



Posting Date: December 13, 2021

Psychology
University of Toronto
JOB POSTING – POSTDOCTORAL FELLOW

Area of Research: Cognitive Neuroscience, Women’s Brain Aging and Dementia

Possible Projects: The successful candidate is encouraged to develop & conduct her/his own project within the scope of the Einstein lab’s and the Canadian Consortium on Neurodegeneration and Aging’s (CCNA) objectives and will have the opportunity to contribute to and lead analyses of COMPASS-ND data set of the CCNA: <https://ccna-ccnv.ca/compass-nd-study/>.

About the Lab: The Einstein Lab comprises diverse, motivated individuals working in an open intellectual, collaborative environment. The lab focuses on how the biological (sex) and the social (gender) intersect to increase women’s risk of late-life dementia. We study reproductive hormones, genes, inflammation, pain, immigration, and sleep to understand how multiple body systems interact to affect cognition and brain structure/function. We combine these measures with qualitative interviewing to understand how memory changes align with sense of self.

Description of duties:

- Recruiting participants for studies
- Designing experiments and writing ethics applications
- Gathering data via qualitative or quantitative methods
- Analyzing data
- Preparing manuscripts for publication
- Presenting findings at local, national and international conferences
- Providing support to the graduate and undergraduate students also engaged in the project
- Providing support for the activities of the Women, Sex, Gender, and Dementia Cross-cutting Program of the CCNA.

Salary: \$50,000/year + benefits

Required qualifications: PhD in Neuroscience, Psychology, or related discipline. Excellent communication skills in English. Experience using MSOffice, SPSS or R a must with Matlab, a plus. Experience using SPM, FSL, ANTs, PLS and/or AFNI or similar image analysis software is a plus as are programming skills if wanting to engage in imaging projects.

Preferred experience includes: MRI imaging, neuropsychological testing, biomarker analysis, qualitative interviewing, and/or analysis of data bases. Depending on the project, advanced statistics would be helpful as well as some experience with sex and gender science or endocrinology.

To learn more about our lab please visit: <https://einsteinlab.ca/>

Application instructions

All individuals interested in this position must submit a CV, 3 references, 3 related publications to Gillian Einstein: gillian.einstein@utoronto.ca.

Closing date: open until a suitable candidate is found

Supervisor: Gillian Einstein, PhD; Professor of Psychology and Wilfred and Joyce Posluns Chair in Women's Brain Health and Aging; Lead of the Women, Sex, Gender, and Dementia Cross-Cutting Program of the Canadian Consortium on Neurodegeneration and Aging, Guest Professor of Gender and Health, Linköping University, Sweden.

Expected start date: Earliest start date, February 2022/flexible

Term: 2 years with the possibility of extension

FTE: 1; This position may require evening and/or weekend work.

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow 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.