Postdoctoral fellowship
Montreal Neurological Institute
McGill University
http://www.mcgill.ca/neuro/

Human studies on mechanisms of general anesthesia

We have an active program in the investigation of anesthetic action in human subjects using both surface and intracranial EEG. Our immediate goal is to characterize the EEG changes associated with the progressive loss of volitional control caused by general anesthetics. Our ultimate objective is to understand how general anesthetics cause unconsciousness. The environment includes clinical anesthesiologists and basic researchers within very active imaging, neurological, and neuroscience research centers.

Requirements: Applicant should have a PhD degree with training in electrophysiology and signal processing. Mastery of Matlab is also required. Experience with brain imaging would be a strong asset.

Supervisor: Gilles Plourde MSc MD
Salary: According the Canadian Institutes of Health Research.
Duration: 1 year with possibility of renewing for 1 year

Position available immediately. Please send your CV with a brief letter of intent to: Gilles Plourde (gilles.plourde@mcgill.ca)