



UNIVERSITY OF GOTHENBURG

AVAILABLE POSITION

1th of April 2011 Ref nr PERM 2011/93

The Faculty of Science at University of Gothenburg announces a fixed-term employment as;

Postdoctoral Fellow in Theoretical Biology

at the Department of Physics or the Department of Marine Ecology

Several research groups in Gothenburg address basic evolutionary questions, empirically and mathematically. We have formed a Centre for Theoretical Biology (CTBio) established by the Faculty of Science (University of Gothenburg) in November 2006. The centre brings empirical biologists, mathematicians, and theoretical physicists together. Its goal is to stimulate interdisciplinary collaboration and scientific quality in theoretical biology.

Responsibilities

The appointee is supposed to conduct research independently, and to actively participate in ongoing projects developing coalescent models for meta-populations of a marine invertebrate species, *Littorina saxatilis*. This species is a widely used model for evolutionary studies and comprehensive background data is available (evolutionary ecology, behavior, population genetics and intraspecific phylogeny). The project involves intense collaborations, not only with theoreticians, but also with evolutionary biologists.

Qualification requirements

To qualify as a postdoctoral fellow you must have completed a PhD in a relevant subject area or you must have a foreign degree corresponding to a PhD in a relevant subject area. Preference will be given to candidates who have been awarded the degree no more than three years before the final date of application. Candidates being awarded their degree earlier than this can also be preferred if specific reasons exist. Such specific reasons may be a leave due to illness, parental leave or other similar circumstances.

Assessment

The applicant should have documented familiarity with stochastic models (such as for example branching or coalescent processes) and their computer simulation. A fundamental interest in biological questions is meriting.

Further information about the position

Information about the position can be obtained from;
Bernhard Mehlig, Bernhard.Mehlig@physics.gu.se or
Kerstin Johannesson, kerstin.johannesson@marecol.gu.se or
Carl Andre, carl.andre@marecol.gu.se.

For further information about CTBio, please visit our website at
www.ctbio.science.gu.se/theoretical_biology/.

Extent of employment

The employment is limited to one year full time which may be prolonged one year full time.

Application

Application must include:

- complete curriculum vitae
- doctoral degree certificate
- full list of publications, including submitted and accepted manuscripts
- names and contact information of three referees.

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Applications should be addressed to:

The signed application should be sent electronically as a PDF-file to anstallning@gu.se.

Ref. no. must be specified in the subject line.

The application should be divided into two files; one for the application, CV, certificates and other qualifications and one for the publications cited. Where relevant publications are not in digital form they can be sent separately by post (don't forget to provide a ref. no.) to the following address: Registrar, University of Gothenburg, Box 100, 405 30 Gothenburg.

Mark the application with reference number: **PERM 2011/93**

Applications—in both electronic and paper versions—must have arrived in our offices by the end of **2th May 2011**.

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Trade union representatives:

SACO Martin Björkman, 031-786 3608

SEKO Lennart Olsson, 031- 786 1173

OFR-S Stefan Schedin, 031-786 1167

DEAN