



McGill

Reference #: C3-201216

Assistant Professor (Research)-Magnetic Resonance Imaging Scientist

Faculty of Medicine and Health Sciences – Department of Psychiatry and the Douglas Cerebral Imaging Centre

Position description

The Department of Psychiatry at McGill University and the Douglas Cerebral Imaging Centre invite applications for a full-time Assistant Professor (Research) in the field of Magnetic Resonance Imaging (MRI) with an emphasis on MRI physics, high-level computational methods, and/or experimental neuroscience. The successful applicant will hold an academic appointment as a member of the Contract Academic Staff. This position does not confer eligibility for tenure.

McGill is one of Canada's leading research-intensive universities with students from over 140 countries. The university is located in Montreal, a cosmopolitan city with great cultural and linguistic diversity. It has long been considered a leader in both neuroscience as well as in the development of MRI acquisition and analysis methods that support a large spectrum of basic and clinical research endeavours. Their strong training programs in Biological and Biomedical Engineering, the Integrated Program in Neuroscience, Psychiatry, and Quantitative Life Sciences favour the development of strong multidisciplinary research teams.

With over 55 researchers spanning a full range of mental health research (neuroscience, clinical, services, policy and epidemiology/population health), the Douglas Research Centre has been an international leader in mental health research for more than 30 years. Integrated within the Douglas Institute, a psychiatric hospital, and the much larger Montreal West-Island Integrated University Health and Social Services Centre, the Douglas Research Centre also offers significant opportunities for carrying out research in collaboration with a wide range of nearby mental health services. The successful candidate will be expected to conduct their research activities at the Cerebral Imaging Centre, a world class neuroimaging facility dedicated to neuroscience and psychiatry research and will be expected to support the human (3T Siemens Prisma) or small animal (7T Bruker Biospec) MRI platforms.

Job Duties

- Conduct an independently funded research program in the field of Magnetic Resonance Imaging, focusing on methods or models that can help understand brain circuitry in cases of normal or abnormal brain function;
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- Contribute to the teaching and supervision of a diverse group of graduate students at the MSc and PhD level, and postdoctoral fellows;
- Disseminate research findings through peer-reviewed publications, and other knowledge translation and exchange activities;
- Participate actively in all aspects of McGill's academic mission, with demonstrated strong commitment to equity, diversity and inclusion in all areas (research, teaching, supervision of graduate students and involvement in academic and administrative committees).

Qualifications and Education Requirements

- Applicants must hold a PhD and have post-doctoral training in physics, engineering, neuroscience, psychology, computer science, statistics, or related fields;
- A demonstrated ability to develop a MRI-based research program with strength in methodological development in alignment with the priorities of the Department of Psychiatry and the Douglas Research Centre;
- Evidence of strong research productivity and the ability to attract competitive funding;
- A demonstrated commitment to – and, in accordance with circumstances, a track record in – equity, diversity, and inclusiveness (EDI).

Faculty/Department/Unit: Faculty of Medicine and Health Sciences, Department of Psychiatry

Employee Type: Contract Academic Staff ('Academic Contractual')

Rank: Assistant Professor

Salary: Salary will be commensurate with qualifications and experience and paid directly through the Douglas Research Centre

Job Status: Full-time

Posting Period: 30 Days

Applications must be submitted on-line at: https://mcgill.wd3.myworkdayjobs.com/en-US/mcgill_careers/job/Pine-1033/Assistant-Professor--Research---C3-201216---Magnetic-Resonance-Imaging-Scientist_JR0000006975

The following supporting documents are required:

- Cover letter and curriculum vitae
- Statement of research
- Names and contact information of three referees

Use a personal email address when creating an account in Workday to submit your application. Do not use @mail.mcgill.ca or @mcgill.ca email accounts to apply.

McGill University is committed to equity and diversity within its community and values academic rigour and excellence. We welcome and encourage applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to engage productively with diverse communities.

At McGill, research that reflects diverse intellectual traditions, methodologies, and modes of dissemination and translation is valued and encouraged. Candidates are invited to demonstrate their research impact both within and across academic disciplines and in other sectors, such as government, communities, or industry.

McGill further recognizes and fairly considers the impact of leaves (e.g., family care or health-related) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that affected productivity, or that may have had an effect on their career path. This information will be considered to ensure the equitable assessment of the candidate's record.

McGill implements an employment equity program and encourages members of designated equity groups to self-identify. It further seeks to ensure the equitable treatment and full inclusion of persons with disabilities by striving for the implementation of universal design principles transversally, across all facets of the University community, and through accommodation policies and procedures. Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, this email or phone at 514-398-2477.

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