

University of Muenster, Faculty of Biology

Junior Group Leader (W1) in Evolutionary Functional Genomics

application deadline: 31.10.2009

The Faculty of Biology at the University of Muenster (Germany) invites applications for a **Junior Professorship (W1)**

salary scale; equivalent to a non-tenure track assistant professorship or lecturer) in Evolutionary Functional Genomics.

The position will start 1st January 2010 or later

. Appropriate laboratory space and access to a technology platform for state-of-the-art genomics techniques (Integrated Functional Genomics (IFG)) is provided.

The successful candidate will lead an independent junior group with a strong research program in a cross-disciplinary field combining evolution and physiology. He/she will study **adaptations to biotic and/or abiotic stressors on micro- or macro-evolutionary scales**, making use of modern functional genomics techniques. Molecular techniques may include large-scale study of natural genetic variation (such as re-sequencing, SNP analysis etc.) and dynamic aspects of gene activity (transcriptomics, DNA methylation profiling etc.) to address the genetic basis and physiological consequences of evolutionary change. The position includes teaching (in English or German) at the undergraduate (Bachelor) and graduate (Master) level in the candidate's field of expertise.

The position is initially for three years with a possible renewal for another three years. The position comes with substantial funding (positions for a postdoc and a technician, start-up and base funding). The successful candidate is expected to participate in ongoing collaborative research efforts of the Faculty of Biology and encouraged to acquire additional extramural funding. Applicants must have a PhD or doctorate in a biological or related discipline. Postdoctoral experience and a strong publication record are expected.

The University of Muenster seeks to increase the proportion of female staff members in the faculty and therefore encourages interested female candidates to apply. Handicapped candidates with equivalent qualifications will be given preference.

For further information, please contact Prof. Joachim Kurtz (Email: joachim.kurtz@uni-muenster.de; phone: +49 251 83 24 661). To apply for this position, please send a Curriculum Vitae in English, including a publication list, a summary of scientific achievements, teaching experience, acquired funding and a description of research plans, to arrive

by 31st October 2009

. This should be sent as both a pdf and a hard copy to:

Dekan des Fachbereichs Biologie

Westfaelische Wilhelms-Universitaet
Schlossplatz 4, D-48149 Muenster, Germany
Email: dekanat.bio@uni-muenster.de

weitere aktuelle Stellenausschreibungen finden Sie auf der DZG- webpage:
<http://www.dzg-ev.de/de/stellenboerse/stellenboerse.php>
wenn Sie keine Stellenanzeigen mehr von uns wuenschen, antworten Sie bitte mit
"unsubscribe" im Betreff

Postdoctoral position on the evolutionary genetics of butterfly wing patterns.

CNRS / Museum National d'Histoire Naturelle, Paris

Duration: up to 3 years
Funding: European Research Council
Net monthly salary: 2200-2800€
Deadline for application: 26 November 2009

A postdoctoral position is available to work on the evolutionary genetics of a balanced polymorphism for wing-pattern mimicry in the Amazonian butterfly *Heliconius numata*. The project is devoted to characterise the genomic organisation and annotation of a wing pattern-determining "supergene" locus, and to understand the evolutionary history of chromosomal rearrangements associated with mimicry polymorphism and balancing selection. The research will involve various approaches ranging from linkage mapping to molecular evolution, genomics/bioinformatics and evo-devo, and will take advantage of a rich comparative framework with closely related species. A rich and rapidly increasing amount of genomic resources is now available for this and other *Heliconius* species. The full genome sequencing of a closely related species is underway. A flavour of our current research in *Heliconius* butterflies can be found here:

<http://heliconius.zoo.cam.ac.uk/joron/>
<http://www.heliconius.org> .

The successful candidate will join a new team lead by Mathieu Joron and funded by the ERC and the CNRS at the Natural History Museum in Paris. A PhD and a strong background in genetics or evolutionary biology are required. Good skills in molecular genetics are essential. Fluency in French is not required. The postdoc will have the opportunity to collaborate closely with local evolutionary biologists, postgraduate students, as well as with international collaborators from the *Heliconius* Genome Consortium.

The Natural History Museum (www.mnhn.fr) is situated right in the centre of Paris, next to Universit   Pierre & Marie Curie (Paris 6 Jussieu), Ecole Normale Sup  rieure, and Institut Jacques Monod. The Natural History Museum has recently enjoyed an intensive

campaign of recruitment of young researchers in all aspects of biodiversity and evolutionary research, and Paris as a whole has a vibrant research community in the life sciences.

The position is for up to 3 years depending on starting date (January 2010 or soon thereafter). Net monthly salary is EUR 2300-2800 depending on experience.

Interested candidates are strongly encouraged to make informal contact with Mathieu Joron as soon as possible (joron@mnhn.fr). Applicants should send a 1-2-page application letter stating research interests and date of availability, a detailed CV, and the names and contact details of at least two referees, preferably by email, by 26 November 2009, to Mathieu Joron (joron@mnhn.fr):

Mathieu Joron (joron@mnhn.fr)
Muséum National d'Histoire Naturelle,
Origins, Structure and Evolution of Biodiversity lab CNRS UMR 7205, case postale 39,
16 Rue Buffon, 75005, Paris, France
Tel. +33(0)140-79-33-27
<http://heliconius.zoo.cam.ac.uk/joron/>
Mathieu Joron joron@mnhn.fr

Post Doctoral Research Associate: Biological & Biomedical Sciences, Durham University

Salary: £29,704 per annum

Impacts of climate change on bird species across networks of protected areas

We are seeking a research scientist to investigate the impacts of climate change on bird species across networks of protected areas, with a particular focus on the region of the Himalayas and Lower Mekong in South-east Asia, and the Albertine Rift Region of East Africa. The post is fixed-term for 24 months, ideally commencing in January 2010.

You will work as part of a larger group investigating climate change impacts on species and, more generally, conservation strategies under climate change. The research will be undertaken in collaboration with BirdLife International and is funded by the MacArthur Foundation.

Candidates should have a PhD or equivalent in a relevant biological or mathematical science discipline. Key skills that are desirable for the position include: experience of analyzing and modelling data and, ideally, expertise in using GIS software; scientific computing skills that facilitate manipulating of large datasets; an ability and willingness to work as part of a team and

to collaborate with other scientists; an ability to write scientific reports and papers and to communicate results in oral presentations at meetings and conferences.

This post offers an exciting opportunity to integrate the modelling of potential climate change impacts on species into real world conservation situations.

Vacancy reference: 3442. Closing date: 9 November 2009.

Further details of the post and an application form are available on our website (<https://jobs.dur.ac.uk>) or telephone 0191 334 6499; fax 091 334 6495

For informal enquiries please contact: Dr Stephen Willis: s.g.willis@durham.ac.uk (http://www.dur.ac.uk/s.g.willis/PDRA_advert.pdf)

Leiden: Postdoc Life History Evolution
Date: Fri, 23 Oct 2009 08:56:27 +0200

Post Doc into life history regulation m/f in Leiden (the Netherlands)

Vacancy number : B.09.JS.06

Position

As a post doc you are responsible for carrying forward our research activities on the regulation of human life histories under adverse conditions. To this end we have initiated a cohort study in the North-East of Ghana. This study is part of a greater endeavor identifying cues that are relevant for early survival and determine the rate of ageing. Genetics play a key role but only within the peculiar environmental conditions to which the participants are exposed. It is a team effort in which several junior and senior researchers from (inter)national laboratories are involved. You will be positioned within the 'LifeSpan' project, a EU-funded Network of Excellence that is coordinated in Leiden. As a member of the management team, you will spend part of your time on coordinating and running the Network.

The department

You will be positioned within the Department of Gerontology and Geriatrics. The focus of this department is on scientific research on ageing and longevity, elderly people in means of patient care for elderly as well as

participation in the medical and biomedical curriculum of Leiden University and hosting the training for geriatricians.

Your profile

You have a background and PhD that enables you to study the genetic regulation of human life histories. You are able to work independently and in a team, and possess excellent communication skills, including fluent written and spoken English. You like to take initiatives and are driven by scientific interests. You are enthusiastic and inquisitive and possess the creative skills to find solutions though with a critical eye for your work. A flexible work approach and ability to cope with stress is essential and you will be expected to present and publish your findings. Experience in and affinity with scientific programming is an advantage. We encourage persons to apply who are enthusiastic about the LifeSpan initiative and who can contribute expertise relevant to the network, and are willing to work in a large multi disciplinary consortium.

We offer

You will be employed on the basis of a 36-hour week and appointment is for two years, until 1 January 2012. Your salary will be a maximum of EUR 4,416 gross per month based on a full time position (according to the Collective Labour Agreement for University Hospitals).

The terms of employment offered by the LUMC are highly favourable. For example, you will receive an 8% holiday remuneration, a year-end bonus, a pension arrangement with the National Civil Pension Fund, and, if applicable, a bonus for unsocial hours. Also, as employee of one of the University Hospitals in the Netherlands, you may join our collective health insurance policy.

Moreover, the LUMC offers excellent facilities in the area of education, child-care centres, and career advice. In addition, you may enjoy various leave arrangements and other extras.

More information

If you have any questions, or if you want more information about this position, please contact Prof Dr R.G.J. Westendorp, head of the Department of Gerontology and Geriatrics, telephone +31 (0)71 526 66 40 or r.g.j.westendorp@lumc.nl

Apply

If you are interested in this job and you satisfy the requirements in the job profile, we encourage you to apply. You can do so by letter, by e-mail or by using the application form. You may rest assured that your details will be treated with strict confidentiality. After selecting a number of letters and CVs, one or two interviews will be conducted. An internal

application procedure is being held for this job. If an internal and external candidate have matching abilities, our preference goes to an internal candidate.

Applying by e-mail

Send an e-mail, stating your reasons for applying and including your CV, to Div2peno@lumc.nl. Clearly state the job number of the job you are applying for. You can include annexes with your e-mail (for example, your CV), provided they are in MS Word format.

Applying by letter

Send your letter of application, stating your reasons for applying and including your CV, to:

LUMC

Attn. Personnel and Organisation Department Bureau Bedrijfsvoering divisie 2 (K5-S) PO Box 9600 2300 RC Leiden The Netherlands

Please state the vacancy number on both the letter and the envelope

C.N.van_Beuzekom@lumc.nl

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LUMC

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(K5-S) PO Box 9600 2300 RC Leiden The Netherlands

Please state the vacancy number on both the letter and the envelope

C.N.van_Beuzekom@lumc.nl
