





At the Faculty of Mathematics and Natural Sciences, Institute of Biology, Chair of Population Genetics, subject to budgetary provisions, we are filling the following position as of 01.01.2025 on a temporary basis for a period of three years ending on 31.12.2027 with the option of prolongation:

Research Assistant (m/f/d)

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|-----------------------------------------------------------------------------------|-------------------------------------------------|
|  | Start date 01.01.2025 |
|  | Working hours full-time with 40 hours |
|  | Remuneration pay group 13 TV-L |
|  | Location Rostock |
| | Tender number W 144/2024 |
| | Limitation limited until 31.12.2027 |
| | Application time 2024-11-24 |

About the lab

The Population Genetics group at the University of Rostock is a newly established chair led by Prof. Dr. Mathilde Cordellier, with a focus on evolutionary research, mainly with invertebrate species. Our work is at the interface of evolution and ecology. Our goal is to understand rapid adaptation through hybridization processes by studying the genomes of invertebrate species such as *Daphnia*. Working on these species offer the unique opportunity to look back in time by using resting stages, and planned projects include the genomic analysis of sediment cores. Further, the group is working on genome and sex chromosome evolution in spiders. We make use of a broad range of techniques: life history experiments, transcriptomics, genome sequencing, bioinformatics are all contributing to our understanding of species' evolution.

<https://www.populationsgenetik.uni-rostock.de/en/>

Your tasks

The successful candidate will have a Ph.D. in evolutionary biology or similar field. They would bring experience in evolutionary genomics, as evidenced by at least one publication in this broad area. We are looking for an enthusiastic researcher who is keen to contribute to the research topics in the group, such as (1) Recombination and Hybridization in a *Daphnia* species complex (2) Population genomics through time with resting egg banks (3) Interspecific variation in gene expression in hybridizing *Daphnia* species (4) Genome and sex chromosome evolution in spiders. The candidate will also be expected to further develop their own research profile with the aim of scientific qualification (habilitation). Finally, the tasks include teaching in Genetics, Bioinformatics and Molecular Ecology for 4 semester periods per week (4SWS) in the form of lectures and practical courses in the Bachelor, Master and teacher programs.

This makes you a good fit

- completed university degree (state exam, diploma, master's degree or comparable degree) in Biology, Bioinformatics or comparable discipline
- completed PhD degree in Biology, Bioinformatics or comparable discipline at the time the contract starts
- desirable are 1 - 2 years of relevant professional experience as postdoc

- experience working with high-throughput sequencing data for genomic and/or transcriptomic studies, for example for genome assembly, variant analysis, and gene expression profiling
- successful publication of research results in peer reviewed journals is required
- experience working with non-model species is advantageous
- experience in applying for third-party funding for research projects is a plus
- confident knowledge of English language, both written and spoken and basic knowledge of German language or willingness to adopt these
- very good ability to work on schedule, communication skills for presenting research results and ability to work in a team and with international partners

How to apply?

Please send your application via the [university application portal](#)

Application should comprise a cover letter, resume with a publication list and contact information for at least two references, diploma with indication of final grade, summary of previous research experience and exciting projects you want to conduct (max 2 pages) all in one single file combined.

Application deadline is Nov 24th, 2024.

Further information about the position can be obtained from mathilde.cordellier@uni-rostock.de