

# **Natasha Rajah**

**Associate Professor at McGill University**

Montreal, QC, CA

Director, Douglas Brain Imaging Centre, Douglas Institute Research Centre; Associate Professor, Department of Psychiatry, McGill University

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## **Description**

In general my research is in the area of cognitive neuroscience of aging and memory. My research lab uses behavioral and neuroimaging methods to study the neural basis of learning and memory across the adult lifespan. One line of my research is focused on examining linear and non-linear changes in memory and brain function in adulthood to better understand why some adults age optimally, and others do not.

Another line of research in my lab explores how biological risk factors for Alzheimer's Disease impact memory and brain function at early adulthood and midlife. Specifically, we are investigating how biological sex and menopausal status impacts memory and brain function in healthy middle age adults with vs. without specific genetic risk factors for Alzheimer's Disease.

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## **Industry Expertise**

Education/Learning, Research

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## **Topics**

Neuroscience, Neuroscience and Leadership, MRI, FMRI, Memory, Cognition and the Aging Brain, Brain, Middle-age adults and cognition, Cognitive Neuroscience, Frontal lobes, Hippocampus, Executive Functions

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## **Affiliations**

Associate Professor, Douglas Mental Health University Institute, McGill University, Associate Member, Dept. of Psychology, McGill University, Member, International Society for Behavioral Neuroscience, Member, Society for Neuroscience, Member, Cognitive Neuroscience Society, Member, American Psychological Association, Member, Canadian Society for Brain, Behavior and Cognitive Science (CSBBCS), Member, Quebec Bio-imaging Network (Q-BIN), Senior Editor, Brain Research, Member, STOP-AD Centre, McGill University, Member, Neuroimaging Working Group & Cognitive Working Group, Consortium Pour L'Identification Précoce de la Maladie d'Alzheimer Québec (CIMA-Q), Affiliate Member, McGill Centre for Studies in Aging, Member, Quebec Network for Research on Aging, Site Investigator, Canadian Consortium on Neurodegeneration and Aging (CCNA)

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## **Education**

**University of Toronto**

Ph.D. (NSERC PGS A & B) Psychology

**U. C. Berkely**

Post-doctoral fellowship (NSERC) Cognitive Neuroscience

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## **Accomplishments**

### **CIHR New Investigator Award**

Academic Salary Award from CIHR, New Investigator Competition (2007-2012)

### **Awarded FRQS Junior 2 Chercheurs Boursier**

Academic Salary Award Received from FRQS (2013-2015)

### **Top 50 Under 50 Scientists in Quebec**

Selected as one Quebec's top 50 scientists under the age of 50 by Quebec Science Magazine in 2012

### **Director, Douglas Brain Imaging Centre**

Hired as Director of the Douglas Brain Imaging Centre in 2011.

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