Postdoctoral Researcher Position in Social Cognitive Neuroscience, Psychology, or Data Science

The Neurodevelopment and Social Interaction (NEVIA) Lab at LMU Munich is seeking a highly motivated Postdoctoral Researcher to join our interdisciplinary team in a **highly competitive position (E14)** for a **duration up to 4 years**.

The NEVIA Lab is dedicated to advancing the science of social interaction. The team investigates the neural and behavioural dynamics of social interaction, focusing on nonverbal communication, social cue processing, and interpersonal coordination. Using portable neurotechnology, portable eye tracking, motion tracking, and computer vision methods, we study both typical development (with a strong focus on adolescence) and atypical social behaviours in clinical populations to improve the understanding and assessment of social functioning.

Your Role

- Conduct and support interdisciplinary research at the intersection of **cognitive neuroscience, psychology, and portable technology**
- Support data analysis, method development, and clinical collaborations. Specifically, apply and analyse data from **portable EEG (potentially fNIRS), portable eye-tracking, physiological wearables, computer vision, or related areas**.
- Develop and implement advanced analytical approaches using **programming and data science** tools (e.g., Python, R).
- **Co-supervise and mentor** PhD, MD, Master's, and Bachelor's students.
- Contribute to **publications and grant applications** to further advance research in the field.
- Develop your **own research ideas**, with the possibility of starting to build your own team.
- **Potential for Habilitation**, an advanced qualification in the German academic system that enables independent teaching and can serve as a pathway to professorship.

Your Profile

- PhD in **Cognitive Neuroscience, Psychology, Data Science, Engineering**, or a related field.
- Good quantitative and **programming skills** (e.g., Python, R).
- Experience with **portable technology, digital phenotyping, wearable sensors, and/or computer vision methods**.
- **Interest in clinical and translational research**, and ability to work closely with clinicians.
- Fluent in **English** (German language skills are not required, but a willingness to learn basic German is an asset).
- **Proactive mindset**, independent problem-solving skills, and the ability to acquire new methodological skills as needed.
- Strong **communication skills**, particularly in mentoring students and working in a collaborative, interdisciplinary environment.
- Comfortable with **technological challenges and innovation** in research methods.

What We Offer

- A very **competitive position** at E14 level, 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.
- **Opportunities to shape the role** and contribute to multiple research projects.
- Plenty of scope for developing your **own project ideas**, fostering academic independence.
- Several funding opportunities for postdoctoral researcher (e.g., seed funding for new projects) offered by the University and the Medical Faculty.
- Potential to pursue a **Habilitation**, a step towards independent academic leadership.

Application Process

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, including a list of publications.
- Contact details for two referees.

Earliest start date: as soon as position is filled

Location: Department of Psychiatry, LMU Munich (https://nevialab.com/en/)

Application deadline: 01.07.2025