

The DZNE in **Bonn** is looking for a

PhD student (f/m) in Cognitive Neuroscience – Code 1386/2016/6

The German Center for Neurodegenerative Diseases (DZNE) is a center of excellence within the Helmholtz Association that performs translational research on Neurodegenerative Diseases. The center includes nine high-performing sites in Berlin, Bonn, Dresden, Göttingen, Magdeburg, Munich, Rostock/Greifswald, Tübingen and Witten. The DZNE cooperates closely with universities, their clinics and other research facilities.

The position is placed in the Department for Clinical Research within the DZNE. The Department for Clinical research focusses on patient studies with the aim to translate basic scientific findings into clinical practice. We have an ongoing research project which addresses the role of the brain's noradrenergic system in neurodegenerative diseases (such as Alzheimer's and Parkinson's disease). We try to identify functional markers for the integrity or non-integrity (in case of neurodegeneration) of this system, which can later on be used as surrogate markers in clinical trials. Techniques used include MRI (structural and functional), EEG, pupillometry and neuropsychological tests. The project (and the PhD position) will be supported by a DFG-Grant.

Your tasks/Our requirements:

The successful applicant will take part in this project by acquiring and analyzing data of a subproject. All methods are fully developed so that data acquisition and the analysis of already existing data can start immediately.

The position offers the opportunity to work in the intersection between basic sciences and clinical practice. With its multimodal approach the successful applicant will be enabled to familiarize her/himself with a variety of techniques used in cognitive neurosciences.

We are looking for a master in psychology, neuroscience or in a related field. Basic experience in imaging data analysis e.g. acquired during a master thesis would be highly appreciated. Good methodological knowledge is indispensable.

We offer:

- An interesting and challenging task in a research center that works on the future topics of health research
- An international environment characterized by a strong focus on science and research
- A high potential for the individual development of our employees
- Targeted personnel development
- The project is limited to 2 years with the possibility of an extension
- Employment, payment and social benefits are consistent with those at other research institutes

You will obtain special skills and knowledge for your scientific qualification within the context of your activities at DZNE.

The DZNE is an equal opportunity employer. The DZNE is committed to employing disabled individuals and especially encourages them to apply.

Interested candidates should send their full application documents **IN A SINGLE FILE** to:
application@dzne.de.

For further information on the position, please contact Dr. Klaus Fließbach (klaus.fliessbach@dzne.de)
– Tel. +49-228-28715717)

Deadline for application: 30.07.2016