

Salzburg, Austria: Full Professor of "Evolutionary Biology of Animals"

GZ B 00/1-2016

Applications are invited for the position of

Full Professor of "Evolutionary Biology of Animals"

in the Dept. Ecology & Evolution at the Paris-Lodron University Salzburg, Austria. The desired starting date is 01 Oct. 2017.

We seek an innovative scientist with an outstanding track record in research and experience in academic teaching to fill the professorship of "Evolutionary Biology of Animals" at the Dept. Ecology & Evolution (<http://www.uni-salzburg.at/ecoevo>). The successful candidate must have demonstrated a well-established expertise in evolutionary biology and is expected to combine experimental laboratory and field approaches. The candidate's research should cover aspects of metazoan evolution with a focus on genotypic and/or phenotypic adaptation of species or species groups (individuals/populations/communities) to long-term or short-term environmental changes. Internationally recognized expertise in research areas such as population genetics/genomics, evolutionary ecology, adaptive trait evolution, speciation, and/or coevolution and the application of state-of-the-art methods (e.g., next generation sequencing, transcriptomics) are expected. The university's geographic location offers excellent opportunities for researchers particularly interested in alpine environments.

The appointee will be teaching the entire range of animal evolutionary biology and diversity for the university's Bachelor "Biology" curriculum, the recently implemented Master "Biology/Ecology & Evolution" curriculum, the Teachers' Education Program, and the Doctoral Studies program, including the university's newly established Doctorate Schools. Teaching and evaluating students in both German and English will be required.

The new professorship will complement the existing research priorities of the Dept. Ecology & Evolution and further strengthen its scientific profile. Cooperation with researchers from the other biological departments and further related and/or complementary disciplines within the University of Salzburg as well as with local and national non-university research institutions is encouraged. The successful candidate is expected to initiate, acquire and implement novel externally funded national and international research programs, e.g. Austrian Science Fund (FWF), FWF research groups, European or other international joint projects, etc., to establish a research group, to show active participation in the academic self-administration and a willingness and the relevant qualification to take on a leadership position.

Salzburg offers not only an attractive research environment, but also excellent quality of life in a medium-sized city with a rich cultural life, close proximity to mountains and lakes and easy access to the major urban centres of Vienna and Munich.

*Minimum general requirements for the appointment are:

1. A completed PhD compatible with the advertised position;
2. the qualification to teach at the university level (*venia docendi* or equivalent qualification);

3. excellent scientific abilities;
4. excellent pedagogical and didactical skills;
5. managerial skills necessary to lead an academic organization;
6. evidence of integration within the international research community (e.g. peer review of manuscripts and proposals, international experience and cooperations);
7. proficiency in written and spoken German.

The position is permanent and full time following by-law UG 2002 and the Employee Act of Austria. The payment will be according to collective agreement for university employees of the group A1, with a minimum salary of euro 4.842,70 before tax (14 annual payments).

The University of Salzburg is committed to increasing the share of women in research and teaching positions and therefore explicitly encourages female candidates to apply. In the event of equal qualifications, preference will be given to women.

Disabled candidates or people with chronic illnesses with the required qualifications are explicitly invited to submit their applications.

Travel and accommodation expenses arising from this application and any potential visit cannot be reimbursed.

Applications, including the standard documents (curriculum vitae, list of publications, teaching record, teaching evaluation, research projects and other relevant activities), as well as a description of the future research and teaching concepts should be addressed to the Rector of the Paris Lodron University of Salzburg, Univ.-Prof. Dr. Heinrich Schmidinger and sent by email to bewerbung@sbg.ac.at. Informal enquiries can be directed to ulrike.berninger@sbg.ac.at.

Applications must be received by 27 Jan. 2017.

Dr. Anja Hörger
University of Salzburg
Department of Ecology and Evolution
Hellbrunnerstr. 34
5020 Salzburg
Austria
Email: anja.hoerger@sbg.ac.at
Tel: [+43 662 8044-5501](tel:+4366280445501)

Groningen, Netherlands: 5 Tenure Track Assistant or Associate Professor positions in Evolutionary Life Sciences

The University of Groningen offers 5 Tenure Track Assistant or Associate Professor positions in Evolutionary Life Sciences

The Groningen Institute for Evolutionary Life Sciences (GELIFES) was established in 2015 and is the largest institute of the Faculty of Mathematics and Natural Sciences (FMNS) of the University of Groningen.

GELIFES fills a special niche in the life sciences by covering and integrating mechanistic, evolutionary and ecological approaches. GELIFES' main aim is to integrate proximate and ultimate approaches in the Life Sciences. This strategy generates better understanding of fundamental biological processes and contributes to the solution of societal problems. Our research fields include behavioural biology, chronobiology, ecology and conservation biology, evolutionary biology, genetics and genomics, neurobiology, physiology and theoretical biology, using a wide array of research tools from molecular, through the whole organism, to population and community level, under laboratory, semi-natural and field conditions. We study a wide array of species, from microbes, algae, plants and insects to vertebrates such as fish, birds, rodents, marine mammals and humans. Our institute is the driving force of the Adaptive Life Programme, one of four integrative focus research areas of the FMNS.

To further strengthen Adaptive Life, the University of Groningen and FMNS enabled us to hire for 5 new faculty and 25 PhD scholarship positions, as well as to invest in large scale new facilities. This support also facilitated the establishment of the Sustainable Landscape Competence Centre and the Brain and Behavioural Competence Centre, in order to attract external research funds and further organize our outreach.

GELIFES has the following vacancies for Tenure Track or Associate Professor positions, depending on career stage of the candidate:

- a position in Evolutionary Ecology of Marine Animals
- a position in Chronobiology
- a position in Microbial Ecology and Evolution
- 2 positions in Evolutionary Medicine

Candidates are expected to set up an independent research line within one of these fields, complementary to ongoing research within the institute. The candidates are expected to have an interest in strengthening the research program and faculty theme called Adaptive Life in which biological adaptation is studied by integrating mechanistic with evolutionary approaches. Candidates are expected to attract funding for new PhD projects and attain a leading international position in the field. They are excellent teachers who can attract students of different disciplines and have an interest in teaching at the bachelor, master and PhD level.

The University of Groningen has adopted an active policy to increase the number of female scientists across all disciplines of the university. Therefore, female candidates are especially encouraged to apply.

For more information on this position, qualifications and conditions of employment, please check the vacancy website:

<http://www.rug.nl/about-us/work-with-us/job-opportunities/overview>. **The deadline for application is January 25th 2017.**

For more information on GELIFES, its staff and research, please visit:

<http://www.rug.nl/research/gelifes/>

For more information on the Adaptive Life Programme, please visit:

<http://www.rug.nl/research/fmns/themes/adaptive-life/>

University of Konstanz, Department of Biology

Research Associate in Behavioral Neuroscience

Application deadline: 31. 1. 2017

[\[printable version http://www.dzgev.de/de/stellenboerse/ausschreibungen/2016/postdoc_konstanz2017.pdf\]](http://www.dzgev.de/de/stellenboerse/ausschreibungen/2016/postdoc_konstanz2017.pdf)

The Department of Biology in the Faculty of Science has a vacancy for an

Research Associate in Behavioral Neuroscience

(Salary Scale 13 TV-L / 100 %)

This position is available **as of 1 May 2017**. The initial 3-year position can be extended for another 2 years after successful evaluation. In principle, this position can be divided into two half-time positions.

Applicants should hold a Ph.D. and have a background in neurobiology and behavior of insects. We offer an interdisciplinary and exciting research environment for studying the neurobiology of insect behavior, allowing you to develop your own research field, preferably aiming to understand the neuronal basis of sensory processing and social behavior of ants or bees.

We expect you to participate in collaborative research projects within and outside the department, in particular within the IMPRS (a joined Graduate School between the University of Konstanz and the MPI in Radolfzell), the Graduate School Chemical Biology, and current and future CRCs (collaborative research center). Access to the central facilities of the department (bioimaging center, genomics center, proteomics center, electron microscopy) and equipment in the Neuroscience group (electrophysiology, optical imaging, multiphoton

microscopy, behavioral setups, gas chromatography, animal care facility) is given.

Applicants working on one or more of the following subject areas are particularly welcome: Integrative analysis of insect olfaction, collective behavior, odor communication in social insects, action selection in insects.

Teaching includes courses in Zoology and Neuroscience at all levels of our departmental teaching (Bachelor, Master, Teacher's training, Graduate School). German language is not a prerequisite, since most teaching is done in English.

For more information, please contact: Christoph.Kleineidam@uni-konstanz.de ; [//cms.uni-konstanz.de/neuro/research](http://cms.uni-konstanz.de/neuro/research), or Giovanni.Galizia@uni-konstanz.de ; [//neuro.uni-konstanz.de](http://neuro.uni-konstanz.de)).

The University of Konstanz encourages disabled persons to apply. They will be given preference if appropriately qualified (contact +497531/88-4016 und 88-2834). The University of Konstanz is an equal opportunity employer that tries to increase the number of women in research and teaching. The University of Konstanz has been certified as a family-friendly institution by the Hertie Foundation and is committed to further the compatibility of work and family life. The University of Konstanz offers a „Dual Career Couples Program“. Information can be obtained from: <http://www.uni-konstanz.de/dcc> .

Applications including a motivation letter and research plan, CV, list of publications, teaching experience, copies of degree certificates, names of two referees to **call 2016/253** should be sent **by 31 January 2017** as a single pdf-file to: christoph.kleineidam@uni-konstanz.de . The call remains open until the position is filled.

see also: <http://www.uni-konstanz.de/stellenangebote/stellenauswahl.php?seite=2016/253&id=1>

Amsterdam, Netherlands: Full professor Population and Evolutionary Biology

Faculty of Science - Institute for Biodiversity and Ecosystem Dynamics

Level of education: PhD

Salary indication: euro 5,260 to euro 7,659 gross per month

Closing date: 11 February 2017

Hours: 38 hours per week

Vacancy number: 16-593

The Institute for Biodiversity and Ecosystem Dynamics (IBED) is one of the eight research institutes of the Faculty of Science at the University of Amsterdam. IBED was founded in 2000 by merging research groups with expertise in ecology, physical geography, environmental microbiology and environmental chemistry. The research at IBED aims to

unravel how ecosystems function in all their complexity, and how they change due to natural processes and human activities. At its core lies an integrated systems approach to study biodiversity, ecosystems and the environment. IBED adopts this systems approach to ecosystems, addressing abiotic (soil and water quality) and biotic factors (presence, population dynamics and functioning of plants, animals, microbes), and the interplay between these ecosystem components. The IBED vision includes that research encompasses experimental and theoretical approaches at a wide variety of temporal and spatial scales, i.e. from microbes and individual behaviour to patterns and processes occurring at landscape scale. IBED offers advanced and up-to-date research facilities, such as a greenhouse, growth chambers, an electrophysiological lab, a molecular lab, an analytical chemistry lab, a soil erosion lab, a GIS studio, and high-performance computing facilities.

IBED is in search of a new full professor for the department of Population and Evolutionary Biology (PEB).

We are looking for a scientist who has the ambition to lead a diverse research group. Someone who inspires the PEB team, represents the group and increases the international academic visibility of PEB. Someone who has a talent for, and a clear vision on university teaching and research. We welcome a candidate who brings in new approaches, research skills or model systems.

The department of Population and Evolutionary Biology Research of the new department of Population and Evolutionary Biology aims at improved understanding of how interactions between individuals and their biotic and abiotic environment affect population dynamics and evolutionary processes, which ultimately determine speciation and biodiversity patterns. Research is integrative, combining insights from population ecology, community ecology, and evolutionary biology. The Population and Evolutionary Biology department also performs applied research on questions relevant for society.

At present, the department of Population and Evolutionary Biology consists of 10 permanent academic staff members, 10 Postdocs, 18 PhD students and 4 technical staff. The department plays an important role in teaching and coordinates a wide range of BSc and MSc courses. The department will comprise the three current chair groups of Population Biology, Evolutionary Biology and Experimental Plant Systematics.

Current research of PEB is organized along 4 lines:

- chemical and molecular basis of adaptation and speciation;
- adaptive intraspecific variation in exploitation strategies of herbivores and predators;
- direct and indirect interactions among plants, predators and prey;
- biodiversity and conservation.

Members of the department of Population and Evolutionary Biology collaborate extensively with other research groups within IBED. Within the University of Amsterdam, we work together with colleagues from the Swammerdam Institute for Life Sciences and the Center for Research in Experimental Economics and Political Decision Making. The department of Population and Evolutionary Biology also collaborates with many other national and international institutes and non-academic stakeholders. In particular, we focus on increased collaboration with the related department of Animal Ecology of the Vrije Universiteit Amsterdam. Together, these two groups aim to become a leading center for evolutionary and ecological research.

Job description

The new full professor will chair the department of Population and Evolutionary Biology, will develop her/his own research program, and will contribute to the teaching program. The full professor will foster a coherent research profile of the department, will represent the department inside and outside the university, and will mentor and guide the department members in their scientific career development.

Tasks are:

- to chair the department of Population and Evolutionary Biology;
- to develop and contribute to courses in particular within the BSc and MSc curricula Biology, Psychobiology, Bio-medical Sciences and Future Planet Studies;
- to strengthen the existing research lines by bringing in new ideas, skills and innovative research approaches;
- to develop her/his own research within the research domain of the Population and Evolutionary Biology department;
- to attract external funding.

Requirements

The ideal candidate is a creative and inspiring scientist who can identify new directions, implement plans and motivate people, with a clear vision on how to take up the challenges and enhances new opportunities for teaching and research.

In particular, the candidate:

- has a proven scientific track record in the field of population and evolutionary biology;
- is interested and engaged in university teaching;
- has a strong position in international networks;
- has an affinity for experimental and field work;
- has a track record in gaining research grant funding;
- has a critical, open, constructive and enthusiastic personality;
- contributes positively to the consolidation of the team spirit.

Other aspects:

- in possession of a University Teaching Certificate or willingness to acquire it within two years;
- if not already living in the Netherlands, willing to move to it;
- if from abroad, a willingness to learn the Dutch language.

Further information

For further information about this vacancy, please contact us by email at:

- Jobs Ibed at jobs-ibed@uva.nl

You may also contact:

- Prof. Peter de Ruiter

T: [+31 \(0\)20 525 5684](tel:+31205255684)

Appointment

We offer a full-time position for 38 hours per week in a highly stimulating academic environment and a dynamic international atmosphere. The gross monthly salary will range from euro 5,260 to euro 7,659 (scale H2), depending on previous experience. The salary will be increased by 8 % holiday allowance and 8.3 % end-of-year bonus. The Collective Labour Agreement for Dutch Universities is applicable.

Job application

Applications by email only. These should include:

- a concise motivation letter (max. 1 page);
- a CV and list of publications;
- a teaching statement (max. 2 pages);
- a research statement (max. 2 pages);
- names and contact details of three references.

All application materials should be combined into a single pdf and submitted to application-science@uva.nl before 11 February 2017. Please quote vacancy number 16-593 in the subject field.

Interviews for this position are scheduled in the second half of March 2017, Science Park 904, Amsterdam.

We strongly encourage women to apply. No agencies please

Geneva, Switzerland: PostDoc Evolutionary Ecology Parasites

Deadline: January 20, 2017

Subject area

Evolutionary and ecological processes driving parasite speciation

Description of the project:

This is a project on how species radiations affect interspecific interactions, such as host-parasite associations. Analogous to how a diverse habitat can support a diverse community of free-living species and lead to species radiations, a species-rich or genetically divergent pool of hosts may provide variable but resource-rich habitats that may promote diverse parasite communities and in some instances, parasite species radiations.

The aims of this project are:

1. to test general ecology theory regarding whether parasite diversity follows the habitat heterogeneity hypothesis
2. to develop general theory for the interplay of ecological and evolutionary processes promoting parasite diversification in an interspecies interaction context

The model system used to address the theoretical framework above will be whitefishes and their parasite communities in Swiss and Scandinavian lakes.

A major part of the research will involve fieldwork in Norwegian and Swiss lakes, parasitological examination of fish and morphological characterisation of parasites. This will be followed by community ecology analyses, extensive population genomic [single-nucleotide polymorphisms (SNPs)] of parasites and phylogeography analyses.

The position involves working closely with field assistants and students at different institutions.

Skills desired and experience

The candidate will hold a PhD in biological science and possess the following skills and experience (E=essential, D=desirable):

- Fieldwork, preferably in freshwater environments (E)
- Knowledge of parasitology and parasitological dissections (E)
- Library preparation for RAD-seq or other next generation technologies (E)
- SNP analyses, bioinformatics, data management and building workflows (D)
- Experience with population genetics and phylogenetics analyses (E)
- Experience in using R for statistical analyses (D)
- Experience using cloud computing (D)
- Good interpersonal skills (E)
- Able to deal effectively with international and national collaborations (E)
- Demonstrated experience in management (D)

Job position

Postdoctoral researcher based at the Natural History Museum of Geneva, in close collaboration with the UNIGE and EAWAG.

Duration: Up to 2 years (1 year, renewable once); salary 80K CHF/year.

Open to CH and EU citizens.

Starting date 1 July, 2017

How to apply

Please send a motivation letter together with your full CV and the name and contact details of two preferred referees to Isabel.Blasco-Costa@ville-ge.ch by **January 20, 2017**

isa.blasco.costa@gmail.com

Linneus University, Sweden: PhD evolutionary ecology of butterflies

PhD position: Ecology with emphasis in evolutionary ecology of butterflies and moths

The doctorate student will work within the research project 'Evolutionary ecology of butterflies and moths'. The aim of the project is to investigate the causes and consequences of genetic and phenotypic variation, using butterflies and moths as model systems. Part of the

research will be conducted in within the framework of an ongoing project regarding the ecological consequences for populations and species of variation in functionally important traits, such as life-history characteristics and color patterns. For this, we have at our disposal ecological data for a large number of moth species that can be used for comparative analyses to evaluate hypotheses and test predictions.

The research will also include initiating a new project. Field studies and laboratory work will be used to collect information on the distribution, dynamics, genetic structure and composition of natural

(meta-) populations of selected moths and butterflies, likely on the island of Öland. Data will be used to investigate how environmental heterogeneity impact on ecological and evolutionary processes and shape patterns of population-level diversity, and how population-level diversity in turn may feed-back on ecological and evolutionary processes. The successful applicant will be part of EEMiS, a multidisciplinary center of excellence within Linnaeus University.

Linnaeus University was established when Kalmar University and Växjö University merged. The Department of Biology and Environmental Science is part of the Faculty of Health and Life Sciences. The research activities within the Department of Biology and Environmental Science include the areas of aquatic ecology, cell and organism biology, evolutionary biology, microbiology, environmental science and environmental engineering as well as zoonotic ecology. For more information see: www.Lnu.se

The PhD studies are limited to 4 years (100%) but may be extended to 5 years through teaching at the undergraduate level. Successful completion of the post-graduate studies will lead to a PhD in Ecology with emphasis in evolutionary ecology. The position is located in Kalmar, Sweden and will start from 1 February, 2017, or as soon as possible thereafter.

Closing date for application is January 26th, 2017.

Applications through

<https://lnu.se/en/meet-linnaeus-university/work-at-the-university/>. Mark your application with reference number 2016/7072-2.2.1.

Further information:

<https://lnu.se/en/meet-linnaeus-university/work-at-the-university/?rmpage=job&rmjob=2480&rmlang=UK>

Contacts:

Project leader and principal supervisor: Professor Anders Forsman (anders.forsman@lnu.se), [+46-\(0\)480-446173](tel:+46-0480-446173)

Head of department: Per-Eric Betzholtz (per-eric.betzholtz@lnu.se), [+46-\(0\)480-446238](tel:+46-0480-446238)

Human resources consultant: Christian Andersson (christian.andersson@lnu.se), [+46-\(0\)470-448506](tel:+46-0470-448506)

Union representatives may be contacted via the university switchboard at +46-772-288000

Dr. Martin Wiemers

Department of Community Ecology

Helmholtz Centre for Environmental Research - UFZ

Theodor-Lieser-Str. 4

06120 Halle

Germany

Tel. [+49 345 558-5322](tel:+493455585322)
e-mail: martin.wiemers@ufz.de
<http://www.ufz.de/index.php?en=31235>

private:
Wielandstr. 8
06114 Halle
Germany
Tel. [+49 345 27950187](tel:+4934527950187)
Mobile [+49 157 85401271](tel:+4915785401271)
Fax [+49 3212 6968883](tel:+4932126968883)
e-mail: mwiemers@web.de

Sussex, UK: PostDOc evolutionary genetics

Postdoctoral position in evolutionary genetics/genomics of sexual antagonism

University of Sussex
School of Life Sciences

Full time, Fixed term for 1 year
Salary range: starting at 32,004 and rising to 38,183 per annum

Closing date for applications: 12 January 2017

Description

The Morrow lab wishes to appoint a postdoctoral researcher as part of project investigating the genetics of sexual antagonism in the fruit-fly *Drosophila melanogaster*. The position will be focussed on analysing molecular data from an experiment into the reproductive success of flies with known genotypes in a mass-action experiment that has already been carried out. The aim being to determine reproductive success of the different haplotypes and infer selection at individual genetic loci. The main duties will involve designing the genotyping strategy (using microsatellites and/or SNP markers), pre-processing genotyping data, statistical modelling and contributing to writing-up the experiment. The post-holder is expected to work closely with the PI and other members of the group. There may be an opportunity to extend the position based on the availability of other funding.

The position would be ideal for a highly motivated individual with an interest in sexual antagonism or more generally in evolutionary biology and/or genetics/genomics. The candidate should be familiar with principles of molecular biology and have training or experience with bioinformatics or advanced statistical analysis. Direct experience of working with data generated from molecular markers (microsatellites or SNPs) would be a distinct advantage. Knowledge of or experience with genomic or genetic data from *Drosophila* is not necessary but may be advantageous. A proven record of publishing peer-reviewed articles as a main author is essential. The candidate should have excellent organizational and communication skills and work conscientiously. The post-holder must have a PhD in a biological or related subject.

Further information on the research of the Morrow lab can be found at:
<http://www.sussex.ac.uk/lifesci/morrowlab/index>

A recent paper on the large genomic dataset that is available has just been peer-reviewed at F1000 Research: <https://f1000research.com/articles/5-2644/v1>

Candidates are welcome to make informal enquiries to the PI via email:
ted.morrow@sussex.ac.uk

An overview of research within the Evolution, Behaviour and Environment theme can be found at <http://www.sussex.ac.uk/lifesci/ebe/>

The School of Life Sciences is at the forefront of research in the biological sciences in the UK, coming in the top 10 in the REF 2014. The School is committed to equality and valuing diversity, and currently holds an Athena SWAN Silver Award. Applications are particularly welcomed from women and black and minority ethnic candidates, who are under-represented in academic posts in science and engineering at Sussex. The School of Life Sciences welcomes applications to academic posts from candidates who wish to work part-time or as job-sharers.

The University offers various schemes to provide real benefits to parents, these can be found at <http://www.sussex.ac.uk/humanresources/personnel/familyfriendlypolicies>

Brighton is a lively multicultural city on the south coast of England, 20 minutes from Gatwick International Airport and around 1 hour from the centre of London (by train). Apart from the famous sea front and piers of Brighton and Hove, and the stunning white chalk cliffs along the south coast, the University of Sussex campus at Falmer is nestled in the beautiful South Downs National Park - next door to Stanmer country park and from the picturesque village of Lewes.
