



UPPSALA UNIVERSITET

Department of Animal Ecology
Evolutionary Biology Centre
Uppsala University
Norbyvägen 18D
SE-752 36 Uppsala
Sweden

PhD position in Evolutionary Biology of Aging

PhD position in the evolutionary biology of aging is available at the Department of Animal Ecology, Uppsala University, Sweden.

The project will focus on two crucial yet poorly understood issues in the evolutionary biology of aging – sex-specific selection and condition-dependence – using animals with short generation time, such as the dioecious nematode worm *Caenorhabditis remanei* and the seed beetles (e.g. *Callosobruchus maculatus*), as main model systems. The project will combine the experimental evolution with classical behavioural ecology approach. The main objective is to understand the evolution of sex differences in lifespan and reproductive aging.

Applicants should have a MSc (or equivalent) in biology/ecology and a strong interest in evolutionary biology and behavioral ecology. Special interest in the evolution of life-histories and/or sexual selection is a plus. The project will be supervised by Alexei Maklakov (see <http://www.iee.uu.se/zoekol/default.php?type=personalpage&id=87&lang=en>) and the candidate will receive her/his postgraduate training within the postgraduate school at the Evolutionary Biology Centre (EBC) (see http://www.ebc.uu.se/index_eng.php). The working atmosphere is international with English as working language. EBC constitutes an exciting arena for multidisciplinary research in evolutionary biology in a broad sense, with research programs including ecology, systematics, genetics, genomics, and developmental biology. Uppsala University is the oldest university in Scandinavia and the city of Uppsala is a vibrant student town with beautiful surroundings conveniently situated 40 minutes by train from Stockholm.

This position is financed for four full years, and the successful candidate will receive a postgraduate fellowship the first year (15.500 SEK/month) and a postgraduate position year 2-4 (22.000 - 24.500 SEK/month).

Important dates: The position is open until filled but all applications submitted by **November 15, 2009** will be given full consideration. The preliminary starting date is January 15, 2010, but is flexible.

Applications should include: 1) short letter of interest / background (2 pages max); 2) complete CV; 3) a description of undergraduate training; 4) a copy of undergraduate degree and 5) the names and e-mail addresses of 2-3 referees. Applications should be sent by e-mail to Alexei.Maklakov@ebc.uu.se. Alternatively, send hardcopies to the following address: Alexei Maklakov, Animal Ecology, EBC, Norbyvägen 18D, Uppsala University, SE-752 36 Uppsala, Sweden. Please feel free to contact me by e-mail or by phone (+46-18-471 2702) for more information.

Note that there is another PhD position on a related topic available at EBC in the Department of Evolutionary Biology under supervision of Urban Friberg (see <http://www.egs.uu.se/evbiol/Persons/Urban.html>). This creates opportunities for discussions and collaborations between the research groups, which will be greatly encouraged!



Avdelningen för zoöekologi

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