

The Otto-von-Guericke-Universität Magdeburg seeks to fill the following vacancy:

**Scholarship for PhD student in reinforcement learning and decision making (Reference ABINEP/Module 4/PI Ullsperger/Jocham)**

Faculty of Natural Sciences, Institute of Psychology, Dept. of Neuropsychology, and Center for Behavioral Brain Sciences, Cognitive Neuroscience Lab

<b>Scholarship:</b> 1,900 €/month	<b>Date commencing:</b> June 1 <sup>st</sup> , 2017	<b>Fixed term</b> up to 4.5 years	<b>Contract status:</b> 100%
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We seek to fill a position for one doctoral student, who will be jointly supervised by Prof. Dr. Markus Ullsperger, Department of Neuropsychology, and PD. Dr. Gerhard Jocham, Cognitive Neuroscience Laboratory.

The position is part of the International Graduate School on *Analysis, Brain Imaging, and Modeling of Neuronal and Inflammatory Processes* (ABINEP), Module 4 “Human Brain Imaging for diagnosing neurocognitive disorders”. It is focused on neural and computational mechanisms of reinforcement learning and decision making and their pathological changes in neurological and mental disorders. This position offers an excellent opportunity to work in one of Germany's leading imaging facilities. With a multitude of research-dedicated MRI-scanners (several 3T and one 7T), MEG, EEG and psychophysiology laboratories, a high-performance computing cluster and a large community of researchers, the Otto von Guericke University offers an outstanding and stimulating environment for cognitive neuroscience.

Requirements for the position:

- A strong interest in decision making and learning
- University master's degree, diploma or equivalent in psychology, neuroscience, medicine or a related field.
- Experience with cognitive neurosciences and methods (e.g., neuroimaging, EEG, MEG) as well as experimental programming and statistical data analysis is advantageous.

Applications from disabled persons will be given priority in the case of equal suitability, ability and professional expertise. The Otto von Guericke University aims to increase the proportion of women researchers within the university and specifically encourages women to apply.

For further information about the position, please contact Prof. Dr. Markus Ullsperger ([markus.ullsperger@ovgu.de](mailto:markus.ullsperger@ovgu.de)) or PD. Dr. Gerhard Jocham ([jocham@ovgu.de](mailto:jocham@ovgu.de)).

Please submit your application as a **single pdf** to [abinep@ovgu.de](mailto:abinep@ovgu.de), cc'ed to [markus.ullsperger@ovgu.de](mailto:markus.ullsperger@ovgu.de) and [jocham@ovgu.de](mailto:jocham@ovgu.de). The materials should contain a CV, transcripts and certificates, a letter of motivation, and the names of two references. Please mention in the header and body of your email that you apply for Module 4 (Human Brain Imaging) and wish to be supervised by the PIs Ullsperger and Jocham. The position is open until May 20<sup>th</sup>, 2017, or until filled.