The faculty of biology, Department of Animal Behaviour, offers a research position starting June 1st, 2019 (E13 TV-L, non-permanent position)

**Your Tasks**

There is a vacancy for a postdoctoral position within the research group of Prof. Dr. Joe Hoffman in the Department of Animal Behaviour. The main aim of the project is to use genomic data in a comparative framework that facilitate cold adaptation and speciation in Antarctic invertebrates. The research will be carried out in cooperation with Prof. Dr. Lloyd Peck from the British Antarctic Survey (BAS) in Cambridge. We will search for genomic signatures of cold adaptation and their role in speciation processes in various invertebrate taxa. Numerous sample material for these questions exists already. The project will combine a genomic with a phylogeographic approach.

- research tasks (95 %)
  - RAD-sequencing and analyses of SNP-data sets of spineless organisms in Antarctica
  - phylogenetic analyses in conjunction with the genomic data sets
  - statistical data analyses
  - writing-up of the results for publication in international, peer-reviewed journals
- help with the running of the research group and the department (5 %)

**Your Profile**

We expect

- completed scientific degree (e. g. Master) in biology, genetics or another relevant field
- PhD in a relevant field (e. g. biology, genetics, evolution)
- comprehensive experience with lab work, especially genomics
- experience with statistical analyses, preferably using R
- experience with genetic techniques
- interest in behavioral, genetic and evolutionary questions
- ability to work independently and as part of a team
- excellent written and oral communications skills in English

Preferable qualifications

- publications in peer-reviewed journals
- experience with diverse genetic and genomic techniques
- experience with next generation sequencing techniques
- experience with working with multiple, large-scale data sets

**Remuneration**

Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) sentence 1 of the WissZeitVG (fixed-term employment), the contract will end after three years. The employment is designed to encourage further academic qualification. The position is advertised as a full-time position. In principle, these full-time position may be changed into a part-time position, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to equal opportunities and the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-family balance for all its employees.

**Application Procedure**

For full consideration, your application should be received via either post or email (a single PDF) document sent to joseph.hoffman@uni-bielefeld.de by April 3rd, 2019. Please mark your application with the identification code: wiss19036. Please do not use application portfolios and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure. Further information on Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

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