Psychology
UNIVERSITY OF TORONTO

Department of Psychology
University of Toronto
JOB POSTING – POSTDOCTORAL FELLOW

Area of Research: Cognitive Neuroscience of Memory

Description of duties:

We seek a colleague with whom to investigate how the hippocampus represents interrelated experiences. The postdoctoral fellow will use fMRI and innovative cognitive assessments to link hippocampal representations to complex behaviour. Under our guidance, they will be responsible for experiment design, implementation, supervision of data collection, data analysis, and dissemination of results. They may also be asked to work collaboratively with other members of our labs, providing supervision and support to junior collaborators. Additionally, the postdoctoral fellow would have the ability to incorporate cross-species comparisons into the research -- a rare opportunity in cognitive neuroscience. Lastly, they will have the opportunity to prepare grant applications (e.g., Canadian Institute of Health Research Fellowships, which are open to international trainees) to extend the duration of their appointment.

Salary:

$48,000/year, plus benefits

Required qualifications:

- A Ph.D. in Psychology, Neuroscience, or a related field (e.g., Cognitive Science, Computer Science) by the position's start date.
- Expertise in conducting research related to memory, demonstrated in both (1) journal publication(s) and/or conference presentation(s) on the topic of memory, broadly defined; and (2) a high-quality research talk given at the interview stage, in which the candidate demonstrates a clear and deep understanding of their research.
- This interdisciplinary project will benefit from expertise in (1) applying computer programming (e.g., Python, R, Matlab, JavaScript) for the purposes of experiment presentation and statistical analysis; (2) functional MRI (data analysis); and (3) designing cognitive psychology tasks. The successful applicant will have demonstrated expertise (as evidenced by publications/presentations and during the research talk, as noted above, and/or public code repositories) in at least 2 of these 3 domains.
- When considering applicants' research record, quality will be emphasized over quantity, such that applicants with a small number of publications/presentations will be considered provided the work is of very high quality.

Application instructions

All individuals interested in this position must submit their CV, a brief research statement, and contact details for two academic references to katherine.duncan@utoronto.ca and meg.schlichting@utoronto.ca.

Closing date: We will consider applications on a rolling basis beginning on November 15th, 2021

Supervisor: Katherine Duncan & Meg Schlichting

Expected start date: Flexible start dates during 2022

Term: one year, with an additional appointment of one year

FTE:

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee's research and training and the needs of the supervisor's research program may require flexibility in the performance of the employee's duties and hours of work.

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.

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The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.