



# Universität Potsdam

## Public Job Advertisement

Young, modern, research oriented... Founded in 1991, the University of Potsdam has firmly established itself within the scientific landscape. Nationally and internationally renowned scientists research and teach here at the largest university in Brandenburg. The University of Potsdam is successful in acquiring third-party funds, it demonstrates outstanding performance in technology and knowledge transfer, and it has a very service-oriented administration. Around 20,000 young people study at five faculties located within the university's three campuses (Am Neuen Palais, Griebnitzsee and Golm). The University of Potsdam has a total of about 2,650 faculty and staff members and is an academic institution set in one of the most scenic surroundings in Germany.

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:

### Academic Staff Member Requisition No.: 170/2015

If possible, employment in this position shall begin **by October 1<sup>st</sup> 2015**. 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).

#### Responsibilities:

The person appointed will be expected to contribute to a research program that was recently funded by the German Research Foundation (DFG) entitled "Effects of modality mappings within working memory on postural control, associated neural correlates, and training-induced modulation of dual-task performance in old age". This project is part of the DFG priority program SPP 1772 "Human performance under multiple cognitive task requirements: From basic mechanisms to optimized task schedulings". Research will include the set-up of dual-task experiments in our laboratory and dual-task training in our gym, 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., surface electromyography, electroencephalography). The successful applicant will be able to present information on research findings and outcomes including writing of scientific articles, and communicate complex infor-

mation. Teaching is not required. In general, the preparation of a habilitation/postdoctoral thesis is possible.

### **Qualifications**

Applicants will possess a relevant PhD degree and be able to demonstrate sufficient knowledge and publication skills within the discipline (i.e., Training and/or Movement Sciences, Neurosciences, Cognitive Sciences) and of research methods and techniques to work within the research program. More specifically, applicants will be able to contribute to collecting and analyzing kinematic, kinetic, electrophysiological data and conduct dual-task balance training. Proficient English language skills are required.

The University of Potsdam strives to increase the proportion of women in research and teaching and specifically encourages female applicants to apply for this position. Handicapped applicants will be given preference in case of equal suitability. People with an immigration background are specifically encouraged to apply.

**Application should be sent (including the requisition number 170/2015) at the latest by August 31<sup>st</sup> 2015 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.**

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

Potsdam, July 22<sup>nd</sup>, 2015