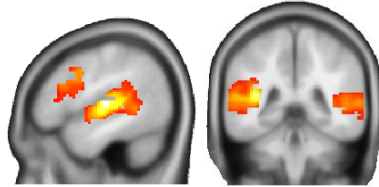


Medical doctoral thesis (Dr. med.) project – Auditory processing in dyslexia

We offer a project suitable for a Medical doctorate (Dr. med.) student for their thesis. In the project, we use functional Magnetic Resonance Imaging (fMRI) to test hypotheses on the mechanisms of auditory processing in individuals with developmental dyslexia and typically reading participants (for more information, see <https://tu-dresden.de/mn/psychologie/ifap/kknw/forschung/LRS>).

You will have the opportunity to both collect and work with fMRI data involving a clinical population. Data acquisition will be conducted onsite at the 3 Tesla Siemens MRI system (<https://tu-dresden.de/bereichsuebergreifendes/nic>) both with technician support and independently. Full training and assessment on how to use the MRI system is provided. Training in functional MRI data processing and analysis is also offered. Students with a strong interest in empirical research in the field of human neuroscience and neurodevelopmental disorders are encouraged to apply. The applicant is expected to have a minimum of six months full-time availability to carry out the project and an additional six-month part time availability.

Requirements:

- Ability to conduct independent, committed and responsible work
- Ability to work in an international team
- Availability to work on Saturdays occasionally (not weekly, adjustable to your schedule)
- Favorable:
 - Experience in conducting psychological experiments and data analysis
 - Long-term involvement

The doctorate is partly remunerated with a student assistant (SHK) contract (contract of employment is based on the WissZeitVG) for the full 12-month duration, with the option of extension. It will be supervised by Prof. Dr. med. Katharina v. Kriegstein.

Contact:

Please send your application (in English - a short letter of motivation, curriculum vitae; in English or German - Abitur certificate, academic transcripts, and references if available) as a single PDF document to Heidi Järvikylä (heidi.jaervikylae@tu-dresden.de). For further questions about the study, please contact katharina.von_kriegstein@tu-dresden.de or heidi.jaervikylae@tu-dresden.de.

Incoming applications will be considered on an ongoing basis until the position is filled.

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