

Open PhD Position “Neuropharmacology of aversive learning”

We are inviting applications for a PhD position that will focus on the **neuropharmacological mechanism underlying fear learning and extinction** in humans. The project includes a series of systematic and multi-methodological studies in healthy human volunteers using **neuroimaging techniques** (fMRI), **psychophysiological measures** (Skin-conductance and Eye-blink Startle), **computational modeling**, as well as **pharmacological manipulations**.

The successful candidate will work with Jan Haaker, PhD, within a team (research group “Systems Neuropharmacology of aversive learning”) that consists of a post-doctoral researcher, study physicians and student assistants. The group is part of the international and multidisciplinary research environment at the Department of Systems Neuroscience (Director Christian Büchel), University Medical Center Hamburg Eppendorf. More information can be found under <http://www.neuropharma-hamburg.de>

The **Department of Systems Neuroscience** offers an open and vibrant research environment, such as a research-dedicated 3-T MR Scanner (PRISMA), Virtual-Reality laboratories as well as state-of-the-art laboratories for behavioral testing and psychophysiological studies. In addition, the institute offers **excellent training opportunities** ([see here for selected graduate school courses](#)), which are specifically tailored for PhD-Students.

Optimal **starting date for the position is March 2019** (negotiable). The PhD project is funded by the German Research Foundation (DFG) for three years (salary is equivalent to E13 TV-KAH, 65%).

Applications will be accepted until the position is filled. The group is committed to maintain a diverse and inclusive environment.

The optimal new team-member has:

- Completed a masters degree (or equivalent) in neuroscience, cognitive science, psychology, pharmacy or a related disciplines
- Interests in affective neuroscience, pharmacology and learning processes.
- Interest and early experience in conducting and analysing neuroimaging experiments.
- Motivation and early experience with programming code (e.g., Matlab, R).
- Excellent skills in English (written and oral).
- Enjoys to contribute to a dynamic research team

Are you interested? Do you want to know more?

Please send your application as a single pdf document to j.haaker@uke.de

Please include a CV with your contact details and contact information of academic reference(s), as well as a brief motivational statement.

Informal inquiries are explicitly encouraged.