

## Molecular Biophysics in Human Health – Tier 2 CRC

Concordia University seeks to appoint a Tier 2 Canada Research Chair (CRC), a research intensive faculty position, in Molecular Biophysics in Human Health. The selected candidate will receive a joint tenure-track faculty appointment as a full-member of both the Department of Physics and the Department of Biology in the Faculty of Arts and Science. The ideal candidate will have experience with multidisciplinary research involving biophysics and health science, an outstanding publication record and experience in areas including, but not limited to biophysics, biology, and physics.

Concordia University is a vibrant research and teaching environment, with state-of-the-art research facilities. Concordia is located in Montreal, Canada, which is a diverse and culturally rich city, offering a high quality of life in North America. The Department of Physics has strengths in human health bio-imaging, and in plant molecular biophysics. The Department of Biology has substantial research strengths in genomics, synthetic biology, bioinformatics and cell & molecular biology, all of which contribute to human health research.

Qualified candidates will have a PhD in Biophysics, Biology, Physics or an equivalent field, and relevant postdoctoral experience. The selected candidate will be expected to develop a strong independent research program, secure significant external funding and establish collaborations with Concordia research centers such as the PERFORM Centre, which is a multidisciplinary health research center interested in further developing its biophysics research, the CMCI Centre for Microscopy and Cellular Imaging, CERMM Centre for Research in Molecular Modeling, or CASB Center for Applied Synthetic Biology. They are expected to position Concordia to be an emerging leader in biophysics and its application to critical issues in health, physics, and biology. The candidate will be expected to teach in both the Departments of Biology and Physics.

### **About the Canada Research Chair Program**

The [Canada Research Chairs Program](#) is 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 offer an attractive salary, an annual operating research fund, reduced teaching loads, and the opportunity to apply for research infrastructure through the Canada Foundation for Innovation (CFI) John R. Evans Leaders Fund (JELF). Tier 2 CRCs are awarded for five years and may be renewed. The successful candidate will be nominated to the Canada Research Chairs Program

Candidates eligible for Tier 2 chair positions must be exceptional emerging scholars within 10 years of their highest degree 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 2 chair assessed through the program's [Tier 2 justification process](#). Please consult the Canada Research Chairs [website](#) for full program information, including further details on eligibility criteria.

## 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. The expected start date for this position is August 1<sup>st</sup> 2018, and all applications should be received by November 15<sup>th</sup> 2017 for full consideration. Review of applications will continue until the position is filled. The selected candidate will be required to work with the Departments 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 must consist of a cover letter, a current curriculum vitae, copies of three (3) representative publications, a five page outline of their proposed research program, a statement of previous multidisciplinary research accomplishments, as well as a statement of teaching philosophy/interests and evidence of teaching effectiveness (if available). Candidates must also arrange to have three (3) letters of reference submitted directly online by their Referees. Applications and letters of reference must be submitted electronically via the site AcademicJobsOnline.org, at the url: <https://academicjobsonline.org/ajo/jobs/9527>

All inquiries about the position should be directed to Dr. Alexandre Champagne (Dept. of Physics, Chair, [a.champagne@concordia.ca](mailto:a.champagne@concordia.ca)) or/and Dr. Alisa Piekny (Dept. of Biology, Assoc. Professor, [alisa.piekny@concordia.ca](mailto:alisa.piekny@concordia.ca)). For additional information, please visit our websites at <https://www.concordia.ca/artsci/biology.html>  
<http://www.concordia.ca/artsci/physics.html> <https://www.concordia.ca/research/perform.html>

*All qualified candidates are encouraged to apply for this position; however, Canadians and Permanent Residents will be given priority. Concordia University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. **The University strongly encourages applications from all qualified candidates, including women, members of visible minorities, Aboriginal persons, members of sexual minorities, persons with disabilities, and others who may contribute to diversification.***