

Open PhD Position in the research area of Sleep, Memory and Health

@RaschLab, University of Fribourg, Switzerland

Description of the research area:

Sleep is important for our health and cognitive functioning. In our lab, we examine the impact and underlying mechanisms of cognitive interventions (e.g. relaxation, hypnosis, stress etc.) on physiological sleep processes. In addition, we test the role of sleep and interventions during sleep (e.g. auditory stimulation, targeted memory reactivation, electrical stimulation etc.) on sleep and cognitive processing during sleep. Our main methodology is the electroencephalography (EEG) and related physiological measures (e.g. heart rate, skin conductance responses etc.) as well as behavioural testing.

Requirements:

The ideal candidate will hold a Master's degree in psychology, cognitive neuroscience or related fields. A strong background in experimental methods, statistics and data analysis is required, ideally including experience in EEG recordings and analysis. Applicants must be highly motivated and willing to pursue research and develop skills across disciplines. Applicants must be fluent in English and/or German.

We offer:

We offer the PhD candidate the opportunity to conduct and contribute to exciting research projects with an excellent and highly motivated team. The research will be performed in the fully equipped sleep and cognition laboratory of the Division of Cognitive Biopsychology and Methods at the University of Fribourg (Switzerland). Data collection during night and day will be part of the PhD project. In addition, the PhD candidate will help in teaching and administrative duties of the Division, including supervision of BA and MA students and contribute to teaching the course "experimental methods". Terms of employment conform to the regulations of the Canton of Fribourg, Switzerland.

Anticipated starting date: Between 1st of February and 1st of September 2021

Duration: 4-5 years

Application deadline: 30st of November 2020

Please send your application (cover letter detailing the motivation for the proposed project, CV, and the names/addresses of two referees) per email to: Dunja Ingold (dunja.ingold@unifr.ch). Interviews will be conducted online.

Contact

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