Position description

The McGill University Department of Neurology and Neurosurgery and the Ludmer Centre for Neuroinformatics & Mental Health, a multi-centre initiative at McGill University that combines neuroimaging, genetics and epigenetics information in the investigation of normal brain, neurological diseases and psychiatric disorders, are currently inviting applications for a tenure-track faculty position in the field of imaging-genetics of brain disorders at the rank of Associate Professor.

The successful candidate will possess extensive knowledge of the analytic challenges of combining imaging and genetic data in the study of neurological and psychiatric disorders. The candidate will have an established international reputation in neuroinformatics and extensive international collaborative links to advance the agenda of the Ludmer Centre.

The Ludmer Centre is part of McGill University, Canada’s leading research-intensive university with students from over 140 countries. The university is located in Montreal, a cosmopolitan city with great cultural and linguistic diversity.

McGill University is a leading international research environment in neuroscience that has recently been awarded a major federal grant for a broad program in computational neuroscience. The Montreal Neurological Institute of McGill University has embarked on a journey to set a global precedent as the first academic institute to fully embrace the principles of Open Science. In that context, the Institute highly encourages its researchers to work under these principles.

Job Duties

The successful candidate should have a strong record of research accomplishments and is expected to be actively involved in all aspects of McGill’s academic mission (i.e. teaching, supervision of graduate students, and involvement in academic and administrative committees). He/she will work closely with the Centre’s technical group and its international equivalents to build an international network of partners engaged in imaging-genetics research of normal and disordered brain. He/she will be expected to conduct independent research in this area, develop innovative strategies for “big data” analysis, obtain regular grant funding and
maintain an energetic training environment for students, building their career at the interface between information science and neuroscience. He/she will collaborate with a large community of basic neuroscientists and clinical researchers in the application of big data approaches to specific neuroscience questions.

Qualifications and Education requirements

Applicant should have a PhD in Biostatistics or related fields and be expert in the application of statistical methods to neuroimaging and genetics data, as well as having experience in neuroinformatics and data sharing technologies. Salary is commensurate with qualifications and experience.

JOB DETAILS

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<th>Job Type:</th>
<th>Tenure-track</th>
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<tr>
<td>Rank:</td>
<td>Associate Professor</td>
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<td>Salary:</td>
<td>Salary will be commensurate with qualifications and experience</td>
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Posting period: 30 days

APPLICATION PROCESS

Applications must be submitted on-line at: http://www.mcgill.ca/medicine-academic/positionsavailable

The following supporting documents are required:

- a cover letter & curriculum vitae (as 1 pdf document)
- statement of research (if including other documents, combine to make 1 pdf)
- the names and contact information of three referees

McGill University is committed to diversity and equity in employment. It welcomes applications from:
women, Aboriginal persons, persons with disabilities, ethnic minorities, persons of minority sexual orientation or gender identity, visible minorities, and others who may contribute to diversification.

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority.