



**Stiftung Universität Hildesheim**

*Bildung – Kultur – Diversität – Digitalisierung*



The Experimental Psychology laboratory, in the Department of Psychology, at the Stiftung Universität Hildesheim, is offering a position (beginning on **April 1st, 2021 or later**) as a:

**Scientific researcher/PhD candidate (m/w/d)**  
**Bes.-Gr. TV-L E13, 50%**

The position is offered for three years.

**Tasks:**

- Development and implementation of analysis routines for research with Big Data, EEG, movement/motion tracking, large data sets, etc. as well as cognitive/statistical modeling in combination with the research activities of the laboratory and their research partners from areas such as Computer science, robotics, and sensor technology; supporting the further (technical) development and management of the laboratories; conceiving and implementing original research projects; presentation of research results at national and international conferences; writing scientific articles and other types of publications
- Planning and teaching of various classes (one seminar per semester); supervising exams
- Working on your own scientific career (generally working towards your PhD)

**Requirements:**

- Completed Master's degree (or equivalent) in Psychology, Mathematics, Statistics, Computer science, Cognitive (Neuro-) Science, or a related area
- Fluent skills with the typical PC-programs (MS Office, SPSS, Matlab and/or R)
- Programming experience and/or the willingness to learn how to use specific software programs relevant to data collection and analysis (e.g., E-Prime, PsychoPy, Open Sesame, Matlab, Presentation, etc.)
- Well organized, efficient, flexible, problem-oriented, reliable, structured methods of working
- Engagement, flexibility, and resilience
- Well developed skills for working alone and independently
- Good English language skills

**Desired:**

- Experience with paradigms used in experimental cognitive psychology
- Knowledge in the area of data collection and analysis for EEG, eye-tracking, and/or motion/movement tracking data

Further information can be supplied by Dr. Pamela Baess, E-Mail: [baess@uni-hildesheim.de](mailto:baess@uni-hildesheim.de).

The Experimental Psychology laboratory has excellent laboratory conditions (five reaction-time cabins, one group testing room, one individual testing room, an EEG, two olfactometers, a motion-tracking device, peripheral physiological measurement instruments, a gyroscope, further motion/movement equipment, etc.). The research foci of the laboratory include olfaction, attention, memory, action, spatial compatibility and movement/motion. The lab is composed of an international team and is a part of the "Joint International Laboratory on Cognition and Behavior", a joint laboratory project with colleagues from China, South Korea, and the USA. Furthermore, the lab maintains collaborations with other regional, national, and international research partners.

There are a number of opportunities for individual and professional growth at the Stiftung Universität Hildesheim. In particular opportunities exist through the Graduate center of the University, the Methods office, or in the framework of university didactics curriculum.

The Stiftung Universität Hildesheim has created a mission statement that attaches particular importance to gender and diversity competence.

The Stiftung Universität Hildesheim aims to achieve hiring parity between the sexes. Therefore, the university aims to increase the percentage of underrepresented sexes in the individual areas of the university.

Applications from applicants with severe disabilities will be given priority, all else being equal.

Personal data will necessarily be gathered and saved for the purposes of the application process.

Please send your application as a single PDF document (<5 MB) to Dr. Pamela Baess per E-Mail (baess@uni-hildesheim.de) with the header 2021/54 The application deadline is **March, 1st 2021**