



NTNU

Kunnskap for en bedre verden

The Norwegian University of Science and Technology (NTNU) in Trondheim represents academic eminence in technology and the natural sciences as well as in other academic disciplines ranging from the social sciences, the arts, medicine, teacher education, architecture to fine art. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact.

**The NTNU University Museum
Department of Natural History**

Postdoctoral researcher in environmental barcoding/metabarcoding

The NTNU University Museum is seeking a highly qualified postdoctoral researcher for a project on environmental barcoding/metabarcoding of freshwater invertebrates. The position is for 3 years, preferably with start June 1, 2015. The successful candidate will conduct research on the project "Environmental Barcoding of Aquatic Invertebrates (EBAI)" funded by the Research Council of Norway and the Norwegian Environment Agency with collaborating institutions from Canada, Germany and Norway. The project seeks to develop methodological standards for environmental barcoding of freshwater macro-invertebrates using Next Generation Sequencing (NGS) techniques and reference libraries of standardized DNA barcodes. The project will involve fieldwork as well as work in the laboratory; 2-3 months research at collaborating institutions in Canada (University of Guelph) and Germany (Zoological Research Museum Alexander Koenig, Bonn) respectively is expected.

The successful applicant will have a PhD in biodiversity science (molecular ecology, molecular systematics or closely related fields of evolutionary biology research) and experience with the generation and analysis of NGS-data. It will be an advantage to have experience also with other molecular techniques as well as with work on freshwater invertebrates. Applicants must document good results from their education and later research activity, be goal-oriented and able to deliver results in time. Excellent skills in written and spoken English are needed.

The evaluation of candidates will mainly focus on:

- Documented education and relevant qualifications
- The PhD thesis
- Scientific publications
- References

The NTNU University Museum, Department of Natural History has at the moment 15 faculty positions, 6 temporary research positions and 12 technical and administrative positions. The research is facilitated through two research groups; the Conservation Biology Group and the Systematics and Evolution Group. The Systematics and Evolution Group has its research focus in general questions in systematics and evolutionary biology such as: speciation events, species discrimination, phylogeny, evolution of characters, and distribution of species. The Conservation Biology Group focuses on process related questions (land and water use, plant animal interactions, habitat destruction and fragmentation) and the distribution of species in space and time. The group also have an applied research profile and works towards nature management authorities and stakeholders, at levels from populations to ecosystems. Research areas in common of the groups include biogeography/phylogeography and conservation biology.

More information about the department and the position can be obtained from Head of Department Torild Bakken phone: +47 73 59 23 82, e-mail torild.bakken@ntnu.no; associate professor Torbjørn Ekrem, phone: +47 73 59 78 12, e-mail torbjorn.ekrem@ntnu.no.

Salaries

The Postdoctoral position follows code 1352, starting grade 57, gross NOK 482 500 per annum (before tax). Higher start salary can be negotiated for exceptionally well-qualified candidates. There will be a 2 % deduction to the Norwegian Public Service Pension Fund from gross salary.

Other information

NTNU is an equal opportunity employer and welcomes applicants from both EU/EEA and non-EU countries. The university is strongly committed to diversity within its community and welcomes applications from members of ethnic minorities.

NTNU would like to increase the percentage of female scientists in academic positions.

The appointment is to be made in accordance with the regulations in force concerning State Employees and Civil Servants.

All applications must include a letter of interest, certified copies of academic transcripts, CV, a list of publications and statements from two references. Copies of scientific papers should be attached as well as a short explanation of the applicant's contribution in cases where there are more than one author. The application must be submitted electronically through this page (reference VM2015/1522). Application deadline: February 15, 2015.

Jobbnorge-ID: 109370, Søknadsfrist: Avsluttet