



BioTechMed-Graz is a cooperative initiative between the University of Graz, the Medical University of Graz and the Graz University of Technology at the interface of basic biomedical research, technological developments and medical applications with the goal of conducting joint health research.

Within the cooperative project BioTechMed-Graz, the three partner universities are pursuing the goal of joining the forces of their existing competences within the four major research areas of 'Molecular Biomedicine', 'Neurosciences', 'Pharmaceutical and Medical Technologies' and 'Quantitative Biomedicine and Modelling' through the establishment of a joint cooperative platform.

BioTechMed-Graz is – besides other projects – focusing on the Postdoc-Pool, which aims at promoting young scientists with international background and integrating them in the framework of BioTechMed-Graz in order to support innovative research in Graz.

For the project

“Facilitating Cognition: The brain enhancing potential of brain stimulation techniques”
the [Institute of Psychology](#) at the University of Graz is seeking to appoint a

Postdoc

(fixed-term employment for the period of 2 years; position to be filled as of January 1, 2015)

Contact person

Univ.-Prof. Dr. Anja Ischebeck, Institute of Psychology, University of Graz,
E-mail: anja.ischebeck@uni-graz.at, Phone: +43 (0)316 380-5118

Research partners

Univ.-Prof. DI. Dr. Eugen Gallasch, Medical University Graz
Dr. Monica Christova, FH Joanneum, Graz

Research topics

- investigation of the performance enhancing potential of noninvasive brain stimulation techniques (TMS, TDCS, TACS)
- development, modelling and testing of brain stimulation protocols
- investigation of the effects induced by brain stimulation with behavioral protocols, fMRI or EEG

Professional qualifications

- doctoral degree in psychology or a related field
- demonstrated experience with brain imaging research (experimental protocols, statistical analysis and interpretation)
- experience with brain stimulation techniques (TMS, TDCS, TACS) and/or fMRI or EEG is desired
- experience with modelling the effects of brain stimulation methods is desired
- expertise in designing and conducting experiments in the field of cognitive neuroscience
- interest in biopotentials and the effects of non-invasive stimulation on the brain
- demonstrated ability to publish in peer-reviewed journals
- experience in writing grant applications is desired
- excellent English writing skills

Personal profile

- willingness to work in a multidisciplinary team
- communicative competence
- high level of motivation and goal orientation

The minimum salary as stated in the collective agreement and according to the classification scheme (B1) is EUR 3,483.30 gross/month.

Application Deadline: **October 21, 2014**

Applicants should send a CV and publication list, copy of doctoral graduation record, names and contact details of two referees to: anja.ischebeck@uni-graz.at.

Karl-Franzens-Universität Graz
602 Institut für Psychologie
Universitätsplatz 2/DG (Institut für Psychologie)
8010 Graz

If you have any questions, please contact Univ.-Prof. Dr. Anja Ischebeck, Institute of Psychology, University of Graz, E-mail: anja.ischebeck@uni-graz.at, Phone: +43 (0)316 380-5118.

Further information can be found at www.biotechmedgraz.at