

# Post Doctoral and Research Associate positions in Translational Neuroimaging: MEG/EEG, fMRI, MRI

Halifax, Nova Scotia, Canada

Post-doctoral and/or Research Associate positions are available at the Institute for Biodiagnostics in Halifax, Canada. The Institute operates the Laboratory for Clinical Magnetoencephalography (306 channel MEG/64 channel EEG), the Neuroimaging Research Laboratory (4T MRI/64-channel MR-EEG, rTMS), and the Biomedical MRI Research Laboratory (3T MRI/small animal PET/CT).

Embedded in Atlantic Canada's largest health centres (IWK and QEII Health Centres), the positions offer opportunities in all areas of translational neuroscience/physics. The specific research partners supporting these positions include the IWK Health Centre, Elekta Neuromag, and National Research Council. Affiliations include Dalhousie University and QEII Health Sciences Centre.

The scientist in this position will provide leadership, with MEG/MRI research focused in areas such as presurgical planning of epilepsy and tumors, cognitive and clinical imaging research of the brain, and new clinical applications of MEG in neurological conditions such as stroke, TBI, Alzheimer's disease, autism, and pain research. Technical opportunities may also include MEG/MRI integration (hardware, software, and data) and advanced MEG/MRI physics.

Applicants must have, or be expecting, a Ph.D. (or equivalent degree) in neuroscience, physics, or biomedical engineering. Prior experience in functional brain imaging is required.

Candidates interested in this position should contact and/or send a cover letter and CV to:

Ryan C.N. D'Arcy, Ph.D.

Head, Institute for Biodiagnostics (Atlantic), National Research Council

Scientific Staff, IWK Health Centre and QEII Health Centre

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