

## Research Center of the Centre hospitalier de l'Université de Montréal

The Research Center of the Centre hospitalier de l'Université de Montréal (CRCHUM) is the largest research center in biomedical sciences and health care at the University of Montreal, and among the largest in Canada. Located at the Champs de Mars metro station, the CRCHUM offers a dynamic and innovative work environment in ultramodern facilities at the cutting edge of technology.

The CRCHUM promotes job stability and supports the development and professional improvement of its employees who benefit from a full range of social benefits (flexible hours, teleworking policy, pension plan (REGOP), generous leave policy).



## Department of Psychiatry – Neurosciences Axis

We are looking for a student interested in doing a PhD degree or a Doctoral degree/ Post-Doctoral internship at the psychiatric neuromodulation laboratory, under the supervision of **Dr Jean-Philippe Miron**

### Project Description

Under the supervision of **Dr Jean-Philippe Miron**, the candidate will be directly involved in a project related to Psychiatric Neuromodulation Techniques (repetitive Transcranial Magnetic Stimulation, Transcranial Direct Current Stimulation, Ketamine, Vagus Nerve Stimulation, Deep Brain Stimulation), which are part of the new generation of neurotherapeutic interventions for major depression. Our team is interested in biomarkers of refractory depression that could predict response to different neuromodulation treatments. The population targeted by the study consists of patients suffering from refractory depression and referred to the Psychiatric Neuromodulation Unit of the University of Montreal Hospital Center. This study could make it possible to establish an association between different biological markers and a better antidepressant response in patients.

### Qualifications

- ✓ Training (MSc, PhD or medical degree) in one of the following areas would be advantageous: Neurosciences, Cognitive Neurosciences, Psychiatry, Psychology, or related discipline. Experience required and field
- ✓ Strong knowledge of French.
- ✓ Candidates should be motivated, dynamic, and autonomous and willing to work in a team

## To Apply

Applicants should send a cover letter, a CV and 2 reference letters to Dr Jean-Philippe Miron :  
**[jean-philippe.miron.med@ssss.gouv.qc.ca](mailto:jean-philippe.miron.med@ssss.gouv.qc.ca)**.

*Only successful candidates will be contacted for an interview.*

*The CRCHUM invites women, Aboriginals, visible minorities, ethnic minorities and people with disabilities to apply. The CRCHUM adopts a broad and inclusive definition of diversity that goes beyond applicable laws. The CRCHUM thus encourages all people, regardless of their characteristics, to apply. In accordance with Canadian immigration requirements, please note that priority will be given to Canadian citizens and permanent resident.*