

PhD position in neuromodulation at the University Hospital of Geneva

An exciting opportunity awaits you at the Division of Neurorehabilitation, Department of Clinical Neurosciences, University Hospital of Geneva, Switzerland. We are currently seeking a motivated candidate for a PhD position to join our dynamic and collaborative research group.

About us: The research group investigates brain plasticity in patients with acquired brain injury and the effects of new treatment approaches based on neurotechnology. We are an interdisciplinary and highly collaborative research group. The work environment is dynamic, international, and offers a great team spirit.

The primary focus of this project is the use of non-invasive brain stimulation technology to enhance functional connectivity, with a specific emphasis on improving language skills in both healthy human subjects and patients recovering from stroke.

Methods: The successful candidate will engage in cutting-edge research using various methods, including transcranial direct current stimulation (tDCS), transcranial random noise stimulation (tRNS), transcranial alternating current stimulation (tACS), neurofeedback, and functional imaging with EEG.

Qualification requirements:

- A master's degree in neuroscience, biomedical engineering, psychology or similar.
- Experience with brain stimulation and/or EEG/MEG analyses is advantageous
- Good knowledge of statistical concepts
- Fluent in both French and English.
- Good communication and writing skills.
- Previous experience working with patients is a plus.

Starting date: 01 June 2024 or as agreed upon

Duration: 3-4 years.

Remuneration: competitive salary according to the scales of the University of Geneva and the Swiss National Science Foundation.

To apply for this position, please submit a letter of interest, a comprehensive CV, and a recommendation letter electronically. The position will remain open until filled.

Contact and further information:

Prof. Adrian Guggisberg
Service de Neuroréducation
Département des Neurosciences Cliniques
Hôpitaux Universitaires de Genève
Avenue de Beau-Séjour 26
CH-1211 Genève 14
Switzerland
Adrian.Guggisberg@hcuge.ch