

The German Research Foundation (DFG)-funded Research Training Group 1885 *Molecular Basis of Sensory Biology* welcomes applications for

13 Ph.D. positions

Start: 01.10.2019; 65% E13 (TVL), (duration 3 years)

Excellent qualification in the framework of research topics in molecular biosensing

The Carl von Ossietzky University is a dynamic, continuously growing university with various research projects of international impact and thus provides a large range of opportunities for curiosity and creativity.

The **Research Training Group *Molecular Basis of Sensory Biology*** is aiming to investigate the biology of sensory cells at the molecular level. The research projects will have a strong interdisciplinary character involving both project leaders and students from biology, chemistry and physics. Projects will target fundamental problems in research fields dealing with vision, hearing, magnetoreception, olfaction and bacterial chemoreception. The central topics of all projects will be directed towards unravelling the operational principles of sensory systems and towards understanding the common molecular and physical principles realized in sensory systems.

The program is looking for highly motivated and talented candidates, having an academic university degree (Master- or equivalent) in Biology, Chemistry, Physics or related subjects with excellent study achievements. The willingness to work on an interdisciplinary Ph.D. project and good English language skills are expected. Topics and details of the single projects can be viewed on the website of the RTG (<https://uol.de/en/sensorybio/>).

You will become part of a large diverse team, get the opportunity to make major new discoveries (see our publication record; <https://uol.de/en/sensorybio/publications/>) and you will have access to a very wide range of superb modern equipment, techniques and expertise. In addition, you will join our graduate school offering soft skill and scientific skill courses and lectures as well a mentoring programme and support with career development. We actively support parents who pursue a scientific/academic career.

The RTG Molecular basis of Sensory Biology and the University of Oldenburg are aware of the power of diversity. In order to increase the percentage of female faculty and staff members, female candidates with equal qualification will be given preference. Applicants with disabilities will be preferentially considered in case of equal qualification.

Your application should include a letter of motivation, a detailed CV, a publication list, at least two personal references (incl. phone numbers), university and high school certificates, and it must include a prioritized list of three projects you are interested in. Please send your application as a **single** pdf-file to Dr. Kristin Tietje (sensorybio@uol.de). All applications received before the **15th of April 2019** will be considered. We will start looking at the applications after the deadline and will consider further applications until the positions are filled.