

Carl von Ossietzky Universität Oldenburg, Germany  
Department of Neuroscience, is offering

## a PhD student position in Auditory Neuroscience

Salary will be according to TV level E 13 (65%).

The position is available from January 2020 and will run for 3 years.

### Our environment

We are part of a vibrant community of auditory and sensory neuroscience groups in Oldenburg, joined in the Cluster of Excellence “Hearing4All” (<http://hearing4all.eu/EN/>) and Research Centre Neurosensory Science. Our PhD students participate in the structured graduate programs of the associated Graduate School (<http://www.uni-oldenburg.de/en/phd-neurosensory-science/>).

### The project

We are looking for a PhD candidate to work in a project funded by the DFG Cluster of Excellence “Hearing4All” in the research thread focusing on auditory processing deficits throughout the lifespan.

The candidate will study the effects of age-related hearing loss on processing in the gerbil auditory pathway. A focus of the research is on auditory perception of temporal fine structure and binaural processing. The project aims at understanding perceptual deficits in acoustic environments with many sound sources often found in the elderly. The study involves behavioral testing and electrophysiological recordings (single- and multi-unit responses) in rodents. The thesis project will be supervised by Prof. Georg Klump (<http://www.uni-oldenburg.de/en/animalphysiology/>).

### Your profile

Applicants must hold an academic university degree (M.Sc.) or equivalent in a relevant discipline (e.g., Biology, Neuroscience, Biomedical Engineering, Physics). They should have basic knowledge in statistics and should have used Matlab before. Previous experience with animal experiments is advantageous. You are enthusiastic about doing a PhD.

### How to apply

Please send your application to Mrs. Dwehus (email: [ilona.dwehus@uol.de](mailto:ilona.dwehus@uol.de), mail: Department of Neuroscience, Carl von Ossietzky University, Carl von Ossietzky Strasse 9-11, D-26129 Oldenburg).

The application must include a letter of motivation, a CV, names of potential referees, transcript of records of the M.Sc. degree, copy of the degree certificate, and a copy of the undergraduate thesis. Please apply by 12 October 2019 to ensure consideration.

The University of Oldenburg strives to increase the proportion of women in science. Equally qualified female candidates will be given preference (in accordance with § 21 Abs. 3 NHG). Applicants with disabilities will be preferentially considered if equally qualified.