LMU KLINIKUM

Department of Psychiatry and Psychotherapy
LMU Hospital, Munich

NEVIA
NEurode**V**elopmental Disorders &
Social **I**nter**A**ction Lab

Institution	NEVIA Lab, Clinic for Psychiatry and Psychotherapy, LMU Hospital PI: Prof. Dr. Christine Falter-Wager
Remuneration	Part-time (70% TV-L, 36 months)
Start date	01.11.2025
Application deadline	**01.09.2025**
Contact	psy-nevia@med.uni-muenchen.de; clara.gernert@med.uni-muenchen.de

We are looking for you:

PhD Student / Doctoral Candidate (m/f/x)

The Neurodevelopment and Social Interaction (NEVIA) Lab (https://nevialab.com/en/) at LMU Munich is seeking a highly motivated Doctoral Candidate (PhD) to join our interdisciplinary team in a competitive position (TV-L) for a duration up to 3 years (36 months).The NEVIA Lab is dedicated to advancing the use of portable biosensing tools for studying and improving mental health.

The fully-funded PhD position is part of a larger LMU-Cambridge partnership project (CCC Lab, PI: Prof. T. Bekinschtein) investigating the dynamic interrelationships between sleep, sensory sensitivity and stress in adults with depression. The project follows a translational, personalized medicine approach using advanced digital tools for collecting objective and subjective biomarkers in a home based setting.

Your tasks and responsibilities:

- Conduct and support interdisciplinary research at the intersection of cognitive neuroscience, psychology, biological psychiatry, and portable technology.
- Support recruitment, data collection, data analysis, method development, and clinical collaborations. Specifically, apply and analyse data from portable EEG, physiological wearables, EMA, and related areas.
- Contribute to programming and designing a data platform for patients and clinicians.
- Develop and implement advanced analytical approaches using programming and data science tools (e.g., Python, R).
- Co-supervise Master's, and Bachelor's students.
- Contribute to publications and grant applications to further advance research in the field.

Your qualifications:

- Master in Cognitive Neuroscience, Psychology, Data Science, Engineering, or a related field.
- Good quantitative and programming skills (e.g., Python, R).
- Prior experience in conducting research studies in Psychology / Neuroscience is a must.
- Experience with portable technology, digital phenotyping, wearable sensors, and/or app programming is beneficial.
- Interest in clinical and translational research, and ability to work closely with clinicians and psychiatric patients.
- Fluent in English; German language skills at B2 or higher.
- Proactive mindset, independent problem-solving skills, and the ability to acquire new methodological skills as needed.

- Strong communication skills, particularly in working in a collaborative, interdisciplinary environment.

Benefits:

- A competitive, fully-funded position for 36 months, aligned with German public sector pay scales in an excellent research environment (see https://www.mcn.uni-muenchen.de/members/index.html).
- Flexible working arrangements in a dynamic and supportive research environment.
- Research visits at the partner lab at the University of Cambridge within the Partnership scheme.
- Plenty of scope for developing your academic career by collaborations and interdisciplinary networking with Early Career Researchers within the German Centre for Mental Health (DZPG).

Contact and Application Process:

We highly support gender equality and diversity in our research group. We strongly welcome applications from international students, women*, people with disabilities, and other groups currently underrepresented in academia.

To apply, please submit to **psy-nevia@med.uni-muenchen.de**:

- A cover letter outlining your research interests and fit for the position.
- Your CV. If applicable, including a list of publications and any research experience.
- Contact details of two referees.

Earliest start date: as soon as position is filled
For inquiries please contact: clara.gernert@med.uni-muenchen.de

KRAFFT STiFTUNG