

The Institute of Biology and Environmental Sciences (IBU) at the School of Mathematics and Science seeks applications for a

Professorship in Entomology
salary scale W2 (m/f/x)

as soon as possible

The professor must be engaged in internationally recognized, outstanding research directly related to orientation/navigation in insects. For example, research should focus on the sensory, neurobiological, molecular, biochemical, behavioural, and/or ecological mechanisms that enable insects to migrate and orient/navigate. A close collaboration with the interdisciplinary SFB 1372 "Magnetic Reception" and a central contribution to future planned initiatives which will expand our research focus to include invertebrates and the consequences of what we learned about animal navigation on the environment, technology and humanity is required.

The required selection criteria will be: a high quality publication and third-party funding record under consideration of the applicant's career stage, a clearly innovative and collaborative research approach, previous and planned scientific interdisciplinary collaborations, the quality, realizability, and fit of the applicant's concrete research concepts for contributing to the interdisciplinary SFB 1372 "Magnetic Reception and Navigation in Vertebrates" and future planned initiatives which will expand our focus to include invertebrates and the consequences of what we learned about animal navigation on the environment, technology and humanity, as well as a high quality teaching concept. A clear scientific relevance to the multidisciplinary research networks pursued in SFB 1372 and future initiatives is required to be proven by corresponding high quality publications in at least one research area strongly related to SFB 1372 and future initiatives.

The IBU pursues a broad research approach "from genes and senses to ecosystems". Research areas that fit into the future concept of the IBU are for instance:

- Neuronal basis of orientation/navigation in insects.
- Sensory biology and/or ecology related to migration behaviour and navigation of insects.
- Understanding insect migration behaviour in the context "from genes and senses to ecosystems".
- Other cutting-edge experimental approaches to studying migration and navigation in insects.

A successful applicant is also required to contribute to at least one of the other research focus areas of the IBU beyond navigation/orientation. Contributions to other collaborative research initiatives (e.g., DynaCom, DynaDeep) are desired.

It is required that the professorship covers the field of entomology in undergraduate and graduate teaching in the Bachelor's programs "Environmental Sciences" and "Biology" as well as in the Master's programs "Biology" and "Landscape Ecology". Participation of the professorship in the graduate program "Neurosensory Science and Systems" is desired.

Junior research group leaders (Emmy Noether program, ERC etc.) are strongly encouraged to apply. Prerequisites for employment are specified in section 25 of the Lower Saxony Higher Education Act (NHG).

The University aims to increase the proportion of female professors and strongly encourages female academics to apply. Equally qualified female candidates will be considered preferentially. In case of equal aptitude, applicants with disabilities will be given priority in hiring decisions. The university actively promotes the compatibility of family, work and private life. The faculty provides support with coaching sessions for newly appointed professors. The position is suitable for part-time employment.

Applications (preferably in the English language) including a full curriculum vitae, certificates, a list of publications, an account of present and previous third-party funded research activities focussing on the last 5 years, a teaching concept as well as a list of courses taught and formal presentations given, and a research concept which should include planned contributions to SFB 1372 and described future initiatives and to the IBU research priorities are to be submitted, preferably as a consolidated PDF file, by **20.10.2023** to Carl von Ossietzky Universität Oldenburg, School of Biology and Environmental Sciences (IBU), attn Prof. Dr. Gabriele Gerlach, 26111 Oldenburg, Germany or **berufungen.ibu@uol.de**