Post-doctoral Positions Available
Cognitive Neuroscience of Memory and Aging
Lab of Prof. M. Natasha Rajah,
Director, Douglas Brain Imaging Centre,
Associate Professor, Dept. of Psychiatry,
McGill University, Montreal, QC, Canada

The laboratory of Prof. Natasha Rajah, Department of Psychiatry, McGill University (Montreal, Canada) is currently seeking talented and motivated post-doctoral researchers.

Our research focus is on conducting cross-sectional adult lifespan studies using neuroimaging methods to investigate healthy brain aging and its impact on memory function. In addition, we study how genetic risk factors for late-onset Alzheimer's disease (AD), biological sex, and sex hormones impact memory and brain function across the adult lifespan. We use a variety of fMRI and structural MRI analytic methods to understand how these aforementioned variables are associated with age-related differences in brain structure, function, and connectivity; and how this in turn impacts memory and other cognitive processes at different stages of adulthood. Specifically, the lab is seeking post-doctoral researchers with computational neuroscience training and/or training in cognitive neuroscience of aging and memory. To learn more about our lab please visit: *http://www.rajahlab.com*

Postdoctoral researchers have the opportunity to design, conduct and analyse structural and/or functional MRI studies. Postdoctoral researchers are encouraged to continue developing their unique research interests; attend educational courses; and, present at conferences.

Starting date: Flexible

Duration: Funding is available for 2yrs (salary commiserate with experience) with possibility of extension.
Academic Requirements: The successful candidate must have: 1) a Ph.D. in Psychology, Neuroscience, or related discipline; 2) expertise in aging and/or memory research OR expertise in structural and functional MRI multivariate and connectivity analyses; and 3) peer reviewed publications and a track record of research excellence. The candidate should have a keen interest in the topics of sex differences, brain aging, neural networks and memory function.
Skills: The successful candidate must have experience working in both Windows and Linux environments, and using the following software: MSOffice, SPSS or R, and Matlab. Experience using SPM, FSL, ANTs, PLS and/or AFNI or similar image analysis software is required. Excellent communication skills in English are a must, and the ability to communicate in French is an asset. Programming skills are an asset.
Required documents: You must be eligible to work in Canada. McGill University is an Equal Opportunity/Affirmative Action Employer
Send enquiries to: maria.rajah@mcgill.ca