



**Canada Research Chair (Tier 2) in Neurophysiology**  
**Department of Biology, Faculty of Science, York University**

The Department of Biology, York University invites applications from emerging world-class leaders in neurophysiology to be nominated for a Tier 2 Canada Research Chair (CRC) at York University.

The incumbent will join colleagues in the department with established programs in cell and molecular biology, animal physiology, neurobiology and neuroscience. We seek candidates with an active, innovative research program in neurophysiology using in-vivo small animal models and/or in vitro models. We particularly welcome applications from scientists who use advanced technologies to understand neuronal circuits and plasticity mechanisms in health and/or disease. We are looking for researchers with active research programs combining electrophysiology with novel technologies like optogenetics, the use of genetically encoded biosensors, or those developing novel tools to interrogate the physiology of the nervous system.

The incumbent is expected to establish a technology-intense, state-of-the art research program and to serve as a catalyst for new collaborative projects that require teams of researchers with advanced skill sets and technological equipment. The incumbent is expected to provide leadership in enhancing the world-class research activities and institutional programs in the Department of Biology and the Faculty of Science, and to interface with colleagues in the Faculty of Health, Lassonde School of Engineering and other areas of the University as opportunities arise. The CRC position provides an opportunity to contribute to York's teaching and research priorities in the life sciences and to participate in developing an inter-faculty Neuroscience Program at the undergraduate and graduate level. Further information about the Department of Biology in the Faculty of Science can be found at <http://science.yorku.ca/>.

The successful candidate should have a Ph.D. in biology or a related discipline and a minimum of three years of postdoctoral experience at the time of taking up the appointment, with a prior faculty appointment preferred, or equivalent qualifications. The incumbent will also have an outstanding early career record including training and research awards and publications in high-quality refereed journals, and clear evidence of cross-disciplinary collaboration. The incumbent is expected to propose or have initiated an original and innovative independent research program in neurophysiology and is also expected to demonstrate excellence or promise of excellence in teaching and graduate supervision and be eligible for prompt appointment to the Faculty of Graduate Studies.

The successful candidate will be appointed to a tenure-track position at the Assistant or Associate Professor level. The award of the Chair is subject to approval by the CRC program review process. Tier 2 Chairs have a five-year term, once renewable, and are intended for exceptional emerging researchers (i.e., within 10 years of attaining their highest degree, with consideration

for career breaks) who have the acknowledged potential to lead their field of research. Eligibility criteria and CRC program information can be found at <http://www.chairs.gc.ca>.

The start date for the position is July 1, 2017 or as soon as possible thereafter. Applicants should send (as hard copy only) a *curriculum vitae*, an outline of their research plans, a statement of teaching philosophy and experience, and single copies of three publications, and arrange for three signed letters of reference, to be received by **December 1, 2016** to Chair, Neurophysiology Search Committee, Department of Biology, Room 247 Farquharson Building, York University, 4700 Keele St., Toronto, Ontario M3J 1P3, Canada

*All York University positions are subject to budgetary approval. York University is an Affirmative Action (AA) employer and strongly values diversity, including gender and sexual diversity, within its community. The AA program, which applies to Aboriginal people, visible minorities, people with disabilities, and women, can be found at <http://yorku.ca/acadjobs> or by calling the AA office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.*