Associate Professor in Mineralogy

General information about the position

The Natural History Museum (NHM), University of Oslo, seeks an active researcher with a strong publication record for a fulltime position as Associate Professor within the field of mineralogy and crystallography. The position will be in the Department of Research and Collections, within the Norwegian Centre for Mineralogy Research Group, which has the curatorial responsibility for minerals, gems, rocks and meteorites.

The ideal candidate has proven experience with modern analytical techniques for characterising minerals, especially within crystallography and crystal chemistry. The main research will be on the crystal chemistry of naturally occurring minerals and their systematics. Research that is relevant for NHMs collections and their development is expected. The candidate is expected to be able to define their own research projects and secure external funding. The in-house infrastructure includes a Rigaku Synergy-S single-crystal diffractometer as well as a D5005 powder diffractometer and an SEM.

NHM has a collaboration agreement with the Department of Geosciences on teaching and supervision of students at the bachelor and master's levels, and with the Faculty of Mathematics and Natural Sciences for supervision of doctoral candidates. The successful candidate is expected to participate in teaching at all levels and be a capable and enthusiastic supervisor of master's and PhD students.

Up to 50% of the working time will be devoted to curating collections (main activity), teaching and supervision of students, outreach and administrative tasks at NHM. Lectures and tuition are given in Norwegian and English. Foreign language speakers are expected to be able to teach in a Scandinavian language within two years after being hired.

The successful applicant is expected to become an active member of the Natural History Museum.

Qualification requirements

- A PhD degree in mineralogy, geology or inorganic chemistry
- Proven ability of collecting, solving and refining mineral crystal structures
- A recent publication record within the topic of the position
- An upward academic trajectory and strong potential for competitive research projects at a high international level
- Excellent English language skills (written and spoken)

Preferred skills

- Familiarity with spectroscopic techniques (e.g. IR and Raman spectroscopy)
- Experience with large-scale research infrastructures
- Collections-based research

- Teaching and supervision skills of master's and PhD students

Personal skills

- High interest in the research topic
- Interdisciplinary mindset
- Collaborative and open attitude
- Team player and quick learning
- Ability to work independently in a well-organized, attention-focused and timely manner
- Ability to express yourself, orally and written, in a clear and concise way

Formal regulations

The basis for assessment will be the scholarly production of the applicant, other qualifications, pedagogical or educational, the applicant's qualifications within leadership and administration as well as the general personal suitability. In ranking the competent applicants, the full range of qualifications will be considered and explicitly assessed. Cf. the Rules for appointments to Associate Professorships.

The successful candidate who at the time of appointment cannot document basic teaching qualifications will be required to obtain such qualifications within a two-year period. Please see rules for practising the requirement for basic university pedagogical competence at UiO.

The successful candidate must demonstrate mastery of both English and one of the Scandinavian languages as working languages. If an appointee is not fluent in a Scandinavian language, the appointee will be expected within a two-year period to learn sufficient Norwegian to be able to participate actively in all functions the position may involve.

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

The University of Oslo has a goal of recruiting more women in academic positions. Women are encouraged to apply.