



Postdoctoral Associate

A postdoctoral position under the supervision of Dr. Corey Baron is available in the Robarts Research Institute, Schulich School of Medicine & Dentistry at Western University (2 year term), with an expected starting date of September 1, 2022. The successful candidate will develop non-Cartesian pulse sequences and/or image reconstruction algorithms for diffusion MRI that utilizes a field monitoring system at 7T. Scientific investigations at Robarts Research Institute employ a team-based approach, and there will be numerous opportunities for collaborations with faculty and physicians in Neuroscience, Physiology and Pharmacology, Anatomy and Cell Biology, and other departments at Western. Our lab values diversity, and applications from individuals who identify with traditionally marginalized groups are encouraged.

Qualifications

- PhD in Biomedical Engineering, Physics, Electrical Engineering or related discipline
- Experience in programming
- Experience in pulse sequence programming or image reconstruction is an asset, but not required. On-site training will be provided.
- Demonstrated written and oral communication skills

Facilities

The successful candidate will be situated within the Centre for Functional and Metabolic Mapping (CFMM, <http://cfmm.robarts.ca>) at Western's Robarts Research Institute. The CFMM houses an ultra-high field in vivo MRI system (7T Siemens Magnetom) and a high field (3T Siemens Prisma) and ultra high field small animal (9.4T Bruker) MR system, along with a dedicated, fully staffed RF coil lab.

Application Instructions

Applicants should send a cover letter outlining their research experience and interests, a Curriculum Vitae, and contact information for two references to:

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