

CRC Tier II in Cellular Systems Design

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Application deadline: September 15, 2019

Concordia University seeks to appoint a Tier II Canada Research Chair (CRC), a research intensive faculty position, in the **design of synthetic cellular systems that can be used to address human health related challenges**. The selected candidate will ideally work in the context of progenitor or immune cells, with the aim of applying synthetic cellular systems to human health and therapeutics. This call extends to all individuals with interests in the molecular aspects of therapeutic delivery, stem cell biology, bioengineering, genomics or any approach that makes use of synthetic biology directed towards human health.

The selected candidate will receive a tenure-track faculty appointment as a full-member of the [Department of Biology](#) in the [Faculty of Arts and Science](#). [Concordia University](#) is strongly committed to achieving diversity and inclusion throughout the institution, and recognizes the importance of inclusion in achieving excellence in teaching and research. The ideal candidate will have experience with multidisciplinary research and health science, and have demonstrated potential to lead in their field. Candidates will be evaluated based on their ability to bring diversity to Concordia, research merit and potential, and their fit to cellular systems design in health research.

Concordia is located in Montreal, Canada, a diverse, bilingual and culturally rich city, offering a high quality of life in North America. Montreal has a strong network of universities, hospitals, government research stations and private industry. Concordia University proudly supports and encourages diversity and offers a vibrant research and teaching environment, with state-of-the-art research facilities. The Department of Biology has significant strengths in systems and synthetic biology, microbiology, cell & molecular biology, genomics and computational biology. In particular, the successful candidate would benefit from Canada's only [Genome Foundry](#) equipped for mammalian cell studies, in the [Centre for Applied Synthetic Biology](#).

Qualified candidates will have a doctorate in a field related to the life sciences, and relevant postdoctoral experience. The selected candidate will be expected to develop a strong independent research program, and secure significant external funding. They are expected to position Concordia

as an emerging leader in synthetic cellular design towards human health.

About the Canada Research Chair Program

The successful candidate will be nominated to the [Canada Research Chairs Program](#), a national strategy that invests approximately \$265 million per year to attract and retain the world's most accomplished and promising minds. The goal of the CRC program is to ensure that Canadian universities achieve the highest levels of research excellence to become world-class research centres in the global, knowledge-based economy. CRC positions at Concordia represent an excellent opportunity for a young researcher as they offer an attractive salary, an annual operating research fund, reduced teaching loads, and they may apply for research infrastructure through the Canada Foundation for Innovation (CFI) John R. Evans Leaders Fund (JELF). Tier II CRCs are awarded for five years and may be renewed.

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.

Application and Appointment Process

Subject to budgetary approval, we anticipate filling this position at the rank of Assistant Professor; however, appointments at the rank of Associate Professor may be considered based on previous experience. Review of applications will continue until the position is filled. The selected candidate

will be required to work with the Department and the Faculty to prepare the formal CRC nomination according to the CRC program guidelines. The University will submit the nomination to the CRC Secretariat at the earliest opportunity.

Applications may be submitted to [AcademicJobsOnline.org](https://academicjobsonline.org) (<https://academicjobsonline.org/ajo/jobs/13717>). We kindly ask applicants to submit a cover letter, a curriculum vitae, copies of three (3) representative publications, a outline of their proposed research program (5 pages), as well as a statement of teaching philosophy/interests and evidence of teaching effectiveness (3 pages). Candidates' cover letters should address how they plan to contribute to a more diverse and inclusive research and teaching environment. Candidates must also arrange to have three (3) letters of reference submitted directly online by their referees.

The expected start date for this position is in 2020. You can also contact michael.hallett@concordia.ca for more details. Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, Nadia Hardy, Vice-Provost, Faculty Development and Inclusion at vpfdi@concordia.ca or by phone at 514.848.2424 extension 4323.