

PhD position (TVöD E13 / 75%) on the neuroscience of expectation effects in emotional processing

Research project

The present project addresses the role of explicit and implicit regulation in emotional expectation effects by combining EEG, Eyetracking and behavioral paradigms in healthy participants and depressed inpatients. The project is part of the DFG funded interdisciplinary collaboration center CRC 289 on “Treatment expectation” (<https://treatment-expectation.de/>), in which international top-class scientists from the field of expectation and placebo are involved.

Location

The project is located within the Lifespan Neuroscience Group (head: Stefanie Brassen) at the Institute of Systems Neuroscience (ISN, head: Christian Büchel) at the University Medical Center Hamburg-Eppendorf in Hamburg, Germany.

What we offer

- Interdisciplinary, and international research environment within the ISN and within the CRC
- The Institute hosts its own research-dedicated 3T MR scanner (PRISMA) and has its own MR-physicist groups, EEG lab, eye-tracking and behavioral laboratories
- Hands-on supervision for learning state-of-the-art analysis techniques
- We are part of an international graduate school that offers a comprehensive ECR program covering all areas of neuroscience (<https://hamburgbrainschool.de/>).

Requirements for the PhD position

- MSc or an equivalent degree in neuroscience, psychology, cognitive science, or a related discipline
- Keen interest in cognitive and computational neuroscience
- Experience in programming (e.g., Python, Matlab)
- Very good statistical knowledge
- Fluent in English and German
- Experience with psychophysiological and peripheral physiological data analysis would be an advantage

Salary is based on German regulations (TVöD-13, for PhD positions with the factor 75%). The appointment will be for 4 years. Start date is flexible.

Contact

Candidates should submit a CV and a brief statement of research interest by e-mail to Prof. Dr. Stefanie Brassen (sbrassen@uke.de). Informal inquiries are very welcome. Applications will be considered until the position is filled.