

**AMURE JOB POSTING
RESEARCH ASSISTANT**

Position Title:	Research Assistant
Hiring Unit:	Montreal Neurological Institute, Faculty of Medicine
Supervisor:	Dr. Jean-Baptiste Poline
Work Location:	3801 University, Montreal, Quebec
Hours/Week & Schedule:	20 hours per week
Hourly Wage:	\$28.44 - \$45.50 (salary commensurate with experience)
Planned Start Date & End Date:	ASAP
Date of Posting:	June 23 th , 2020
Deadline to Apply:	June 30 th , 2020

PRIMARY DUTIES

Through support from Canada First Research Excellence Fund, the McGill Healthy Brains for Healthy (HBHL) life initiative (<https://www.mcgill.ca/hbhl/>) aims at conducting cutting edge research to deliver implementable, clinically effective outcomes in brain and mental health for Canadian citizens. The **NeuroHub** project is tasked with the construction of a versatile and flexible neuroinformatics infrastructure to foster *collaborative* and *reproducible* neuroscience and translational research. The goal of NeuroHub is to advance research with the tools and the informatics environment to improve research efficiency and reusability through the dissemination, documentation, and processing of large and complex research datasets such as the UK Biobank.

The selected candidate will work at the interface of the neuroscience research and clinical user community to support research performed on the platform, contribute to the platform testing, organize training and testing of the platform. The research assistant understands the needs of and interacts with the user community, reports to the Principal Investigator, and becomes a part of a dynamic team of scientists, developers, and coordinators.

Specific duties include;

- Plans and develops methodology for best supporting research activities.
- Designs actions within research objectives set by the Principal Investigator (PI) and the general direction of the project.
- Uses expertise and scholarly background to advance research and break new ground.
- Contribute to resolving conceptual problems in platform design. Work with the research community to understand the research needs and constraints and help adapt the architecture of the platform to these needs.
- Design and conduct training for the use of the NeuroHub platforms. Participate to the communication of the NeuroHub platform.
- Liase with various partners at the department, university, national and international levels. Prepare scientific communications that may result.

EDUCATION/EXPERIENCE

M.Sc. in Biomedical Sciences with 2-3 years relevant experience

OTHER QUALIFYING SKILLS & ABILITIES

- Experience in neuroscience data processing
- Experience in organization of complex data collection and documentation
- Familiar with Linux/MacOS and some basic programming skills
- Experience with the analysis of neuroscience and or genomics datasets
- Experience with teaching and communication to the research community

HOW TO APPLY

Please submit your application to:

Please send your resume and three letters of reference to jean-baptiste.poline@mcgill.ca

Only candidates under consideration will be contacted

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.