Postion Title: Research Assistant (Neurocognitive Aging)

Hiring Unit: Laboratory of Brain and Cognition, Montreal Neurological Institute (MNI)

Supervisor: Dr. R. Nathan Spreng

Work Location: MNI and Douglas Hospital

Hours/Week & Schedule: 35 hours/week – Mon - Fri

Hourly Wage: $27.87/hour (salary commensurate with experience)

Planned Start Date & End Date: One year renewable

Date of Posting: August 26th, 2019

Deadline to Apply: September 6th, 2019

**PRIMARY DUTIES**

The position will support the PI in managing studies of neurocognitive aging involving neuropsychological and assessments. Projects include both cross-sectional and longitudinal investigations of neurocognitive and brain aging. Specific experiments will involve neuropsychological testing in young and older adults and include computer-based, remote, and in-lab neurocognitive measures. Drawing upon their training and experience in cognitive assessment and human participants research, and working under the supervision of the PI, this position will facilitate all aspects of various projects including experiment programming, recruitment, ethics, coordination of data collection, analysis, quality control and secure storage of neuroimaging and neurocognitive data. In addition to these responsibilities the position will:

1. Work with the PI and his senior project scientists to launch studies in LBC, including programming experiments using various software programs (e.g. Matlab, E-prime), developing automated scoring, data-base management and statistical analysis protocols (excel, R), as well as facilitating accurate translations of neuropsychological measures into French and English as necessary.

2. Train students in the lab on the development, implementation, and scoring of all neuropsychological assessment measures (this will include training lab members on principles of neuropsychological assessment, with specific emphasis on neurocognitive aging assessments).

3. Assist with data analysis and dissemination (including preparing publications for peer review) and prepare data summaries and methods for inclusion in grant submissions.

4. Prepare comprehensive standard operating procedures (SOPs) for all aspects of the data collection protocols and ensure all personnel adhere to the procedures for each study.

**EDUCATION/EXPERIENCE**

Master’s degree; experience in a research setting

**OTHER QUALIFYING SKILLS & ABILITIES**

1. Excellent proficiency in English and French necessary to conduct cognitive assessments in both languages.

2. Excellent organizational abilities to manage complex, multi-faceted projects.

3. Excellent interpersonal skills (direct experience with research participants preferred).

4. Experience in cognitive assessment preferred, including standardized test administration and scoring.

5. Strong computing skills; programming experience and/or advanced software skills (e.g. excel/R) an asset.

**HOW TO APPLY**

Submit a cover letter and CV to nathan.spreng@mcgill.ca

*McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification.*