

The NEMO Lab at the Dept. of Psychiatry (Director: Professor Dr. Dr. René Hurlemann), Karl-Jaspers Psychiatric Hospital, Carl von Ossietzky University Oldenburg, is seeking a

Doctoral Researcher (m/f/d)

(E13 TV-L, 75%)

to support the research project "The neurobiology of social interaction in the age of digital mental health (NerDI)" funded by the Deutsche Forschungsgemeinschaft (DFG). The project aims at identifying the behavioral and neural correlates of social interaction with human vs. virtual agents and is therefore assigned to the Lab's research trajectory focused on "Digital phenotyping & therapeutics". The position is supposed to start in April 2022 (until 31.12.2024).

The Neuromodulation of Emotion (NEMO) Lab is a team of clinician scientists with a background in psychiatry, psychology or social neuroscience who work together in understanding emotion and improving the treatment of stress-related disorders characterized by a lack of emotional equilibrium, such as major depression, schizophrenia, and borderline personality disorder. Our work has its focus on developing innovative neuromodulatory and neuroendocrine therapies using pharmacological interventions (Oxytocin, Ketamine) with the aim to establish more rapid and robust methodologies for treating stress-related disorders. By pursuing clinical studies in patients as well as preclinical studies in healthy volunteers, the NEMO Lab combines translational research strategies and integrates key insights from diverse methodological sources, including behavioral neuroscience, functional neuroimaging, and a broad range of brain stimulation techniques from neuro-navigated TMS to DBS.

Your responsibilities

- Study design
- Acquisition and analysis of fMRI and behavioral data
- Presentation and publication of the results
- Interaction with team members and international collaborators from Neuroscience, Psychology, Medicine, Economics and Computer Science

Your Profile:

- Completed university degree (Master or equivalent) in Neuroscience, Psychology, or related disciplines
- Strong interest in basic neuroscience research within a collaborative research environment
- High intrinsic motivation, initiative, and the ability to work independently
- English and German communication skills (written and spoken)
- Prior research experience with experimental psychology or cognitive neuroscience techniques (psychophysics, EEG, fMRI, TMS, etc) is advantageous
- Matlab/SPM and SPSS/R skills desirable

The University of Oldenburg is dedicated to increasing the percentage of women in science. Therefore, female candidates are particularly encouraged to apply. In accordance with Lower Saxony regulations (§ 21 Section 3 NHG) female candidates with equal qualifications will be preferentially considered. Handicapped applicants will be given preference in case of equal qualification.

For further information please visit www.hurlemannlab.com. If you are interested in this position please submit your application with the usual documents - preferably by e-mail (one pdf file) - until 15.02.2022 to Dr. Nina Marsh (nina.marsh@uni-oldenburg.de), Dept. of Psychiatry, Karl-Jaspers Psychiatric Hospital, Carl von Ossietzky University Oldenburg, Hermann-Ehlers-Straße 7, D-26160 Bad Zwischenahn.