

PhD in amphibian evolutionary ecology

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Uppsala University is a comprehensive research-intensive university with a strong international standing. Our mission is to pursue top-quality research and education and to interact constructively with society. Our most important assets are all the individuals whose curiosity and dedication make Uppsala University one of Sweden's most exciting workplaces. Uppsala University has 44.000 students, 7.100 employees and a turnover of SEK 7 billion.

A PhD student position in amphibian evolutionary ecology is available at the Department of Ecology and Genetics, Animal Ecology.

The Department of Ecology and Genetics is an international environment with staff and students from all over the world. Our research spans from evolutionary ecology and genetics to studies of ecosystems. For more information, see www.ieg.uu.se.

Information about the research group: <http://katalog.uu.se/empinfo/?id=XX3226>

Project description/ duties: The fungus *Batrachochytrium dendrobatidis* (Bd) causes the disease chytridiomycosis and is a major cause factor behind the global declines of amphibians. This position is aimed at elucidating the relationship between Bd infection and fitness in natural populations of Swedish amphibians. The main objective is to understand how Bd will affect Swedish amphibian populations in the changing climate. We will study experimentally and using genomic techniques how resistance differs among amphibian species and populations. The project is supervised by Professor Jacob Höglund and Professor Anssi Laurila and will be conducted in collaboration with Professor Jonas Waldenström in Linnaeus University in Kalmar. The position is jointly funded by the research council Formas and Uppsala University.

Qualifications required: To be eligible for a PhD-student position the applicant must hold a master degree within ecology, evolutionary biology or equivalent. A high standard of spoken and written English is required.

Qualifications desired: Experience on genomic techniques and amphibian ecology/evolutionary biology.

Position: The graduate program covers four years of full-time study. The position can be combined with teaching or other duties at the department (maximum 20%), which prolongs the employment with the corresponding time. The salary will be set according to local agreements. Rules governing PhD candidates are set out in the Higher Education Ordinance Chapter 5, §§ 1-7 and in Uppsala university's rules and guidelines http://regler.uu.se/search/?hits=30&languageId=1&search-language_en=English. More information about postgraduate studies at Uppsala University is available at <http://www.teknat.uu.se/education/postgraduate/>.

Access: As agreed, no earlier than November 2019.

Application: The application should include 1) a letter of intent describing yourself, your research interests and past experience relevant for the position 2) your CV, 3) a copy of your master degree, your course grades and a copy of your master thesis, and other relevant documents 5) and the names and contact information to two reference persons who can provide confidential letters of recommendation (e-mail address and phone no.). The application should be written in English.

Uppsala University aims for gender balance and diversity in all activities in order to achieve a higher quality at all levels of the organization. We therefore welcome applicants of any gender and with different birth background, functionality and life experience.

For further information about the position please contact: Professor Jacob Höglund, jacob.hoglund@ebc.uu.se, +46 18 471 26 71.

You are welcome to submit your application no later than 2019-08-09, UFV-PA 2019/8.

Please do not send offers of recruitment or advertising services. Applications must be submitted as described in this advertisement.

Placement: Department of Ecology and Genetics

Type of employment: Full time , Temporary position longer than 6 months

Pay: Fixed salary

Number of positions: 1

Working hours: 100 %

Town: Uppsala

County: Uppsala län

Country: Sweden

Union representative: Seko Universitetsklubben seko@uadm.uu.se

Saco-rådet sacco@uadm.uu.se

ST/TCO tco@fackorg.uu.se

Number of reference: UFV-PA 2019/8

Last application date: 2019-08-09

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