iDiv German Centre for Integrative Biodiversity Research

UNIVERSITÄT LEIPZIG

Job Market
202/2012

Leipzig, December 12, 2012

The **German Centre for Integrative Biodiversity Research (iDiv)** is one of the seven National Research Centres funded by the German Research Foundation (DFG). It is located in the city of Leipzig and jointly hosted by the Martin Luther University Halle-Wittenberg (MLU), the Friedrich Schiller University Jena (FSU), the University of Leipzig (UL), and the Helmholtz Centre for Environmental Research (UFZ). It is supported by the Max Planck Society, the Leibniz Association, the Klaus Tschira Foundation and the Free State of Saxony. Its central mission is to promote theory-driven synthesis and data-driven theory in this emerging field. The concept of iDiv encompasses the detection of biodiversity, understanding its emergence, exploring its consequences for ecosystem functions and services, and developing strategies to safeguard biodiversity under global change.

The University of Leipzig offers as from March 1, 2013 the following position:

Doctoral fellowship

(initially limited to 3 years, 65 percent of a full-time employment)
Salary: Entgeltgruppe 13 TV-L
on mapping genetic and species diversity of pollinators to the ecosystem service of pollination across changing landscapes

Embedded in the active research environment of iDiv, the **Young BioDiversity Research Training Group (yDiv)** will be established. Its goal is to educate a new generation of scientists in transdisciplinary biodiversity research, who will have gained expertise both in experimental as well as theoretical fields of research. Fellows will attend lectures and seminars on a broad range of topics in the field of biodiversity science and conduct their research in a modern, international and integrative working environment.

Topic/job description:

- field experiments on flowers and their insect visitors to define functional pollinators
- genetic and RAD-based genomic analyses of pollinator populations
- integration of population genomic data with landscape features to explore the relationships between genetic diversity, species diversity and ecosystem function

Requirements / expected profile:

- an excellent master's degree in a relevant field of research
- experience of working with insects (bees) in the laboratory or field
- a background in population genetic theory
- laboratory experience with molecular genetic techniques
- good knowledge of design and analysis of field-based ecological experiments
- good use of spoken and written English and ambition to publish in international journals
- creativity, enthusiasm and endurance
- proficiency in advanced statistical methods is a plus

We offer you a PhD position in the first cohort of yDiv PhD students. All doctoral fellows will study together at iDiv and will be affiliated with one of the three universities. This position will be affiliated with the University of Leipzig and will supervised by Prof. Robert Paxton, Institute for Biology, Martin Luther University Halle-Wittenberg (http://www.zoologie.uni-halle.de).

Applications are accepted until **January 18, 2013**. All applications should make reference to the file number 202/2012, include a cover letter describing research interests and relevant experience, curriculum vitae, one letter of recommendation and MA/BA/Diploma certificates.
Applications should be directed to **both**:

University of Leipzig
Faculty for Biosciences, Pharmacy, and Psychology
The Dean Professor Dr. Andrea Robitzki
Brüderstraße 32, 04103 Leipzig, Germany

and in electronic form to the yDiv coordinator Dr. Jula Zimmermann (jula.zimmermann@idiv-biodiversity.de) in a single PDF file with reference file number in the subject line.
For **queries** on the application process please contact jula.zimmermann@idiv-biodiversity.de.
Applying via email is questionable under data protection law. The sender assumes full responsibility.