Two Canada Research Chair (Tier 2) Faculty Positions in Visual Neuroscience, York University

Posted: November 18, 2020

Deadline to Apply: February 1, 2021

Integral to a University-wide initiative in visual neuroscience, the Faculty of Science and the Faculty of Health at York University plan to make two tenure stream faculty hires, at the Assistant or Associate professor level, to join the large community of vision scientists in the Centre for Vision Research (http://www.cvr.yorku.ca/). These faculty positions are linked to and supported in part by the Canada First Research Excellence Fund (CFREF) Vision: Science to Application (VISTA) program http://vista.info.yorku.ca/), an $8.2M equipment grant from the Canada Foundation for Innovation (CFI), and a new world-class facility for visual neuroscience research. Successful candidates must each be eligible and apply for a Tier 2 Canada Research Chair (CRC), (see https://www.chairs-chaires.gc.ca/ for details). Note that applications will be treated confidentially, except information will be shared between the two search committees.

See details of the two faculty positions below.

Canada Research Chair (Tier 2) Faculty Position in Visual Neuroscience Department of Biology, York University

Deadline to Apply: February 1, 2021

Department of Biology, Faculty of Science

Integral to a University-wide initiative in visual neuroscience, the Department of Biology at York University invites applications from outstanding researchers for a full-time tenure-track Tier 2 Canada Research Chair (CRC) position (see https://www.chairs-chaires.gc.ca/ for details) at the Assistant or Associate Professor level in Visual Neuroscience, to commence as early as July 1, 2021. This position is supported in part by the Canada First Research Excellence Fund (CFREF) Vision: Science to Application (VISTA) program and research space supported by funds from the Canada Foundation for Innovation. The successful applicant will receive enhanced start-up funding, additional annual research funds, a reduced teaching load for the duration of the CRC, and competitive access to general VISTA research and training funds (see http://vista.info.yorku.ca/ for details). Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval.

The successful candidate will hold a PhD in biology, neuroscience, or related discipline, with a minimum of three years of postdoctoral experience at the time of taking up the appointment, while a prior faculty appointment (or equivalent qualifications) is preferred. The candidate will combine neurophysiological or other brain monitoring and manipulation techniques to study cellular, circuit, and network mechanisms of visual behaviour in nonhuman experimental models

of the human visual system. Experience with wireless recordings during free motion is not necessary but would be an asset. The ability to integrate molecular biology or other cutting-edge techniques into this program, work with a transdisciplinary team of researchers, and translate the research for real world applications would each be assets. The incumbent will join colleagues in the Department with programs in molecular and cellular neurobiology, neurophysiology, systems neurobiology, visual neuroscience, and sensorimotor integration.

Research laboratories will be situated in a new world-class facility dedicated to visual neuroscience with human-like (frontal-eyed, capable of prehension) species. The successful candidate must be qualified to use the CFI-funded equipment in the facility, which will include traditional visual neuroscience labs and will be equipped with kiosk and open arena testing spaces that facilitate the study of active vision, as well as surgical space, wet laboratory space, and proximity to a research-dedicated MRI.

York University champions new ways of thinking that drive teaching and research excellence. Through cross-disciplinary programming, innovative course design, diverse experiential learning and a supportive community environment, our students receive the education they need to create big ideas that make an impact on the world. York is Canada's third largest university, located in Toronto Ontario, with a rich diversity of perspectives and a strong sense of social responsibility that sets it apart. Further information about the Department of Biology in the Faculty of Science can be found at http://science.yorku.ca/biology. The successful candidate will join the large community of vision scientists in the Centre for Vision Research (http://www.cvr.yorku.ca/). The incumbent must be suitable for prompt appointment to the Faculty of Graduate Studies and will have opportunity to apply for membership in York's Neuroscience Graduate Diploma Program.

The successful applicant must present strong evidence of emerging or established scholarly eminence and ability to attract external research funding. Evidence of graduate student mentorship, leadership experience, and broad-based research collaboration is also preferred. Candidates must provide evidence of research excellence or promise of research excellence of a recognized international calibre as demonstrated in: the research statement; a record of publications (or forthcoming publications) with significant journals in the field; presentations at major conferences; awards and accolades; and strong recommendations from referees of high standing.

The Associate Professor level requires an excellent record of teaching and supervision at the undergraduate and graduate levels. Those at the Assistant professor level must show promise of excellence in teaching and supervision. Pedagogical innovation in high priority areas, such as experiential education and technology enhanced learning, is preferred. The incumbent will be expected to contribute through service to the Department, Faculty and University. They will also contribute to York's teaching and research priorities in the life sciences and inter-Faculty Neuroscience Programs at the undergraduate and graduate levels.

Canada Research Chair Program Eligibility Criteria

The Canada Research Chairs program seeks to attract outstanding researchers for careers at Canadian universities. Appointment to a Tier 2 Chair is for five years, renewable once, and comes with enhanced research support from the program. Tier 2 Chairs are intended for exceptional emerging scholars (i.e., those who, at the time of nomination, are within 10 years of attaining their highest degree, with consideration of career breaks). 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. Further CRC program information and eligibility criteria can be found at the following website: https://www.chairs-chaires.gc.ca/.

The successful candidate will be required to work with the Faculty and the Office of the Vice-President Research and Innovation to prepare the formal CRC nomination. The Chair is subject to approval by the CRC program review process.

Commitment to Equity

For this nomination, we are particularly interested in candidates with diverse backgrounds and especially encourage candidates in equity, diversity and inclusion categories, including members of the four federally designated groups (women, members of visible minorities (racialized groups), Indigenous peoples and persons with disabilities) to apply. York University also recognizes the legitimate impact that career interruptions (e.g. maternity leave, parental leave, leave due to illness, etc.) may have on a candidate's record of achievement. Applicants are encouraged to explain in their application the impact that career interruptions may have had on their record of research achievement; this will be taken into careful consideration during the assessment process.

York University has a policy on Accommodation in Employment for Persons with Disabilities and is committed to working towards a barrier-free workplace and to expanding the accessibility of the workplace to persons with disabilities. Candidates who require accommodation during the selection process are invited to contact cora.hui@perrettlaver.com.

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 women, members of visible minorities (racialized groups), Aboriginal (Indigenous) people and persons with disabilities, can be found at www.yorku.ca/acadjobs or by calling the AA line at 416-736-5713. Applicants wishing to self-identify as part of York University's Affirmative Action program can do so by downloading, completing and submitting the form found at: http://acadjobs.info.yorku.ca/affirmative-action/self-identification-form.

All qualified candidates are encouraged to apply; however, Canadian citizens, permanent residents and Indigenous peoples in Canada will be given priority. No application will be considered without a completed mandatory Work Status Declaration form which can be found

at http://acadjobs.info.yorku.ca/affirmative-action/work-authorization-form. Completed forms should be sent to cora.hui@perrettlaver.com with "Biology Visual Neuroscience" in the subject line.

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Application Process

A cover letter, an up-to-date curriculum vitae, a statement of research interests, a statement of teaching philosophy and experience, three reprints or preprints, and teaching evaluations (if available) should be uploaded into a single pdf file and sent to cora.hui@perrettlaver.com with "Biology Visual Neurobiology" in the subject line. The teaching statement should provide evidence of excellence or promise of excellence, such as accomplishments and pedagogical innovations in high priority areas like experiential education and technology enhanced learning. Arrangements should be made for three confidential letters of reference on the applicant's research and teaching to be submitted to the same email and addressed to Chair, Biology Neuroscience Search Committee, Department of Biology, York University, 4700 Keele Street, Toronto, ON, Canada M3J 1P3.

York is partnering with the executive search firm Perrett Laver on this appointment process. For further information, a full position specification, and application details, please visit perrettlaver.com/candidates quoting reference **4916**. Applications received before Feb 1, 2021 will be reviewed together at an initial assessment meeting, but further applications will continue to be accepted until the position is filled.

Please also see Department of Psychology, Faculty of Health, Visual Neuroscience ad below.

Canada Research Chair (Tier 2) Faculty Position in Visual Neuroscience
Department of Psychology, York University

Deadline to Apply: February 1, 2021

Department of Psychology, Faculty of Health

Integral to a University-wide initiative in visual neuroscience, the Department of Psychology at York University invites applications for a full-time tenure-track position eligible to apply for a Tier 2 Canada Research Chair (CRC) (see https://www.chairs-chaires.gc.ca/ for details) at the Assistant or Associate Professor level in Visual Neuroscience: Neurophysiology, to commence as early as July 1, 2021. Salary will be commensurate with qualifications and experience. This position is supported in part by the Canada First Research Excellence Fund (CFREF) Vision: Science to Application (VISTA) program and research space supported by funds from the Canada Foundation for Innovation. The successful applicant will receive enhanced start-up funding, additional annual research funds, a reduced teaching load for the duration of the CRC, and competitive access to general VISTA research and training funds (see http://vista.info.yorku.ca/ for details). Successful candidates must be eligible and apply for a Tier 2 CRC. All York University positions are subject to budgetary approval.

The successful candidate will hold a PhD in psychology or related discipline with emphasis in systems and cognitive level neuroscience, and a minimum of two years of postdoctoral experience at the time of taking up the appointment, while a prior faculty appointment (or equivalent qualifications) is preferred. The successful candidate will combine neurophysiological or other direct brain monitoring techniques with investigation of active visual behaviors to study neuro-computational mechanisms of visual cognition, perception, visuomotor integration, or navigation using nonhuman experimental models of the human visual system. Experience with wireless recordings during free motion is not necessary but would be an asset.

Research laboratories will be situated in a new world-class facility dedicated to visual neuroscience in human-like (frontal-eyed, capable of prehension) species. The successful candidate must be qualified to use the CFI-funded equipment in the facility, which will include traditional visual neuroscience labs and will be equipped with kiosk and open arena testing spaces that facilitate the study of active vision, as well as surgical space, wet laboratory space, and proximity to a research-dedicated MRI.

Applicants should provide evidence of research excellence or promise of excellence of a recognized international caliber as demonstrated in the research statement, a record of publications in top-ranked journals, the ability to attract peer reviewed external funding, presentations at significant conferences, awards and honours, and three strong recommendations from referees of high standing. The successful applicant is expected to propose or have initiated an original and innovative independent research program. Experience working with a transdisciplinary team of researchers, and translating the research for real world applications would each be assets.

The position will involve graduate teaching and supervision, as well as undergraduate teaching and supervision of honours students in the Psychology Department. The successful candidate will have the opportunity to offer courses on a variety of topics, including but not limited to animal behaviour, experimental methods, perception, cognition, and statistics. The Associate Professor level requires an excellent record of teaching and supervision at the undergraduate and graduate levels. Those at the Assistant professor level must show promise of excellence in teaching and supervision. Pedagogical innovation in high priority areas, such as experiential education and technology enhanced learning, is preferred.

Candidates must provide evidence of an ability to work collaboratively and will be expected to contribute through service to the Department, Faculty and University.

The incumbent will join colleagues in the Department with programs in brain, behaviour and cognitive sciences; CPA accredited clinical, clinical-developmental psychology, and clinical neuropsychology; developmental science; historical, theoretical, and critical studies of psychology; quantitative methods; and social and personality psychology.

York is Canada's third largest university, located in Toronto Ontario, with a rich diversity of perspectives and a strong sense of social responsibility. York's Psychology program ranks among the top ten psychology programs in Canada (Maclean's University Program Rankings 2020) and among the top programs in the world (QS World University Rankings 2020). Further information about the Department of Psychology in the Faculty of Health can be found at https://psychdev.info.yorku.ca.

The successful candidate will join the large community of vision scientists in the Centre for Vision Research (http://www.cvr.yorku.ca/). The incumbent must be suitable for prompt appointment to the Faculty of Graduate Studies and will have opportunity to apply for membership in York's Neuroscience Graduate Diploma Program. They will also contribute to York's teaching and research priorities in the life sciences and inter-Faculty Neuroscience Programs at the undergraduate and graduate levels.

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Our legal basis for much of our data processing activity is 'Legitimate Interests'. You have the right to object to us processing your data in this way. For more information about this, your rights,

and our approach to Data Protection and Privacy, please visit our website http://www.perrettlaver.com/information/privacy-policy/

Application Process

A cover letter, an up-to-date curriculum vitae, a statement of research interests, a statement of teaching philosophy and experience, three reprints or preprints, and teaching evaluations (if available) should be uploaded into a single pdf file and sent to AnLi.Xu@perrettlaver.com with "Psychology Visual Neuroscience" in the subject line. The teaching statement should provide evidence of excellence or promise of excellence, such as accomplishments and pedagogical innovations in high priority areas like experiential education and technology enhanced learning. Arrangements should be made for three confidential letters of reference on the applicant's research and teaching to be submitted to the same email and addressed to Chair, Psychology Search Committee, 296 Behavioural Science Building, Department of Psychology, York University, 4700 Keele Street, Toronto, ON, Canada M3J 1P3.

York is partnering with the executive search firm Perrett Laver on this appointment process. For further information, a full position specification, and application details, please visit perrettlaver.com/candidates quoting reference **4917**. Applications received before Feb 1, 2021 will be reviewed together at an initial assessment meeting, but further applications will continue to be accepted until the position is filled.

Please also see Department of Biology, Faculty of Science, Visual Neuroscience ad above.