



MEG Scientist @ IWK Health Centre, Halifax, NS, Canada

The MEG lab at the Biomedical Translational Imaging Centre (BIOTIC) in the IWK Health Centre, Halifax, NS, Canada is hiring for the position of **MEG Scientist**. The MEG Scientist will implement a neuroimaging research program and support our existing clinical program in MEG. You will be part of the growing BIOTIC team, will be supported by an Imaging Technician, and will work with collaborators in the region and abroad. Applicants will be expected to describe an independent research plan involving MEG and neuroimaging more broadly, and be committed to supporting our clinical program.

The BIOTIC MEG lab, located in the region's leading research and teaching women and children's hospital, maintains research and clinical programs in both pediatric and adult populations. These ongoing commitments occur in collaboration with researchers at the regions' universities and clinicians in Neurology and Neurosurgery. The BIOTIC MEG lab also works with industry partners in the medical technology space to achieve their strategic goals through collaborative projects. Many researchers at BIOTIC maintain professional affiliation with Dalhousie University.

Qualifications

- PhD degree in Physics, Biomedical Engineering, Neuroscience or a research related field
- Publication track record in neuroimaging
- Literacy with MATLAB and/or Python based MEG analysis packages is required
- Interested in multi-modal imaging is a plus
- Strong technical ability with MEG hardware/software is a plus

Start Date: ASAP

Salary commensurate with experience

BIOTIC is a multi-site imaging centre that is embedded in the two leading research and teaching hospitals in Nova Scotia. Our advanced pre-clinical and clinical imaging equipment are housed in three labs, in two health centres encompassing over 12,000 square feet of lab space. BIOTIC operates at the intersection of research, clinical care, and industry collaboration, offering a dynamic and multifaceted work experience. The team co-develops medical technologies and creates new imaging techniques and methods for diagnosing and monitoring treatment.

With a population of over 400,000 people, Halifax is the capital city of Nova Scotia, Canada. Greater Halifax boasts 5 universities and the two largest academic health centres in Atlantic Canada. Founded in the mid-1700s as a British naval fortress, Halifax balances a vibrant downtown filled with museums, theatres and pubs, with beaches, hiking trails and parks (the IWK itself is a mere 600 meters from the ocean!), and also has daily flights to London-Heathrow, NYC, Chicago etc. For more information on Halifax, please see www.destinationhalifax.ca

For more information, please contact Dr. Tim Bardouille at tim.bardouille@iwk.nshealth.ca.