



Canada Research Chair (Tier 1) in Sensory Biophysics
Department of Physics & Astronomy, Faculty of Science, York University

Applications are invited from established world-class leaders to be nominated for a Canada Research Chair (CRC) Tier 1 in Sensory Biophysics. We are seeking applications from outstanding candidates with teaching and research expertise in the biophysics of sensory systems, particularly vision, and associated functions in the central nervous system. Research with industrial and/or health applications would be an asset. Possible areas of expertise include (but are not limited to): biological imaging, computational/theoretical neuroscience, and sensory transduction.

This position is a research enhanced faculty position partially funded by the recently approved Canada First Research Excellence Fund VISTA (Vision: Science to Application) program. The successful candidate will engage with, and benefit from, the VISTA program led by York's internationally renowned Centre for Vision Research, and focused on the intersection between biological and computational vision. The VISTA program will be supported by a total of \$120 million in funding over the next seven years. The incumbent will receive enhanced research support, a reduced teaching load, and competitive access to general VISTA research and training funds for the duration of the program.

The successful candidate should have a Ph.D. in physics or a related discipline and is expected to be an internationally recognized research leader, preferably holding the rank of Associate or Full Professor. The incumbent's research record should demonstrate their excellence and eminence in the field and their ability to attract substantial peer-reviewed external research funding. The incumbent also will have a proven record of attracting and supervising graduate students and postdoctoral fellows, demonstrated excellence in the teaching of physics and/or biophysics at both undergraduate and graduate levels and be eligible for prompt appointment to the Faculty of Graduate Studies. The incumbent is expected to propose or have initiated an original and innovative independent research program and have the capacity to develop collaborative relationships with other researchers in related fields. The successful candidate will be expected to foster research linkages within and beyond York, provide strong and effective leadership for York's growing faculty complement in biophysics and neuroscience, and recruit and supervise qualified graduate students. York's location in the greater Toronto area facilitates opportunities for interaction with many nearby universities, research institutes, and hospitals.

Further information about the Department of Physics & Astronomy and the Faculty of Science can be found at <http://www.physics.yorku.ca> and <http://science.yorku.ca>, respectively. Eligibility criteria and CRC program information can be found at <http://www.chairs.gc.ca>. Awards are subject to approval by the CRC program review process.

The appointment is expected to commence July 1, 2017 or as soon as possible thereafter. The deadline for full consideration of applications is December 1, 2016. Applicants should submit a curriculum vitae, a three-page summary of their most important research contributions, a three-page outline of their research plans, and a one-page statement of teaching philosophy and experience, and arrange for three signed letters of reference to be sent on their behalf. All materials should be submitted electronically through <https://academicjobsonline.org/>.

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. York University is actively seeking applications from Aboriginal people, visible minorities, people with disabilities, and women. The AA program 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.