



**Jobbnorge ID:** 226631

**Deadline:** 6/22/2022

**Website:** <https://uit.no/startside>

**Scope:** Fulltime

**Duration:** Permanent

The Arctic University Museum of Norway and Academy of Fine Arts (UMAK)

## Associate professor in archaeogenomics

### The position

The Arctic University Museum of Norway has a vacancy for a position as associate professor in archaeogenomics. The position is affiliated with the newly established [UiT- Aurora Centre for Arctic Ecosystem Genomics](#) (ArcEcoGen). The position is located in [Tromsø](#) #tromsolove. The successful candidate is required to begin work within a reasonable time, and no later than within six months after receiving the offer.

[The Arctic University Museum of Norway](#) (UM) is North Norway's oldest scientific institution, established in 1872. In 1976, the museum became part of UiT The Arctic University of Norway. The museum's main tasks are research and research communication, development and preservation of scientific collections, dissemination, management and teaching. Both natural and cultural science materials are collected from all over Northern Norway and polar regions. The cultural field includes Sami culture and history, polar history, human-animal relationships, museology, and archeology. The natural sciences include botany, zoology, and palaeontology, and focus research on biodiversity of northern region both in the past and the present using environmental DNA (eDNA), and traditional methods. UM also consists of Tromsø Arctic Alpine, Botanical Garden, the Polar Museum, and MS Polstjerna.

[ArcEcoGen](#) focus on the combined effect of humans, climate, and biota on northern ecosystem dynamics in the past, present, and future using genetic approaches. A key goal of our group is to build up a diverse, rigorous, & internationally leading research group in ecosystem genomics. We have large collections of northern organisms and archaeological material that we use for research and generating DNA reference libraries. Our collections also include sediment samples from arctic and alpine lakes as well as DNA extracts from sediments, organisms, and archaeological sites. We also have fully equipped laboratories and infrastructure for recovery and analyses of modern, ancient, and eDNA, as well as field equipment for sediment coring and site investigations.

### The position's field of work

In regard of research the person to be hired is expected to

- develop our research in affiliation of ancient DNA (aDNA) to archaeology with special reference to northern artefacts and environments
- strengthen the museum in the field of scientific archaeology and aDNA by providing skills in topics as proteomics, bioinformatics, archaeozoology, archaeobotany, ecology, palaeoecology and statistics
- contribute to the overall research focus of assessing the key processes and synthesizing the effects of biota, human land use and climate change using new molecular data combined with traditional Archaeological proxies, involving the investigation of niche construction over time that includes anthropogenic influence
- contribute to knowledge of aDNA to all archaeological materials (organic and inorganic) and/or sedimentary ancient DNA (sedaDNA) to archaeological sites

In regard of museal dissemination the person to be hired is expected to

- be curating our archaeological collections and disseminating research to a wider public to have wider impact beyond academia
- will work closely with the Collections Manager on activities relating a currently development of the Collections Management System, including taking part in the museal work towards a digital transformation of the collections

### Contact

Further information about the position and UiT is available by contacting **Professor Antony Brown**, Email: [antony.g.brown@uit.no](mailto:antony.g.brown@uit.no), **Researcher Stephen Wickler**, Email: [stephen.wickler@uit.no](mailto:stephen.wickler@uit.no), **Professor Inger Greve Alsos**, Email: [inger.g.alsos@uit.no](mailto:inger.g.alsos@uit.no), or **Head of Department Geir Rudolfson**, Email: [geir.rudolfson@uit.no](mailto:geir.rudolfson@uit.no).

### Qualifications

Required qualifications:

- A norwegian doctoral degree in archaeology or a subject relevant to archaeological science and the research description, or a corresponding foreign doctoral degree recognized as equivalent to a Norwegian doctoral degree, or competence at a corresponding level documented by academic work of the same scope and quality in the subject area.
- A research profile with relevant experience in genetic applications (such as, but not limited to, DNA barcoding and metabarcoding) to any area of archaeology (e.g. analysis of artefacts, environmental archaeology, archaeozoology, archaeobotany).
- An upward academic trajectory and strong potential to execute competitive research projects at a high international level.
- A relevant and strong publication record, and with a clear vision for developing an independent museum-based research program.
- A university teaching qualification equivalent to the Norwegian requirements for pedagogical competence in higher education, or a broad teaching portfolio. If the pedagogical competence can be acquired within two years of appointment, those who do not satisfy the requirements may be appointed on a permanent basis on the condition that they satisfy the requirements within two years of appointment. This applicants shall not be ranked based on pedagogical competence.
- Competence in museal dissemination may replace the requirement for the university teaching qualifications, assessed based on the the following criteria:
  - Research communication and dissemination to a broad target group (which varies in terms of age, experience, level of knowledge, local population, or tourists), as well as dissemination to various media.
  - Multimedia research communication and dissemination with particular devices (text, film, space, visuality, sound and light).
  - Guided tours of the exhibitions, development, and adaptation for different target groups, including adapted teaching during courses at UiT.
  - Development, planning and implementation of exhibitions.
  - Development, planning, and implementation of various events aimed at the general public, such as seminar series, debates, and popular science lectures.
  - Make available and disseminate scientific collections to research, administration, and the public.
  - Larger development projects associated with the collections.
  - Leadership of and participation in interdisciplinary teams in connection with research communication.
  - Editorial work (catalogues, popular science journal).
  - Reflection over the choice of devices and forms of presentation.
- Fluent English language skills (written and spoken), and a willingness to learn Norwegian within a minimum of two years of appointment if you do not have competence in one of the Scandinavian languages.
- Personal qualities in regard of
  - ability to create and contribute to a well-functioning, inclusive and productive research environment and perform research that inspires synergistic interactions with current research at the museum in one or more parts of the archaeological collections
  - networking skills, ability to collaborate and conduct scientific leadership
  - ability to cooperate and communicate well with other members of staff
  - being willing to get involved in the ongoing development of their department and the university as a whole.

It is considered an advantage to have

- research experience in Nordic archelogy
- field experience of archaeological excavations and scientific sampling
- teaching and supervision skills of master's and PhD students for those who do not hold basic pedagogical competence
- a track record of disseminating research through a variety of media to scientific and public audiences
- a track record of acquired funding
- experience of outreach
- a personal fit to the team and teamwork skills
- experience in management of archaeological collections
- leadership experience from research groups or projects
- command of a Scandinavian language

UiT prioritises the quality, relevance, and meaning of academic work, not its means of publication, in keeping with the principles of The San Francisco Declaration on Research Assessment ([DORA](#)).

## The application procedure

The application will be assessed by an expert committee, who will evaluate the applicants' qualifications on the basis of application materials, and the job description. For qualifications in regard of museal dissemination - A total assessment shall be implemented whereby the candidates are assessed based on all the criteria. However, it is not a requirement for all the criteria to be satisfied.

The application should include:

- a cover letter including a short description of interests and reasons for applying for the position
- a CV containing a complete overview of experience, professional work, and references
- diplomas, diploma supplements and transcripts (all degrees, in original language and translated)
- two-three references with contact details
- a list of teaching experience, and documented teaching competencies, either in the form of a teaching qualification (including the course description of the programme studied) or with a collected presentation in the form of a teaching portfolio. ([More details](#) - available in Norwegian only).
- documented competence in museal dissemination (written or audio-visual documentation, e.g. by selecting representative elements of texts, programmes, images, catalogues, exhibitions, etc. must be presented for each of the above-mentioned criteria. This may be accompanied by a reflection over one's own views of knowledge and learning grounded in pedagogical theory and of relevance for one's own museal dissemination. The material shall be compiled in a portfolio, like a teaching portfolio)
- a list of your academic production
- description of your academic production, stating which works you consider most important
- the academic works (published or not) you wish us to take into consideration in the assessment
- documentation of language competencies. ([More information](#) on how to document your language skills).

The application and supporting documentation must be in English or a Scandinavian language. The application and attachments should be submitted electronically via [www.jobbnorge.no](http://www.jobbnorge.no)

The applicants evaluated as being best qualified for the position will be called to interview. The interview will include a discussion of the applicant's motivation for the position, as well as their personal suitability for the position. Applicants called to interview will also be required to undertake a teaching demonstration.

## We can offer

- R&D sabbatical conditions which are considered some of the best in the country
- good welfare arrangements
- good pension, insurance, and loans through the Norwegian Public Service Pension Fund

The position of associate professor is remunerated at level 1011 on the Norwegian state salary scale. A compulsory contribution of 2 % to the Norwegian Public Service Pension Fund will be deducted.

Working arrangements at UiT are flexible and can be adjusted to individual requirements. For this position you will spend an equal amount of time on research and on museal dissemination after time spent on other duties has been deducted. Up to 5% of work time can be allocated to administrative tasks.

## An inclusive and diverse workplace

UiT The Arctic University of Norway aims to reflect societal diversity in its recruitment and hiring policies, in order to make the most of the potential of all members of society.

We believe that inclusivity and diversity are strengths, and we seek to employ colleagues with a wide range of competencies, expertise, life experience, and perspectives.

Applicants with disabilities, gaps in their CVs, or immigrant backgrounds are encouraged to tick the appropriate box during the application process. If applicants from these groups are evaluated as qualified for the position, at least one from each group will be called to interview. If an applicant from one of these groups is offered the position, we will adapt the working conditions if needed. The information sent with all applications is used only for the purposes of assessing and choosing candidates, and for anonymous statistical monitoring. [More information](#) - available in Norwegian only.

## General information

The appointment is made in accordance with Norwegian state regulations and guidelines at UiT. [More information](#).

For more information about moving to Norway and working at UiT, see: <http://uit.no/mobility>.

All personal information provided with the application will be handled in accordance with Norwegian laws on freedom of information. Applicants can request that their names be withheld from the list of applicants. However, the university can still choose to include the applicant's name on the list. Should this situation arise, the applicant will be informed prior to the circulation of the list of applicants.

## UiT - Developing the High North

UiT is a multi-campus research university in Norway and the northernmost university in the world. Our central location in the High North, our broad and diverse research and study portfolio, and our interdisciplinary qualities make us uniquely suited to meet the challenges of the future. At UiT you can explore global issues from a close-up perspective.

Credibility, academic freedom, proximity, creativity, and commitment are the hallmarks of the relationship between our employees, between our employees and our students, and between UiT and our partners.

## Additional information

### Place of service:

Hansine Hansensvei 18 9008 Tromsø (Tromsø - Romsa Municipality)