



# Universität Potsdam

## Public Job Advertisement

Young, modern, and research oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg's largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 20,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of about 2,750 faculty and staff members and is located in one of Germany's most scenic areas.

**The University of Potsdam, Faculty of Human Sciences, Research Focus in Cognitive Sciences, Division of Training and Movement Sciences** is seeking to fill the following position by **December 1<sup>st</sup> 2018**:

## Academic Staff Member Requisition No.: 285/2018

The hours of work per week for the position amount to 20 hours. The position is limited to 36 months (three years). The salary scale is 13 TVL (area east). Contracts are time-limited according to § 2 Abs. 1 Academic Fixed-Term Contract Law (WissZeitVG).

The University of Potsdam is looking for a qualified, highly motivated and enthusiastic candidate who will pursue his/her research in Exercise and Movement Sciences on the topic entitled "Differential behavioral and neural effects of physical and mental fatigue on modality-specific task interference in cognitive-postural dual-task situations in young and old adults".

### Responsibilities:

The candidate is expected to contribute to a research program that was funded by the German Research Foundation (DFG). This research project is part of the DFG priority program SPP 1772 entitled "Human performance under multiple cognitive task requirements: From basic mechanisms to optimized task schedulings". The candidate's working tasks will include the set-up of dual-task experiments in our biomechanics laboratory, the performance of mental and physical fatigue protocols, data collection and processing as well as the presentation and publication of study findings. Data collection and analyses include the following testing methods: kinematics (e. g., opto-electric systems, motion analysis systems, kinetics (e.g., force plates), and electrophysiological testing devices (i.e., electroencephalography). Teaching is not required.

**Qualifications**

- master's degree or diploma in sports science or (cognitive) psychology with a reference to movement sciences
- independent, creative and structured / scientific way of working
- first knowledge of biomechanical (kinetics, kinematics) and electrophysiological research methods (EEG)
- excellent knowledge of common MS Office programs (Excel, Word etc.)
- good knowledge of basic statistical methods and application programs (e.g., SPSS, Matlab)
- very good knowledge in English writing
- good knowledge and interest in research methods related to movement sciences

It is possible to conduct a PhD and/or habilitation on this research project.

Please contact Ms. Michaela Rogovits (e-mail: [rogovits@uni-potsdam.de](mailto:rogovits@uni-potsdam.de)) for further information.

At least one third of the working time is available for the candidate's in-depth scientific work (PhD). The university strives for a balanced gender relation in all employment groups. With equal suitability, severely handicapped employees are preferred. Applications from people with a migrant background are welcome.

**Application should be sent (including the requisition number 285/2018) at the latest by September 15<sup>th</sup> 2018 to Prof. Urs Granacher, PhD, University of Potsdam, Faculty of Human Sciences, Research Focus in Cognition Sciences, Division of Training and Movement Sciences, Am Neuen Palais 10, Building 12, D-14469 Potsdam, Germany or per email to [rogovits@uni-potsdam.de](mailto:rogovits@uni-potsdam.de) .**

In order to return your application documents, we request that you include a self-addressed stamped envelope.

Potsdam, August 29<sup>th</sup>, 2018