

The independent Department of Psychological and Social Medicine and Developmental Neurosciences (PSM) is active in research, teaching and patient care. We ensure the training of students in medical psychology and medical sociology at the Faculty of Medicine and conduct research on topics related to the neuroscientific foundations of human experience and behavior in the context of illness and health. We have an open position:

## **PhD Student (f/m/x)**

### **Psychosocial Medicine and Developmental Neuroscience**

The position is to be filled starting from 1 July 2025, initially for a maximum of 36 months. Remuneration will be in accordance with the pay scale for public sector employees of the federal states (TV-L) and, depending on personal qualifications, may be assigned to pay grade E13 TV-L.

The position is based in the Translational Developmental Neuroscience Research Group (Head: Prof. Dr. med. Stefan Ehrlich, PhD). The group focuses mainly on eating disorders and affective disorders, in close collaboration with the partner clinics at the Center for Mental Health at the University Medicine Dresden. A broad, multi-methodological approach is pursued, which includes in particular imaging techniques (MRI, fMRI, MRS), experimental and cognitive psychology, psychophysiology (eye-tracking), immunology and endocrinology methods as well as digital phenotyping (including ecological momentary assessment). The main objective is translational research, which aims to transfer research results as quickly as possible to improve diagnostics and therapy. Further information can be found here [www.ukdd.de/psm](http://www.ukdd.de/psm) or <https://www.transdenlab.de>.

When accepting the position, you will be actively involved in the research projects “Neuroimaging Study of Anorexia Nervosa and Factors Affecting Clinical Outcomes” and “Advancing Personalized Medicine via Companion Biomarker-Targets” in an interdisciplinary team of young researchers and clinicians. Your tasks will include planning and conducting the studies, including recruitment and scanning of participants. You will be responsible for data management and data pre-processing and will be responsible for the statistical analysis of study data and related data. You will also be involved in setting up the necessary structures and contribute to the preparation of scientific publications and presentations. You will also make an important contribution to the preparation of applications for third-party funding.

In addition to the above-mentioned research tasks, you will be responsible for supervising interns, student assistants and supervising qualification theses. There is access to numerous learning and training opportunities through the International Research Training Group (IRTG) 2773 and the Collaborative Research Center (SFB) 393, in which the working group is involved. If desired, participation in events of structured graduate programs is also possible. In addition, the position offers the opportunity for further scientific training, a PhD and the acquisition of medical-psychological expertise, as well as the opportunity to participate in teaching in human medicine.

## **Your profile:**

- Very well completed Master's degree in psychology, neuroscience, psychiatry or comparable fields
- Previous scientific experience, e.g. in statistical methods; possibly first efforts at scientific publications as first or co-author
- Very good knowledge of English (at least B2)
- Very good knowledge of German (preferably C1)
- Very good knowledge of statistics or data analysis
- Basic knowledge of programming (e.g. Linux/Unix shell scripting, Python or MATLAB) and/or experience in analyzing imaging data (FSL, SPM, FreeSurfer or comparable)
- Very good knowledge of MS-Office

## **Our offer:**

- A varied and responsible job in the dynamic and future-oriented environment of cutting-edge medicine with every opportunity for development and advancement
- Attractive remuneration in accordance with the collective agreement with special payments
- Agreement on flexible working hours to make the combination of family and career a reality
- Use of company prevention and fitness offers in our Carus Vital health center, including participation in team events, lectures, courses and seminars
- Childcare for your children through partnerships with children's facilities near the clinic
- Provision for the time after active employment in the form of a company-supported pension scheme
- Use of bike leasing and the option of a job ticket
- Support services for all areas of life from our family office and employee advisory service
- Further advantages through our employee benefits
- Use of our Caruso staff restaurant
- Mobile working is possible in coordination with the team and operational requirements

Your contact person in the  
Human Resources Directorate for queries



Samantha Pasewaldt  
Phone: 0351-458 2803

Applicants with severe disabilities will be given special consideration.

We ask you to preferably apply online in order to make the personnel selection process faster and more effective. Of course, we will also process your written applications (with a stamped envelope) without any disadvantages for you.

In order to ensure the best possible health protection for our patients and employees, we require proof of your measles protection (medical certificate) in accordance with the Infection Protection Act. Further proof of your vaccination status must be submitted before you start work.