

Centre intégré  
de santé  
et de services sociaux  
de Laval

Québec 



## **Research participants needed for a Locomotor control study at the Jewish Rehabilitation Hospital - Laval**

We are looking for healthy adults to perform an obstacle stepping task in a virtual environment. The study is exploring the brain regions involved in the perception and action processes that take place during obstacle avoidance. The study involves 2 visits, each lasting approximately 2 hours.

### **Participants must:**

- Be 18-35 years of age, right-handed and have normal/corrected vision.
- Have no neurological/psychiatric disorders.

### **Participation involves:**

- Physical, cognitive, and behavioral evaluations.
- Brain scanning with Electroencephalography (EEG) (safe, non-invasive, no x-rays/radiation).
- Immersion in a virtual environment (Virtual Reality).

### **Potential benefits or compensation for participating:**

- Access to the results of the study
- A compensatory indemnity will be offered.

If interested, please contact Marco Bühler, Ph.D student, McGill University, at the following mail address: [marco.buhler@mail.mcgill.ca](mailto:marco.buhler@mail.mcgill.ca)

This project is under the supervision of Prof. Anouk Lamontagne, School of Physical and Occupational Therapy, McGill University, (450)-588-9550, ext.: 84168.