



Zentrale Universitätsverwaltung Abteilung 3 - Personal



199/2018

Halle (Saale), 09.02.2018

External job announcement Reg.-Nr. 5-1460/18-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences I, Institute of Biology offers the following position with Leipzig as job location and a **starting date of 1 May 2018** and is limited to 31.01.2021

Research Officer - "Plant demography and climate change"

Part-time: 100%

The salary will be determined up to pay grade 13 TV-L depending on the assigned tasks and personal qualifications.

The position is affiliated to the Spatial Interaction Ecology research group of Prof. Tiffany Knight, and the position will be located at iDiv in Leipzig, Germany. This research officer will also have the opportunity to collaborate with several other colleagues involved in this research, including Drs. Harald Auge, Stan Harpole and Jonathan Chase.

Requirements / expected profile:

- A PhD degree related to plant population and/or community ecology
- Specialized in understanding the effects of biotic interactions (plant-plant and plant-herbivore) on plant fitness
- Strong quantitative skills (knowledge of constructing and parameterizing plant population models using R is an asset)
- Experience in designing complex field experiments and undertaking field research (field research in climate change experiments is an asset)
- Experience analyzing community composition data using R
- Strong publication record (or evidence that this will be forthcoming)
- Fluent in English (spoken and written) with excellent communication skills, basic knowledge of German is an asset but not required
- Experience in teaching plant demography is an asset
- Experience working in international teams is an advantage

Tasks / job description:

- Planning, organizing and implementing of a research project of demography of 10-15 selected plant species within the GCEF experiment
- Develop and implement research questions on climate change and plant population and community dynamics at the interface of research in the Spatial Interaction Ecology (SIE) and other related research groups at MLU, iDiv and affiliated institutions
- Construct and parameterize matrix population and integral projection models
- Data analysis and statistical evaluation of plant demographic responses to climate manipulation
- Publish scientific papers in internationally peer-reviewed journals
- Participation in teaching and mentoring of PhD and Masters students in the SIE research group at MLU, iDiv and affiliated institutions
- Be an active and engaged member of the scientific community at MLU, iDiv and affiliated institutions (e.g., attend seminars, discussions, events)

Priority will be given to applicants with severe disability and with equal qualifications. Women are strongly encouraged to submit their applications.

For any queries please contact Nina Becker, E- mail: Nina.Becker@idiv.de.

Applications should consist of a single .pdf file including (i) a letter of interest, (ii) a brief overview of the skills and experiences that the candidate has that could be applied to this topic (1 page), (iii) curriculum vitae, and (iv) the names and email addresses of three individuals who could provide an evaluation of the candidate upon request.

Please submit your full application dossier only in English and in electronic form with **Reg.-Nr. 5-1460/18-D** in the subject line until **23. February 2018** to the above mentioned E-mail address. The interviews are likely to be held at the beginning of March.

The announcement takes place pending any possible budget restrictions. Application expenses cannot be reimbursed by the Martin Luther University.