

## **Faculty of Psychology**

The **Institute of Clinical Psychology and Psychotherapy, Chair of Addiction Research** offers a position as

### **Research Associate / PhD Student**

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the **next possible date** for 3 years. The period of employment is governed by Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz-WissZeitVG). The position entails 65 % of the fulltime weekly hours and offers the chance to obtain further academic qualification (e.g. PhD).

The candidate will be engaged in and substantially contribute to the project "Regulation of Craving: Stress-challenge and re-exposure effects", which is funded by the Deutsche Forschungsgemeinschaft. Stress and craving are important predictors for relapse in patients with substance use disorders. The current project seeks to examine how stress and executive functions interact to influence the ability to regulate craving and compares different strategies to modulate craving with respect to their mid to long-term effects in smokers. A range of neurobiological methods are employed, including fMRI, EEG, and saliva samples, and the candidate will receive training in their application and analysis.

The candidate will become part of the young and aspiring team at the Chair of Addiction research headed by Prof. Dr. Tanja Endrass. The general focus of this group is to examine neural correlates of etiological and maintaining factors in substance use and addictive behaviors, particularly cognitive control, impulsivity, and compulsivity.

#### **Tasks:**

- participant recruitment and run experimental sessions
- EEG and fMRI analysis
- programming (experiments and analysis routines; e.g. Matlab, Presentation, R)
- prepare English manuscripts for publication
- present results at scientific conferences

#### **Requirements:**

- excellent/above-average university degree (Diploma/Master) in psychology, cognitive neuroscience, or related fields
- a strong interest in cognitive and/or clinical neuroscience
- background in neuroimaging and/or electrophysiological methods
- sound statistical skills
- fluent English, good German (and/or willingness and ability to train)

Applicants who do not fulfill these requirements are invited to argue why they are qualified.

#### **Terms and conditions**

- preferred starting date is June 2019 but later starting dates may be possible.
- fully funded research project including resources for student assistants, lab equipment, and conference travel
- opportunity to obtain a doctoral degree in sciences
- opportunity to contribute to the lab's research agenda
- excellent supervision

Applications from women are particularly welcome. The same applies to people with disabilities. Questions regarding the project and position as well as applications should be addressed to Tanja Endrass ([tanja.endrass@tu-dresden.de](mailto:tanja.endrass@tu-dresden.de)).

Applications should include a meaningful, 1-page letter regarding motivation and interests, a CV, certificates, and contacts of two potential referees. Please send your application electronically as a single pdf-document to [tanja.endrass@tu-dresden](mailto:tanja.endrass@tu-dresden) via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> or by mail to: **TU Dresden, Fakultät Psychologie, Institut für Klinische Psychologie und Psychotherapie, Professur für Suchtforschung, Frau Prof. Dr. Tanja Endrass, Helmholtzstr. 10, 01069 Dresden.** The deadline for application is **29 March 2019** (stamped arrival date of the university central mail service applies). Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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**Reference to data protection:** Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>