



Verwaltung

Stellenausschreibung XX/2014

20.01.2014

The project „Cognitive and Neural Dynamics of Memory Across the Lifespan (CONMEM)" at the Max Planck Institute for Human Development, Center for Lifespan Psychology (Director: Prof. Dr. Ulman Lindenberger), is seeking applications for a

Predoctoral Research Fellow

The doctoral fellowship will last for 2 (+1) years. The position is available from May 1, 2014 or earlier.

Job Description

The CONMEM project (PIs: Dr. Yee Lee Shing & Dr. Markus Werkle-Bergner) investigates lifespan changes in the interplay between associative and strategic components of memory functioning on neural and cognitive levels, with a focus on working and episodic memory (see Sander, et al., *Neurosci. Biobehav. Rev.*, 2012; Shing, et al., *Neurosci. Biobehav. Rev.*, 2010). Future research will advance a multi-modal imaging approach (EEG source imaging in combination with structural and functional MRI) to uncover lifespan differences in rhythmic neural activity related to perception, attention, and memory (e.g., Werkle-Bergner et al., *Neurosci. Biobehav. Rev.*, 2006). The successful predoctoral fellow will plan and conduct empirical studies in this domain, analyze the behavioral, EEG, and MRI data, and prepare scientific manuscripts for publication.

For further information, please contact:

Dr. Markus Werkle-Bergner (werkle@mpib-berlin.mpg.de)

Requirements

A successful applicant needs to hold a diploma/master degree in psychology, cognitive neuroscience, computer science, or related fields. Applicants should have experience with conducting experimental research, knowledge in neuroimaging methods (preferably EEG), 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.

The Max Planck Society is interested in increasing the number of women on its scientific staff. We strongly encourage applications from women and members of minority groups. In addition, the Max Planck Society is committed to employing more handicapped individuals and encourages them to apply.

To apply, please send (**via email only**) a statement of research interests, a CV, a copy of relevant certificates, (p)reprints of publications, and a list of two references to Dr. Markus Werkle-Bergner, MPI for Human Development, Lentzeallee 94, 14195 Berlin (werkle@mpib-berlin.mpg.de) by March 31th, 2014.