research position (Postdoc position in Theoretical Evolutionary Ecology)

starting as soon as possible

(E13 TV-L, non-permanent position)

Your Tasks

The position can start as soon as possible and is funded until the end of the year 2021 by the German Research Foundation (DFG) within the recently approved collaborative research centre (SFB/TRR 212) entitled: A Novel Synthesis of Individualisation across Behaviour, Ecology and Evolution: Niche Construction, Niche Choice, Niche Conformance, Niche Construction (NC3). The aim of the Postdoc project is to develop ecological and evolutionary theory to contribute towards a better understanding of intra-specific niche variation. The project is entitled "Modelling adaptive individualisation of niches in behavioral ecology" (sub-project S08 of the collaborative research centre, with Klaus Reinhold). This theoretical project will explore the conditions that favour the evolution of between-individual variation in behavioural niches. The aim is to focus on male choice and exploratory behavior in selecting between alternative phenotypic variation can be maintained based on genetic differentiation and variance in adaptive phenotypic plasticity. The collaborative research centre. The position will be embedded within a larger collaborative research centre (SFB) comprising more than 20 positions and more than 20 researchers (PhD students based at Bielefeld University, the University of Münster and the University of Jena). The aim of the SFB is to produce a conceptual and empirical synthesis of individualisation across behaviour, ecology and evolution. The SFB will provide exceptional opportunities for interdisciplinary collaboration and academic networking, together with structured training, scientific exchange and early career support programs. Further details of the SFB can be found at https://www.uni-bielefeld.de/biologie/crc212. For further information on the projects and the involved departments, please contact Klaus Reinhold (klaus.reinhold@uni-bielefeld.de) with any informal inquiries.

Your Profile

We expect

- university degree in a relevant discipline, e.g. biology, mathematics, physics or bioinformatics
- completed PhD in a relevant field
- experience with mathematical modelling of evolutionary processes
- programming skills in at least one programming language, e.g. R, C++, Python
- interest in biological and mathematical questions
- ability to work both independently and as part of a team
- very good oral and written communication skills in English

Preferable qualifications

- main focus of PhD in theoretical ecology, population genetics, behavioral ecology or evolutionary ecology
- papers in peer-reviewed international journals
- experience in collaborations between empiricists and theoreticians
- experience with high-performance computing

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 § 21 (1) sentences 2 of the WissZeitVG (Fixed-term employment), the contract will end on December 31, 2021 (extension possible). In accordance with the provisions of the WissZeitVG and the Agreement on Salaries by Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. In principle, this 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 training and further training programmes. Employees have the opportunity to use a variety of health, counseling, and prevention services. The possibility of part-time working is possible for all employees. Bielefeld University is a city of 325,000 inhabitants with all expected amenities and easy access to the Teutoburger Wald for hiking and other outdoor pursuits. It offers a high standard of living and is well connected to most major European cities.

Application Procedure

For full consideration, please provide: (i) a letter of motivation including a statement of your research interests and skills and experience relevant to the position; (ii) a CV including publication list; (iii) names and contact details of two referees willing to write confidential letters of recommendation. Your application should be marked with the identification code wiss19249 and received via either post (see postal address below) or email (a single PDF document sent to Klaus.Reinhold@uni-bielefeld.de by the 21st of December 2019). The interviews will take place early in 2020. Please do not use application/postal code and 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 https://www.uni-bielefeld.de. Please note that the possibility of privacy breaches and unauthorized access by third parties cannot be excluded when communicating via unencrypted e-mail. Information on the processing of personal data is available at https://www.uni-bielefeld.de/data-protection

Biochemistry University has received a number of awards for its achievements as an equal opportunity employer and has been recognized as a family-friendly university. The university welcomes applications from women. This is particularly true with regard both to academic and technical posts as well as positions in information technology as well as the skilled crafts and trades. Applications are handled according to the provisions of the state statutes on equal opportunity. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.