UiO : Universitetet i Oslo

The University of Oslo is Norway's oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

Centre for Ecological and Evolutionary Synthesis (CEES) is a research centre and a section at the Department of Biosciences, University of Oslo. CEES combines a broad spectrum of disciplines (population biology, genomics, statistics, mathematical modelling) to foster the concept of ecology as a driving force of evolution via selective processes, with a corresponding influence of evolutionary changes on ecology. CEES has over 180 members (Professors (20), postdocs/researchers (60), PhDs (35), Master's students (40) and technical and administrative staff) and many guest researchers. The members represent 30 nationalities and constitute a vibrant and creative research environment. CEES coordinate several international networks. The budget = 170 million NOK (about 55 externally funded research projects). CEES successfully completed its 10 year status of Centre of Excellence (CoE) in 2017 and is chaired by Professor Nils Chr. Stenseth.

Researcher in Evolutionary Biology and Applied Mathematics - two positions

Two researcher positions, one in Evolutionary biology and one in Applied mathematics are available at the Centre for Ecological and Evolutionary Synthesis (CEES), Department of Biosciences, Faculty of Mathematics and Natural Sciences.

The postions is for a period of two years, with the possibilities of extension.

The appointed candidates will be working on the project "Drivers of evolutionary change: understanding stasis and non-stasis through integration of micro- and macroevolution", which is funded by the Research Council of Norway (RCN) (there will be no compulsory teaching). The PI of the project is Nils Chr. Stenseth (University of Oslo: www.cees.uio.no/stenseth); co-PIs are Jan Martin Nordbotten (University of Bergen: http://www.uib.no/personer/Jan.Martin.Nordbotten), Indrė Žliobaitė (University of Helsinki: http://www.zliobaite.com/) and Mikael Fortelius (University of Helsinki: http://www.helsinki.fi/geo/staff/fortelius/). Both positions will have CEES as their home base, but the appointed candidates will be expected to spend time in Bergen and Helsinki.

Research project

The primary objective of the funded project is to understand to what extent macroevolutionary patterns and changes can be understood as resulting from microevolutionary and ecological processes. By so doing the project aims at bringing together micro- and macro-evolutionary theories. A main objective of the project is to develop common ground between mathematical formulations and biological definitions by developing data proxies and linking them to models. A description of the project can be obtained on request.

Position 1 (Evolutionary biology): To fill one of the opened positions we are seeking a person with solid background in evolutionary biology. Candidates with experience in statistical modelling, computational analysis and/or integration of data-driven analysis with mathematical models of ecological and/or evolutionary processes will be prioritized.

Position 2 (Applied mathematics): To fill the other opened position we are seeking a person with solid background in applied mathematics. Candidates with experience from multi-scale methods, analysis of partial differential equations, and/or scientific computing will be prioritized. Previous experience from mathematical biology is not necessary, but will be advantageous.

The two appointed candidates will be working as a team together with other members of the project. For this purpose we seek highly motivated and enthusiastic persons interested in working in interdisciplinary teams

Requirements

The Faculty of Mathematics and Natural Sciences has a strategic ambition of being a leading research faculty. The successful candidates for the announced positions will be chosen in accordance with this ambition and will be expected to be in the upper segment of his/her class with respect to academic credentials.

The successful candidates must have a PhD degree or the award pending in appropriate fields. The ideal candidates will have a proven record of publishing high-quality research.

Fluent oral and written communication skills in English.

We offer:

- Salary NOK 490 900 - 569 000 per annum depending on qualifications in position as Researcher (position code 1109)
- A professionally stimulating working environment

- Attractive welfare benefits and a generous pension agreement, in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities

The application must include:

- Application letter including a statement of interest, summarizing your scientific work
- CV (summarizing education, positions, academic experience and publication record)
- Copies of educational certificates, transcript of records, letters of recommendation
- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

The application with attachments must be delivered in our electronic recruiting system, please follow the link "apply for this job". Foreign applicants are advised to attach an explanation of their University's grading system. Please note that all documents should be in English (or a Scandinavian language).

According to the Norwegian Freedom and Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The University of Oslo has an agreement for all employees, aiming to secure rights to research results a.o.

The University of Oslo aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

Contact:
For further information please contact: Prof. Nils Chr. Stenseth n.c.stenseth@ibv.uio.no
For questions regarding the recruitment system, please contact HR Adviser Torunn Standal Guttormsen, t.s.guttormsen@mn.uio.no, +47 22854272

Jobbnorge ID: 146362, Deadline: Closed