



**Opening of a Faculty Position for an MRI Physicist
at the Associate or Assistant Professor level.**

**McConnell Brain Imaging Centre
Montreal Neurological Institute
McGill University, Montreal, QC, Canada.**

Montreal, July 15, 2013.

The McConnell Brain Imaging Centre (BIC) of the Montreal Neurological Institute is seeking to recruit an MRI Physicist at the Assistant/Associate Professor level.

The successful candidate will join the BIC Faculty, with primary affiliation with the Department of Neurology and Neurosurgery at McGill University.

The McConnell Brain Imaging Centre is a leading research facility with an expansive instrumentation platform consisting of: 2 research-dedicated Siemens MRI scanners (3T Trio and 1.5T Sonata), 2 human PET scanners (including a Siemens high-resolution research tomograph: HRRT), with onsite cyclotron, a 7-T small-animal Bruker MRI, a CTI microPET, a CTF/VSM 275-channel MEG instrument, and substantial computing resources.

The BIC forms one of the main research resources and groups of the world-renowned Montreal Neurological Institute (MNI) and Hospital, located on the downtown campus of McGill University, in the heart of Montreal.

The successful candidate will become a new member of the BIC Faculty, consisting of 15 principal investigators, whose expertise covers most fields of today's neuroimaging research. Overall, the centre is host to 150 students and staff members. Its primary vocation is to provide state-of-the-art research support and resources for the large McGill Neuroscience community and beyond.

The primary missions of the candidate will be to develop original research in MRI data acquisition and pulse sequence design, to oversee the operations of the BIC 1.5-T and 3-T MRI systems, to supervise and manage a team of 4 MRI technicians in coordination with the BIC Director and MRI Research Committee, and to serve as the primary MRI physics expert at the BIC, facilitating the use of MRI by the Neuroscience community of the MNI, McGill University and all BIC users and by developing collaborations with other BIC imaging scientists. The candidate will also spearhead the acquisition of a large bore 7-T scanner, as part of the next development phase of the McConnell Brain Imaging Centre.

For all these reasons, the ideal candidate will demonstrate solid experience with MRI image acquisition and pulse sequence design, a strong interest in fostering multidisciplinary and translational research collaborations, experience with 3-T and 7-T image acquisition and a solid publication track-record.

For informal inquiries, contact Sylvain Baillet, Interim Director of the McConnell Brain Imaging Centre: sylvain.baillet@mcgill.ca.

Full application should include:

- complete CV
- contacts of 3 references
- research statement (2 pages maximum).

Applications will be considered until the position is filled.