

Assistant or Associate Professor in Visuomotor Neurophysiology in the School of Kinesiology and Health Science

Job Advert

Integral to a University-wide initiative in visual neuroscience, the **School of Kinesiology and Health Science** invites highly qualified candidates to apply for a tenure-track professorial-stream appointment in **Visuomotor Neurophysiology** at the rank of Assistant or Associate Professor to commence July 1, 2022. This is a Research Enhanced Faculty position partially funded by the Canada First Research Excellence Fund (CFREF) Vision: Science to Application (VISTA) program <http://vista.info.yorku.ca/>. The applicants will receive enhanced start-up funding, additional annual research funds, a reduced undergraduate teaching load, and competitive access to general VISTA research and training funds. The candidate will join the large community of vision scientists in the Centre for Vision Research (<http://www.cvr.yorku.ca/>), and the position is 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. The applicant will join other scientists within York's new neurophysiology research facility. Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval.

Applicants must have a PhD in movement neuroscience or a closely related field, with a preferred minimum of three years of relevant postdoctoral experience. Applicants will have documented expertise working with neurophysiological or other brain monitoring and manipulation techniques to investigate the neural basis of visually guided motor functions in non-human experimental models. They may also develop models of disease. Applicants will be expected to monitor movements of the eyes, head, limbs and/or body for processes such as eye-hand coordination, reaching, object manipulation or navigation in response to visual stimuli. 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. Other techniques may include investigations into human or non-human behaviour, functional neuroimaging, electrophysiology studies, or computational modeling.

The candidate should demonstrate or show a clear promise of an independent program of research and emerging research eminence, as evidenced by a solid publication record in refereed journals and promise of or demonstrated ability to attract external 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 candidate must be suitable for prompt appointment to the Faculty of Graduate Studies and will have the opportunity to apply for membership in York's Neuroscience Graduate Diploma Program.

Research laboratories will be situated in a new world-class facility dedicated to visual neurophysiology 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.

The candidate will be required to teach at the undergraduate plus graduate levels and supervise graduate students in the School of Kinesiology and Health Science. Teaching experience with demonstrated use of pedagogical innovation using technology-enhanced learning and/or experiential education are definite assets. 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 School, Faculty and University. They will also contribute to York's teaching and research priorities and inter-Faculty Neuroscience Programs at the undergraduate and graduate levels.

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 Corey Paquette, Researcher Associate at Perrett Laver at corey.paquette@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>.

York University is partnering with the search firm Perrett Laver on this appointment. For further information and details on how to apply, please visit the Perrett Laver website at www.perrettlaver.com/candidates and quoting reference **5466**. Applicants should send a covering letter specifying the position for which they are applying, an up-to-date curriculum vitae, a statement of research program goals, three relevant reprints, a statement of teaching goals, and provide contact information for three referees.

The closing date for applications is 11:59 pm Eastern Time on January, 04, 2022.

Further information about the School of Kinesiology and Health Science can be obtained at <https://www.yorku.ca/health/kinesiology-health-science/>

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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/>