

A TWO-YEAR POSITION AS AN POSTDOCTORAL RESEARCH FELLOW (SKO 1352) IN ANCIENT DNA AND EVOLUTIONARY GENOMICS OF VIKING AGE PLANTS AND ANIMALS is available at the Centre for Ecological and Evolutionary Synthesis (CEES), Department of Biosciences, Faculty of Mathematics and Natural Sciences, University of Oslo.

Applications are invited for a two-year position as a postdoctoral research fellow (SKO 1352) in the field of ancient DNA and evolutionary genomics at the Centre for Ecological and Evolutionary Synthesis (CEES;

www.cees.uio.no

), Department of Biosciences, Faculty of Mathematics and Natural Sciences, University of Oslo.

The Postdoctoral fellow will be part of the team working on the project "Tracking Viking-assisted dispersal of biodiversity using ancient DNA" funded by the Norwegian Research Council. Application Deadline:

17th of October 2014.

Starting date: Tentatively 01.04.2015 For full announcement, see

<http://uio.easycruit.com/vacancy/1254519/96871?iso=no>

Project description The primary objective of this project is to investigate how Viking trade and agriculture have shaped the genomic composition of plants and animals, and increase our understanding of the evolutionary heritage left in contemporary varieties. We focus on species of profound agricultural, cultural and industrial importance (horse, flax and barley) for which excellent genomic tools have recently been developed. In this project we have access to unique samples from different countries that will be analyzed using whole genome, high-throughput sequencing approaches. The successful applicant will join a multi-disciplinary, international team that brings together experts from the fields of biology, archaeology and palaeontology. Furthermore, this project forms a close collaboration between the CEES, the Natural History Museum (NHM) and the Museum of Cultural History (KHM) at the University of Oslo. **Requirements** Applicants must hold a PhD-degree (or other corresponding education equivalent to a Norwegian doctoral degree) with a background within population genomics, evolutionary genomics and/or ancient DNA research. The candidate should be able to document strong analytical skills and experience in the laboratory. Experience with ancient DNA, analytical or experimental, will be an advantage. The candidate will work in close collaboration with the rest of the team at CEES, NHM and KHM, as well as our national and international partners (Denmark and Great Britain) within this project. Some time will be spent visiting the collaborating partners overseas. We seek a highly motivated, enthusiastic person with the ambition to gain insight and publish papers in leading, international journals, and in possession of good interpersonal skills and willing to work in close collaboration with others. The Faculty of Mathematics and Natural Sciences has a strategic ambition of being a leading research faculty. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials. Please also refer to the regulations pertaining to the conditions of employment for post-doctoral fellowship positions:

<https://www.uio.no/english/about/regulations/index.html>

The Department The Department of Biosciences is the largest unit of biological research in Norway, working on a broad range of theoretical and empirical topics within ecology and evolution at all scales from genomes to ecosystems. Information about the department can be found at:

www.mn.uio.no/ibv/english

The CEES The project will be based at the CEES (www.cees.uio.no), a center for integrative biological research that has been awarded the status of a National Centre of Excellence by the Research Council of Norway. The CEES is based at the Department of Biosciences, University of Oslo and is chaired by Prof Nils Chr. Stenseth. The CEES is also one of the partners in the Norwegian High-Throughput Sequencing Centre (NSC). Furthermore, a brand-new state-of-the-art ancient DNA facility will be opened at the end of 2014. The CEES provides a stimulating research environment, with many young international and Norwegian scientists working on a variety of theoretical and empirical topics within ecology, evolution, population genetics, genomics, phylogenetics, molecular biology, palaeogenetics, and statistical methodology. Language A good command of English is required:

www.mn.uio.no/english/research/doctoral-degree-and-career/regulations/proficiency-requirements.html

The application must include: * Application letter including a statement of interest, briefly summarizing your scientific work and interests, and a personal assessment focusing on how you fit the description of the person we seek * A brief (1 A4) project plan for the research to be undertaken * CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activities) * Copies of educational certificates and transcript of records * A complete list of publications and unpublished works, and up to 5 academic work that applicant wishes to be considered by the evaluation committee * Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number) Foreign applicants are advised to attach an explanation of their University's grading system. Please remember that all documents should be in English or a Scandinavian language. Salary (applicable for the University of Oslo) Pay Grade: 57-65 (NOK 482 800 -559 600 per year, depending on qualifications) The University of Oslo has an agreement for all employees aiming to secure rights to research results a.o.:

<http://www.uio.no/english/for-employees/employment/position/intellectual-rights/>

In accordance with the University of Oslo's equal opportunities policy, we invite applications from all interested individuals regardless of gender or ethnicity. If you have any questions regarding the application procedure or would like to know more about the project, please do not hesitate to contact: Dr Sanne Boessenkool:

sanne.boessenkool@ibv.uio.no

or Dr Anneleen Kool:

anneleen.kool@nhm.uio.no

Application Deadline: 17th of October 2014. Starting date: Tentatively 01.04.2015
Regards, Olaf K. Sund HR Officer Faculty of Mathematics and Natural Sciences University of Oslo