



PhD position in Chemical Ecology

EMPLOYER

The division of Chemical Ecology, Swedish University of Agricultural Sciences, Alnarp, consists of around 50 people of 18 nationalities and with all career stages represented. In 2006 the division received a prestigious Linnaeus grant for research on Insect chemical Ecology, Ethology and Evolution, IC-E3. The program will run until 2016.

POSITION DESCRIPTION

Within the framework of IC-E3 we are performing research on how insects use chemical signals to recognize their hosts and how their behavioural response is modulated by short-term and long-term events, and from receptor neuron to CNS. We are now recruiting a PhD student whose research will focus on modulation of olfactory-mediated behaviour in *Drosophila*. The project includes an analysis of factors that are involved in steering the fly's behaviour in connection to its physiological state (feeding and mating status), and/or ecological niche (evolution). Factors (olfactory, neuromodulatory, genetic and molecular) involved in modulation will be identified. The work includes behavioural, physiological, genetic and molecular analyses.

QUALIFICATIONS:

Candidates should hold an MSc, preferably with knowledge in insect behaviour, chemical ecology, and molecular biology. Candidates should be fluent in spoken and written English.

STARTING DATE: As soon as possible, but before September 2012.

APPLICATIONS AND FURTHER INFORMATION

Applications, including a letter of motivation, a CV and 3 referees should be sent before March 15, 2012 by email to: registrar@slu.se, or by regular mail: Registrar of SLU, PO Box 7070, SE-750 07, Uppsala, Sweden, subject (in both cases): Application for PhD position, Chemical Ecology, Dnr ua 297/2012.

More information can be found on our website: <http://ice3.se/Evolutionof.htm> and <http://www.slu.se/en/shortcuts/jobs-and-vacancies/> or can be requested by writing an email to teun.dekker@slu.se and mattias.larsson@slu.se.