



Verwaltung

Stellenausschreibung 22/2016

15.07.2016/hs/I-E

The MINERVA research group headed by Dr. Myriam Sander at the Max Planck Institute for Human Development, Center for Lifespan Psychology (Director: Prof. Dr. Ulman Lindenberger), is seeking applications for a

Postdoctoral Research Position (m/f)

Funding for the postdoctoral position is currently available for 12 months, but an extension may be possible, pending further funding. The position is available from September 1, 2016 or later.

Job Description

The postdoctoral researcher (m/f) will conduct an age-comparative study on learning and memory reactivation (part of a collaboration with Prof. Nikolai Axmacher, Ruhr-Universität Bochum). He / she will be responsible to finalize and pilot the design, conduct the study, analyze the behavioral and EEG data, and prepare scientific manuscripts for publication. The postdoc (m/f) will supervise students that assist during data collection and preprocessing. There are no formal teaching requirements.

Requirements

We are searching a postdoc (m/f) with a strong interest in memory. A successful applicant needs to hold (or expect by autumn 2016) a doctoral degree in psychology, cognitive neuroscience, or related fields. Applicants (m/f) should have experience with conducting experimental research, knowledge in neuroimaging methods (EEG and/or MRI), and a solid background in at least one programming language (preferably Matlab or R). In addition, the ability to work independently as well as a high proficiency of the English language is required. Experience with age-comparative studies is an advantage as well as experience with machine-learning techniques.

Our group

Research of the MINERVA group uses mainly electroencephalography (EEG) with a focus on oscillatory measures to uncover lifespan differences in mechanisms underlying memory performance (see e.g. Sander, et al., *Neurosci. Biobehav. Rev.*, 2012). We also have access to a 3T scanner, TMS and eye tracker. Our research group is located at the Max Planck Institute for Human Development (MPIB) in Berlin with an international working atmosphere. No German language is required for working at the MPIB. In addition, a large community of Berlin neuroscientists provides great opportunities for scientific exchange.



Verwaltung

Stellenausschreibung Nr. xx/xxxx

For informal inquiries and further information, please contact: Dr. Myriam Sander (sander@mpib-berlin.mpg.de)

The Max Planck Society is committed to employing more people with disabilities and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages woman to apply.

To apply, please send (as **ONE FILE** and via email only) a statement of research interests, a CV, a copy of relevant certificates, (p)reprints of two publications, and a list of two references to Dr. Myriam Sander, MPI for Human Development, Lentzeallee 94, 14195 Berlin (sander@mpib-berlin.mpg.de) preferably by September 30, 2016. Later applications will be considered until the position is filled.

Signed Dr. Brigitte Merz