NTNU
Norwegian University of Science and Technology

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 and humanities, medicine, teacher education, to architecture. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact.

Associate professor of molecular biodiversity

The Onsager fellowship programme - 12 tenure-track positions available at NTNU

The Onsager Fellowship programme at NTNU is designed to attract the most talented scholars with an established reputation for high quality research and a commitment to learning and teaching at university level. NTNU is now announcing 12 tenure-track positions.

Qualification requirements

The successful candidates must have a strong academic record, an active research programme, an academic standing that demonstrates an internationally competitive research profile, and internationally recognized potential to make a future impact. Moreover, the ideal applicant should have an exceptional publication record with significant first/senior authorships. Applicants must also have spent significant time in research institutions outside Norway.

The successful applicants are expected to build up their own groups and interact with other groups in their department as well as internationally. The position will include a start-up package, mentorship and support for applying for additional funds. We expect that the candidate will be able to secure substantial additional funding (such as ERC starting grants or similar).

Applicants must hold a PhD and will primarily be evaluated on the basis of their documented international scholarly achievements. The PhD should have been awarded no more than 5-6 years prior to the application deadline.

Teaching qualifications are not mandatory, but documented teaching qualifications and experience will be considered an advantage. Outreach qualifications of applicants, including the ability to attract external funding, will also be taken into account and considered an advantage.

Following the application dedline, a shortlist of applicants will be drawn up, and all applicants will be informed wether they are placed on the shortlist. Shortlisted applicants will be reviewed by an external academic committee. The top candidates will be invited for a campus visit.

The NTNU tenure-track programme

The tenure-track associate professor’s duties will primarily include research, including obligations with regard to publication/scientific communication and research-based teaching with associated examination obligations. To a limited extent, the position may also include other duties.

In the NTNU tenure-track programme, associate professors are subject to two types of review during the tenure-track period:

- a mid-career assessment after 3-4 years
- a final tenure assessment after no more than 6 years

The overall purpose of the review system is to ensure and maintain the high academic standards of the university’s senior faculty staff. To help meet these standards, the associate professor is offered a mentor.

During the employment period as a tenure-track associate professor, the appointee must participate in the formal pedagogical training programme to qualify for a permanent position.

The appointee's performance will be evaluated after no more than 6 years of employment and, if the ‘final appraisal’ is positive, s/he will be employed as a full-time professor.

The NTNU University Museum, Department of Natural History

Associate professor of molecular biodiversity

The NTNU University Museum is seeking a highly qualified and motivated candidate for an associate professor position in molecular biodiversity. The position is part of NTNU's strategic focus on young, ambitious and excellent researchers (the “Onsager fellowships”) and is financed for 6 years. After this time it is expected that the candidate will obtain full professor qualifications and permanent employment.

The position in molecular biodiversity is central in the Department of Natural History’s strategy for further increasing the use of next generation sequencing data in studies of patterns and changes of biodiversity in time and space. More specifically, the successful candidate will carry out cutting-edge research within the field of evolutionary and environmental genomics, and extensive experience in handling and analysing complex genomic data sets using custom scripts and open source tools is expected. Background in population genomics, phylogenetics and

proficiency in statistics is considered essential. The candidate must have experience in team-work and is expected to be working with broad research topics within evolutionary biology and ecology.

The successful applicant will have a strong interest in evolutionary biology and a PhD in biodiversity science (molecular ecology, molecular systematics or closely related fields of evolutionary biology research) or bioinformatics. Experience in analyses of different types of molecular data is an advantage. Applicants must document excellence in research during and after completed PhD, be goal-oriented and able to deliver results when expected. Excellent skills in written and spoken English and creative problem-solving abilities are expected.

Selection criteria:

- Scientific excellence documented through peer-reviewed publications.
- Experience with project acquisition and management.
- Relevance of research area in relation to the NTNU University Museum research strategy.
- Experience with teaching and supervision is an advantage.

In addition to what is listed as qualifications for the Onsager Fellows, for the Museum position it is expected that the successful candidate during the first 6 years:

- Develops and submits one or more competitive project applications to the European Research Council.
- Develops and submits project applications to the Research Council of Norway and similar funding sources.
- Develops an active research group at the museum that contributes to relevant leading international networks.
- Teaches at NTNU, the Research School in Biosystematics (ForBio) and the Nordic Academy of Biodiversity.
- Contributes to the development of qualitative and innovative teaching resources in molecular biodiversity at the international level.
- Fulfils the requirements for formal pedagogical competence at university level (PEDUP).
- Participates in public outreach activities.

The NTNU University Museum, Department of Natural History has 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 and delineation, phylogeny, character evolution, population genetics, phylogeography, DNA barcoding, archaeological genetics, and distribution of species in time and space. The Conservation Biology Group focuses on process related questions (land and water use, plant animal interactions, habitat destruction and fragmentation) and ecological biogeography. The group also has an applied research profile and works towards nature management authorities and stakeholders, at levels from populations to ecosystems.

More information about the department and the position can be obtained from Head of Department Torkild Bakken, phone: +47 73 59 23 82, e-mail torkild.bakken@ntnu.no; Professor Hans K. Stenøien, phone: +47 73 59 22 84; e-mail hans.stenoien@ntnu.no; Professor Torbjørn Ekrem, phone: +47 73 59 78 12, e-mail torbjorn.ekrem@ntnu.no.

Salaries

The associate professor position follows code 1011 starting grade 57-77, gross NOK 482 800-710 400 per annum (before tax). There will be a 2 % deduction to the Norwegian Public Service Pension Found 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 complete list of publications and statements from three references. Copies of the considered 10 most important scientific papers should be attached as well as a short explanation of the applicant's contribution in case where there is more than one author. The application must be submitted electronically through www.jobbnorge.no (reference VM2015/6026).

Application deadline: 25 May 2015.

Jobbnorge ID: 112322, Deadline: Closed