

PhD Student position in Neuroscience (full-time)



The Neurocenter of the Lucerne Cantonal Hospital, in Collaboration with the Gerontechnology and Rehabilitation Group, ARTORG Center for Biomedical Engineering Research, University of Bern, and with the University Neurorehabilitation, Neurology Department, Inselspital, Bern University Hospital, are inviting for applications for a PhD Student position in Neuroscience.

Tasks

We are seeking a motivated PhD student to collaborate in a project funded by the Swiss National Science Foundation (SNF). The project will investigate cross-modal interactions after brain lesion, in particular the influence of auditory stimulation on visual neglect in patients with right-hemispheric strokes. The methods applied include behavioral paradigms, measurement of eye movements, transcranial magnetic stimulation (TMS), lesion analysis techniques, and diffusion tensor imaging (DTI).

Requirements

For this position, we are looking for an active and self-motivated person with a Master's degree in psychology or a related discipline. A background in neuropsychology and/or experimental psychology, experience with stroke patients, and technical affinity are a plus. Strong communications skills in German (required for contact with patients) and in English (working language in the research environment) are required.

We offer

- A creative and stimulating environment in which clinicians and researchers from different disciplines (neurologists, neuropsychologists, engineers, physiotherapists, occupational therapists, speech therapists) work closely together in an interdisciplinary way.
- Extensive supervision and support in all the aspects of the project.
- Possibility to enter the Graduate School for Health Sciences (GHS) of the University of Bern, with a strong PhD program in Neuroscience.
- Strong links to the clinics at the Lucerne Cantonal Hospital and at the Bern University Hospital (Inselspital).
- PhD Student working conditions according to the regulations of the Swiss National Science Foundation.
- Main working place: Lucerne.
- Expected start date 01.04.2021 (starting date can be discussed).

Application

Please feel free to contact Prof Dr Thomas Nyffeler for any question, at thomas.nyffeler@luzs.ch. Please send your complete application (letter of motivation, CV, copy of diplomas) via e-mail.