



Department of Psychiatry and Psychotherapie, The Neural Plasticity research group is seeking applications for a

Postdoctoral Research Position

payment according to 13 TV-KAH (starting 01. April 2017); Referenzcode: 2017-47

Funding for the postdoctoral position is provided by the Jacobs Foundation and currently available for 2 years, but an extension may be possible.

The research group has access to 3T MRI scanners, EEG, tDCS and TMS and is located at the Department of Psychiatry and Psychotherapy at the UKE, which is internationally renowned for research on psychiatric disorders and the development of state-of-the-art intervention and treatment programs. The department comprises the necessary infrastructure and a large patient pool. The immediate research environment consists of the Centre for Interdisciplinary Addiction Research at the UKE, a research institution with more than 30 researchers from different fields, including psychology, psychiatry, sociology and criminology who's work is exclusively dedicated to addiction research spanning clinical research, research on health services, prevention as well as epidemiology. Furthermore the UKE has an increasing focus on neuroscience research and our research group is part of the Collaborative Research Center "Multi-Site Communication in the Brain" (SFB 936, <http://www.sfb936.net/>).

Your tasks:

- Analysis of existing longitudinal datasets using structural equation modelling, in particular you will work on a dataset in which we assessed adolescents three times to predict the occurrence of mental disorder
- Analysis of behavioral as well as structural and functional MRI data
- Preparation of scientific manuscripts for publication
- Supervision of PhD and MD students and student assistants that assist during data collection and data preprocessing
- Possibility to assist in teaching

Your profile:

- University degree in psychology, cognitive neuroscience or related fields
- Finished or soon to be finished dissertation
- Advanced knowledge in the application of structural equation modelling (mastery of programmes like MPlus, OpenMx or lavaan)
- Solid background in at least one programming language, preferably Matlab or R
- high proficiency of the English language
- Experience with longitudinal and training studies is an advantage
- Strong interest in brain as well as behavioural plasticity and in psychiatric disease
- Ability to work independently, sense of responsibility and ability to work in a team.

Your contact for informal inquiries and further information: Prof. Dr. Simone Kühn (skuehn@uke.de).

We offer a work environment that offers equal opportunities independent of age, sex, sexual identity, disability, origin or religion. We confirm this by signing the Diversity Charter. We explicitly aim to increase the proportion of women in leadership positions, especially the academic staff in research and teaching. Women are given preference if equally qualified. People with severe disabilities are given preference if equally qualified, and of equal competence and professional performance.

We are looking forward to your complete applications (all within one .pdf document) until **March 06th, 2017** via Email: bewerbung@uke.de.