Ottawa is committed to ensuring equity, diversity, and inclusion in the scholarly and leadership environments of our students, staff, and faculty members. In accordance with the University's Equity, Diversity, and Inclusion Action Plan, the selection will be limited to members of the four designated groups such as Indigenous peoples, individuals who are racialized, persons with disabilities, women and gender minorities as defined in the [CRC Program method for establishing equity targets](#) and the [Employment Equity Act](#). Candidates from these groups who wish to be considered for this position must complete the confidential self-identification form during the application process online (go to My profile / Employment Equity section). The objective of this measure is to increase the representation of the four designated groups in the allocation of Canada Research Chair positions. Internal candidates are not eligible.

Skills requirements:

- **Education:** MD or MD/PhD
- **Required Qualifications:** superior research achievements in the CRC's identified area(s) and proof of interdisciplinary collaborations, a solid record with respect to teaching and training of students at the graduate level, the ability to obtain external research funds, excellent communication skills in either English or French. Passive knowledge of the other Official Language in Canada is an asset.

Rank and salary:

Clinical non-tenure track academic appointment in the Faculty of Medicine Department of Anesthesiology and Pain Medicine. Additional appointment within the relevant affiliated research institute will depend on area of expertise and partnership agreements. Academic rank will be at the

Assistant or Associate Professor level and commensurate with the career stage and track record of the successful candidate.

Location of work: Department of Anesthesiology and Pain Medicine, Faculty of Medicine, University of Ottawa, Ottawa, ON K1N 6N5

Application Package:

- A cover letter;
- An up-to-date curriculum vitae (Please include any personal circumstances and/or career interruptions such as parental or sick leaves that may have impacted your research trajectory. These will be taken into consideration in the selection process);
- A research plan (2 to 3 pages);
- A statement of teaching interests (1 to 2 pages);
- A statement on equity, diversity, and inclusion philosophy and concrete practices (1 page);
- The names of three people who may be contacted by the University for letters of reference which will follow the [Canada Research Chairs guidelines](#) (i.e. one arm's length and two who are not affiliated to the University of Ottawa unless they are the candidate's PhD or postdoctoral supervisor); and
- Self-identification: Complete the confidential Employment Equity section online (go to My profile / Employment Equity tab) during the application process online.

Deadline: February 6, 2023

Applications should be submitted electronically through the University of Ottawa Academic Careers

website: <http://uottawa.njoyn.com/CL3/xweb/xweb.asp?clid=57566&page=jobdetails&jobid=J0123-0226&BRID=EX197018&SBDID=1&LANG=1>

The selection process will begin immediately after the closing date and will continue until the position is filled. Only candidates selected for an interview will be contacted.

Please address your cover letter to the following person:

Dr. Sylvain Charbonneau, Vice-President, Research and Innovation

University of Ottawa

550 Cumberland St., room 246

Ottawa, ON K1N 6N5 CANADA

For questions, please email: rccacrcp@uottawa.ca

According to government policy, all qualified candidates are invited to apply; however, preference will be given to Canadians and permanent residents. When submitting your application, please indicate if you are legally entitled to work in Canada.

The University of Ottawa provides accommodations for applicants with disabilities throughout the recruitment process. If you are invited to proceed in the selection process, please notify us of any accommodations that you require by contacting the Office of the Vice-Provost, Faculty Relations by email at vra.affairesprofessorales@uottawa.ca. Any information you send us will be handled respectfully and in complete confidence.

The University of Ottawa is proud of its 175-year tradition of bilingualism. Through its Official Languages and Bilingualism Institute, the University provides training to staff members and to their spouses in their second official language.

Ad posted on January 5, 2023