

The Department of Biological Psychology (Institute of Psychology) at the Westfälische Wilhelms-University of Münster (Germany) is looking for a

Postdoctoral Researcher (TVL E13 100%, for 3 years)

in the field of Cognitive Neuroscience. You are invited to join a collaborative research team working on predictive mechanisms in the human brain and behavior (<https://www.uni-muenster.de/PsylFP/AESchubotz/en/index.html>). We are interested in the classification of different types of surprise and prediction, statistical and declarative knowledge that supports predictions, and adaptation and learning processes triggered by prediction errors. We use neuroimaging (fMRI) and electrophysiological (EEG, EDA) techniques in healthy subjects and impaired populations (e.g. Parkinson's disease, stroke, schizophrenia, Asperger autism). The research group has an EEG laboratory with a shielded booth and systems for acquisition of heartbeat and skin conductance data, behavioral laboratories, a laboratory with neuro-navigated transcranial magnetic stimulation (TMS) and controlled access to a 3T research MRI scanner (Magnetom Prisma, Siemens). A 3D video data acquisition system for analyzing body and eye movements of multiple individuals is currently under construction. We maintain several active collaborations with neurological and psychiatric departments.

The candidate will develop and conduct his/her own research project within the methodology and research focus of the group. (S)he will be responsible for methodological co-supervision of our doctoral students. The teaching load is four semester hours per week. Teaching is usually given in German.

The ideal candidate has a PhD in a relevant subject, has already demonstrated a strong motivation for cognitive neuroscience and/or computational neuroscience, and a promising publication list. (S)he has a solid foundation in cognitive neuroscience (including experience in neuroimaging or electrophysiological methods) and/or computational neuroscience, and good computer programming and statistical skills. Experience with eye tracking would be a plus.

For more information about the advertised position and to apply with your CV, a brief description of your research interests, including publications, and names of two potential referees, please contact Ricarda Schubotz, rschubotz@uni-muenster.de.

Applications will be considered until May 1, 2022.