

**Job title:** Research EEG Technician

**Location:** ANPHY lab, Montreal Neurological Institute/Hospital, 3810 University Avenue, Montreal, QC H3A 2B4

**Job status:** Temporary – 1 year of full-time work guaranteed and possibility of extension thereafter

**Hours per week:** 35 hours (full-time)

**Salary scale:** \$22.25 - \$30.68/hour depending on experience

**Workplace:** The Research EEG Technician would join the Analytical Neurophysiology (ANPHY) Laboratory team, led by Dr. Birgit Frauscher, at the Montreal Neurological Institute and Hospital. The ANPHY Lab employs a variety of quantifiable tools in order to shed light on neurophysiological and pathological processes in the human brain. In particular, the ANPHY Lab's research seeks to investigate the important interactions between sleep and epilepsy, develop novel seizure-independent EEG markers of the epileptogenic zone in order to achieve a more accurate diagnosis of epilepsy, and use invasive intracranial EEG to study brain physiology during wakefulness and sleep in order to better delineate normal from abnormal brain activity. The ANPHY Lab's ultimate goal is to improve the care of people with epilepsy.

**Main duties:** The EEG technician would be responsible for a diversity of tasks including, but not limited to, the following:

- Greeting users, explaining procedures and the installation of the electrodes for the recording of high-density EEG (with cap, 83 electrode collodion) or sleep recording
- Assuring the proper functioning of the devices and the recording of data
- Completing forms, compiling data, preparing reports, maintaining records and files
- Ensuring compliance with safety regulations in the use of equipment, ensuring proper storage, handling and disposal of hazardous materials
- Ordering supplies, maintaining equipment and performing minor repairs, arranging for servicing
- Keeping abreast of new developments in the field to update skills and knowledge.

We offer a schedule with flexible work hours, no on call duties or weekend work, a chance to work as part of a dynamic team of trainees and researchers, and ongoing training and learning opportunities. You offer solid technical skills in EEG, an independent and organized approach to work and a keen interest in medical research.



Institut-Hôpital  
neurologique de Montréal  
Montreal Neurological  
Institute-Hospital



Centre universitaire  
de santé McGill  McGill University  
Health Centre

**Requirements:** Must have a college diploma with specialization in medical electrophysiology techniques from a school recognized by the Ministère de l'Éducation, du Loisir et du Sport. Must be a member of the Professional Order of Medical Electrophysiology Technologists of Quebec; experience in EEG of people with epilepsy including prolonged video-EEG monitoring is an asset; bilingual language skills (French/English) preferred.

To submit your CV and cover letter, or for any questions, please contact Dr. Birgit Frauscher at [birgit.frauscher@mcgill.ca](mailto:birgit.frauscher@mcgill.ca).