



Zentrale Universitätsverwaltung Abteilung 3 - Personal

**1264/2016**

Halle (Saale), 19.10.2016

External Open Position Announcement Registration number: 5-10233/16-D

The Martin Luther University Halle-Wittenberg offers the following position in the field of Population Ecology with duty station in Leipzig, Germany and **a preferred starting date of 1 March 2017**:

Research Officer (f/m)

Full-time: 100%

The position is initially limited to two years and will be located at the German Center for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig in Leipzig, Germany. 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 (SIE) research group of Prof. Tiffany Knight and forms part of the groups' research area on forest community dynamics. The SIE group strives to understand how human mediated environmental changes are influencing plant population dynamics, plant-animal interactions and community patterns at multiple spatial scales. The candidate will also have the opportunity to work closely with Dr. Roberto Salguero-Gómez, a Population Ecologist at the University of Sheffield with expertise in comparative analyses with matrix projection models and integral projection models, and to work with the international working group of sDiv on Analysis of PROjections of POulationS (sAPPROPOS).

Requirements/ expected profile:

- University degree in biology, ecology or related field (Bachelor, Master or Diploma)
- A PhD degree in a topic related to Population and Community Ecology
- Strong quantitative skills and advanced knowledge of applying computational approaches, which could include experience with Bayesian modelling, stochastic matrix models, integral projection models, climate change modelling, spatial analyses and GIS, and multivariate statistics using R
- Experience with analyzing data in a phylogenetic context
- Experience creating and analyzing spatio-temporal data sets
- Experience working in a large international collaborative working group
- Strong publication record (or evidence that this will be forthcoming)
- Fluent in English with excellent communication skills
- Experience in supporting the development of web interfaces and applications for disseminating research results is an asset
- Experience in teaching including subject coordination is an asset

Tasks/ job description:

- Quantify the viability of plant and animal species under climate change and evaluate the taxonomic groups and regions that are more prone to extinctions in collaboration with the international working group sApropos
- Develop and implement research questions in the field of forest community dynamics at the interface with other ongoing projects in the Spatial Interaction Ecology research group areas
- Publish scientific papers in internationally peer-reviewed journals
- Support the development of a web interface (e.g. freeware applications), where appropriate, for the purposes of general dissemination of research results on population dynamics under climate change
- Participate in teaching and mentoring of PhD and masters students in the Spatial Interaction Ecology research group at MLU, iDiv and affiliated institutions, and assist with international training workshops
- Be an active and engaged member of the scientific community at MLU, iDiv and affiliated institutions (e.g., attend seminars, discussions, events)

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 position (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 **registration number 5-10233/16-D** in the subject line **until 13 November 2016** to nina.becker@idiv.de

The interviews are likely to be held at the end of November 2016. 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

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