

The **University of Potsdam, Faculty of Mathematics and Natural Sciences, Institute of Biochemistry and Biology, Department of Animal Ecology**, seeks to fill the position of a **research assistant starting from the 20.09.2020 as maternity + parental leave replacement** for about 1 year (presumably until 30.09.2020). It will be fulltime (100% with 40h/week), based on the federal wage agreement (*Tarifvertrag der Länder*) TV-L E13 and for the following project:

***"Managing biodiversity in forests and urban green spaces - dilution and amplification effects of rodent microbiome and rodent-borne diseases"***

*The project investigates possible interrelations between biodiversity and rodent-borne diseases in European temperate forests and urban green spaces taking into account potential interactions between multiple pathogens, also within its biotic environment (the rodent microbiome) as well as temporal dynamics, including climate change scenarios. Further, resulting data will be discussed with stakeholders to improve disease prevention policies.*

**Tasks:**

- independent responsibility for an internationally cooperating research project on biodiversity and rodent-borne pathogens
- regular written and oral exchange with the European project partners
- planning, organization and implementation of field experiments with rodents
- data collection, processing and exchange with the international project partners
- research on GIS-based landscape parameters as well as gathering and processing of corresponding data from the respective participating countries
- occasional participation in scientific meetings with project partners as well as scientific meetings / conferences

**Requirements:**

- completed university degree (master, diploma or a comparable university degree) in biology, ecology or a comparable subject
- teamwork, flexibility and good communication skills, also with international partners
- experience in planning, conducting, analysing of scientific experiments
- experience in carrying out ecological studies, especially on rodents
- qualification for carrying out animal experiments (at least "FELASA B"/EU function A/D)
- Willingness and physical suitability for outdoor work in all weather conditions and at flexible working hours
- experience in guiding students
- experience with data processing, multivariate statistical evaluations and the presentation of scientific results
- knowledge of common IT standard software, especially Microsoft Office
- experience with geographic information systems (ArcGIS, QGIS)
- very good spoken and written knowledge of the English language
- willingness to occasional business trips (also to other European countries)
- driving license and driving experience

**Also advantageous:**

- experience in trapping and handling of small rodents and experience with the dissection of small rodents

**Applications** should be sent **by email to Dr. Reil** ([daniela.reil@uni-potsdam.de](mailto:daniela.reil@uni-potsdam.de)).

For more information on this job posting, please also contact Dr. Reil (0331-977-4813, [daniela.reil@uni-potsdam.de](mailto:daniela.reil@uni-potsdam.de)).

Potsdam, August 13th, 2020