



Graduate Student Position Available

McGill University, Montreal, QC, Canada

The laboratory of Dr. Maria Natasha Rajah, Departments of Psychiatry and Psychology, McGill University (Montreal, Canada) is currently seeking a graduate student.

About the lab:

Our lab consists of diverse, open-minded and motivated individuals who thrive on working collaboratively in a supportive environment. Graduate trainees will have the opportunity to learn:

- About theories of learning and memory, cognitive aging, dementia and brain organization.
- How to design, conduct, analyse and interpret multimodal MRI studies (i.e. structural MRI, task & resting state fMRI, DWI) of memory and aging using a variety of image analysis methods
- How to communicate your research finding through manuscript publication and conference presentations

Current projects:

- Investigating the brain networks supporting episodic memory for spatial and contextual details using multivariate, connectivity, machine learning and variability methods
- Studying brain function and cognition in middle aged and older adults with genetic risk factors for late-onset AD (i.e. an apolipoprotein E e4 allele)
- Investigating sex differences in brain aging & exploring how sex hormone levels and menopausal transition impact episodic memory and brain structure/function in women with vs. without an apolipoprotein E e4 allele
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To learn more about the lab please visit our website: <http://www.rajahlab.com>.

Application Details:

Starting date: September 2021

Duration: Funding is available for 2yrs of Master's (M.Sc.) training, followed by 3yrs of Ph.D. training. Transition from M.Sc. to the PhD program will depend on the students' research progress. Accepted students must remain in good academic standing and meet the course work requirement for the Graduate Program in Neurosciences at McGill University.

Requirements: B.Sc./B.A. with major in Psychology, or Neuroscience, or Biology with strong GPA (cumulative GPA > 3.5 or last 2 yrs GPA > 3.7). *Must have a keen interest in cognitive neuroscience of memory, sex and gender research, and/or aging.* Laboratory experience would be an asset.

Skills: Must be comfortable using MS Office (Word, Excel, Powerpoint) and have basic training in statistics. Must have strong communication skills in English (spoken and written), and have good interpersonal skills. Communication skills in French are an asset.

Required documents & Application Deadlines: See applications requirements for Graduate Program in Integrated Neuroscience (IPN; <http://www.mcgill.ca/ipn/prospective>) or Graduate Program in Experimental Psychology (<https://www.mcgill.ca/psychology/graduate>) at McGill University. I am currently not seeking Clinical Psychology Trainees.

To send enquiries or express interest in this position please contact Dr. Rajah at:
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