Post doc positions in population dynamics/quantitative genetics

Two postdoc positions are available for 3 years at the Department of Biology, Centre for Biodiversity Dynamics (CBD). The positions are funded by a grant from the FRIMEDBIO-programme, Research Council of Norway, and will be part of the project "Spatial differentiation of a bird metapopulation: quantifying eco-evolutionary dynamics in space", which is led by Professor Bernt-Erik Sæther and involves other researchers at CBD.

Information about the Centre
CBD is a Centre of Excellence (SFF-III) funded by the Research Council of Norway for the period 2013-2023. The research at CBD is cross-disciplinary, mainly in the interface between biology and mathematical sciences, and is divided into three research areas: population ecology, evolutionary biology and community dynamics. Both positions will be located in research groups that have members from the research areas for population ecology and evolutionary biology. Further information about CBD is available at: http://www.ntnu.edu/cbd

Job description
The aim of the project is to examine how local population dynamics and dispersal affect the spatial structure of populations using house sparrows as model organism. We will achieve this by an integrated approach linking ecological and evolutionary processes based on a unified stochastic modelling framework. Our aim is to examine the relative contribution of environmental covariation, interchange of individuals and differences in strength of density dependence for the degree of spatial synchrony of the population dynamics and ongoing phenotypic divergence in space. We expect the results will show that including spatial processes are essential for understanding how natural populations will respond to changes in the environment.

Qualifications
The successful candidates should hold a PhD in biology but candidates with a PhD in mathematical sciences may also be considered if the competence is relevant. We are searching for candidates that can document experience with theoretical or empirical analyses in population dynamics and/or quantitative genetics. Experience with the software R must be documented, and is mandatory. Both candidates will be involved in a network of collaborators both at CBD and internationally and must therefore possess good communication and social skills. The candidates will also be involved in some field work. We seek candidates who are able to work efficiently and goal-oriented, and who are highly motivated for the research.

Terms of employment
The successful candidates should start in May 1 2018, but the starting date is negotiable. The appointment of the Postdoc will be made according to Norwegian guidelines for universities and university colleges and to the general regulations regarding university employees.

NTNU’s personnel policy objective is that the staff must reflect the composition of the population to the greatest possible extent.

The position as Postdoc fellow follows code 1352 and is remunerated according to the Norwegian State salary level. There is a 2% deduction for superannuation contribution.

The application
Applications with CV, certificates from Bachelor, Master, and PhD, publications and other scientific works, certified copies of transcripts, and reference letters should be submitted electronically through link at this page. Applications submitted elsewhere will not be considered.

The reference number of the position is: NT-18/18

Application deadline: March 25th

Further information can be obtained from professor Bernt-Erik Sæther, Centre for Biodiversity Dynamics, NTNU, Tel. +47 90578544, E-mail: Bernt-Erik.Sather@ntnu.no

Jobbnorge ID: 148272, Deadline: The application deadline has passed