

Three year Postdoctoral Position in Evolutionary Bioinformatics on

Species delimitations in East African Cichlid Fish adaptive radiations

A three year postdoctoral position working with Axel Meyer in the Evolutionary Biology Group at the University of Konstanz in Germany is available immediately. Funding will be provided through a grant of the German Science Foundation (Deutsche Forschungsgemeinschaft, DFG) within the framework of the Priority Program SPP 1991 Taxon-OMICS.

The project focuses on empirical and conceptual issues regarding species delimitation and hybridization in East African Rift Lake cichlid fishes. The research will center around the use of whole genome level data to resolve species boundaries in rapidly diversifying cichlid lineages in Lakes Victoria, Malawi, and Tanganyika. The work will make use of previously sequenced high-quality genomes as well as de novo sequencing of cichlid genomes to generate marker sets and guidelines within modern analytical frameworks for genomically diagnosing species. The funding period would be for three years and salary will be determined based on the German salary scheme TV-L E13 (annual before-tax salary is about 68,000 Euros).

The Evolutionary Biology group in Konstanz is composed of ~25 postdoc and graduate students. The collaborative research environment in the lab is highly integrative, very international, and operates in English. Therefore, the ability to speak German would be a plus, but is not essential. Further information on researchers and research in evolutionary biology in the Meyer lab can be obtained here: <http://www.evolutionsbiologie-uni-konstanz.com/>

Konstanz is a very beautiful and pleasant place to live as it borders the third largest lake in Central Europe and lies at the foothills of the Alps. The University of Konstanz is an equal opportunity employer and is rated as one of the best universities in Germany.

Requirements: PhD in biology and/or bioinformatics. Skill we would like you to have: understanding of phylogenetic methodology, knowledge of wet-bench molecular techniques would be a plus, proven familiarity with high-throughput sequencing analyses, facility with one or more programming languages (such as Python, Perl, or R), and at least three peer-reviewed publications. Applications should be sent to Axel Meyer (axel.meyer@uni-konstanz.de) and include (1) a cover letter explaining your background and motivation, (2) a CV, and (3) email addresses of two references.

The deadline for applications is the 21st of August.

Prof. Dr. Axel Meyer
Lehrstuhl für Zoologie und Evolutionsbiologie
Department of Biology
Building M, Room M806
University of Konstanz
78457 Konstanz
Germany

fon + 49 (0)7531 88 4163
fax + 49 (0)7531 88 3018

secretary: Christiane.Weber@uni-konstanz.de
tel. + 49 (0)7531 88 3069

<http://www.evolutionbiologie-uni-konstanz.com/>