

Utlysning av 1.amanuensisstilling i organisk NMR

Vacancy title:

A full-time position at the Associate Professor level is available at the NMR laboratories, located in the Section for Organic Chemistry at the Department of Chemistry.

About the Department and what we are looking for in this position:

The Department of Chemistry at the University of Oslo is Norway's largest institution within research and education in chemistry. Our research excels internationally and we educate students to a wide range of jobs in industry, academia, research institutions, schools, and public administration.

Our research ranges from the fundamentals of chemistry, including synthesis and characterisation of compounds and materials, to applied science within the environment, health, energy, and materials. The Department has extensive contacts with industry, research, and educational institutions domestically and abroad. The Department of Chemistry has a dedicated own school laboratory serving as a resource for teachers, public outreach, and the didactics of chemistry.

The department seeks a person who will be a potential scientific leader as well as future operating leader for the NMR laboratories, and who has clear research visions, educational and administrative skills, and abilities to establish and lead research projects. The candidate should be a chemist in an early stage of his/her career, who will contribute to strengthen our research and education connected to NMR spectroscopy.

The NMR laboratory is well-equipped with state of the art instrumentation from 200 to 800 MHz. Detailed information about the instrument park and the NMR laboratory is given at <https://www.mn.uio.no/kjemi/english/research/infrastructure/nmr/>. The laboratory serves users at the Department of Chemistry (organic chemistry, catalysis, biochemistry, materials science), Department of Pharmacy, Department of Biosciences, and a large number of external users from the academic, research institute, and industry sectors.

The research areas, scientific activities, and teaching duties for this position will be mostly related to low molecular weight compounds. Specifically, the person hired must be well qualified in NMR spectroscopy and have extensive research experience in organic synthesis, mechanisms, reactivity, and adjoining areas. The person will have a permanent responsibility for running the NMR laboratory (superior responsibility for the daily operation, routines, technical maintenance, renewal and upgrading of the instrument park, and so on).

General information about the position:

Applicants must document academic qualifications in their field, equivalent to an Associate Professor position. The successful applicant must be able to teach at all levels and to supervise Master and PhD students.

The successful applicant may furthermore be required to take on other teaching duties and administrative tasks, by request from the Department of Chemistry or the Faculty of Mathematics and Natural Sciences.

Qualification requirements:

The candidate must have a PhD in organic chemistry or a closely related research field, and have extensive research experience with advanced uses of NMR spectroscopy. Moreover, the successful candidate must have actively conducted research in NMR spectroscopy and organic chemistry after the reception of the doctorate degree, and document scientific achievements and experience in education and research supervision and leadership.

- The successful applicant must have completed a PhD in organic chemistry or closely related areas, and have a strong scientific track record which documents the use of advanced NMR spectroscopy in this research.
- The candidate should have expertise in organic, molecular NMR spectroscopy, well documented in the scientific track record.
- For appointments to associated professorships the requirement is considerable scientific production beyond what is required for a doctoral degree.
- Scientific qualifications will play a major role, and the main emphasis will be on the candidate's scientific production and trends from the last five years.
- Pedagogical qualifications and teaching and supervision experience at all levels will be an important factor in the evaluation process, and should be well documented in a teaching portfolio. The applicant should describe her/his qualifications in view of the Scholarship of Teaching and Learning (SoTL) framework which includes:
 - Focus on student learning
 - A clear development over time
 - A researching approach
 - A collegial attitude and practice

The successful applicant must have fluent oral and written communication skills in both a Scandinavian language and in English. A potential successful candidate who at the time of appointment cannot document sufficient teaching qualifications (minimum formal requirement is a 200-hr pedagogical programme) will be required to obtain such qualifications within a two-year period.

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 required to learn sufficient Norwegian within a two-year period, to be able to participate actively in all functions the position may involve.

Desirable qualifications:

- Candidates should be able to establish, lead, and conduct research projects, also as a collaborator. A track record in scientific and administrative leadership is an advantage, as well as participation in the acquisition of research grants.
- Experience in solid state NMR, cross-disciplinary collaboration and collaboration with industry is an advantage.
- International network, outreach activities, collegiality, and the ability to create a good working environment will be part of the evaluation.
- The person appointed will be requested to take on some administrative duties. Hence, such experience will be an advantage.

Personal qualities:

- Ability to create and contribute to a well-functioning, inclusive and productive research environment.
- Networking skills, ability to collaborate and conduct scientific leadership.
- Ability to cooperate and communicate well with other members of staff.

The successful candidate should have an international profile with respect to the above criteria. The candidate for this position will be selected based on excellence and fit with the desired research profile.

We offer:

- Salary NOK 637 900 – 702 100 per annum depending on qualifications in a position as Associate Professor (position code 1011).
- A professionally stimulating work environment.
- Attractive welfare benefits and a generous pension agreement, in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities.
- The opportunity to apply for promotion to full professorship at a later stage.

How to apply:

The application must include:

- Application letter.
- A research position paper (1-4 pages) describing the applicant's vision and scientific ambitions for the nearest future.
- A detailed CV, including a complete list of education, positions, pedagogical experience, administrative experience, project acquisition and coordination experience, and other qualifying activities.
- Copies of educational certificates, PhD diploma, transcript of records and letters of recommendation.
- A complete list of publications and academic merits and awards (if not included in the CV).
- Full text of up to 10 selected scientific publications the applicant wishes to include in the evaluation.
- A document discussing the importance, interrelation, and relevance of the selected papers for this position.
- Educational portfolio of 3-6 pages documenting educational competence and experience, including a reflection note in which your own teaching practice and view of learning is anchored in the SoTL framework (focus on student learning, development over time, a researching approach and a collegial attitude and practice).
- List of reference persons: 2-3 references (name, relation to candidate, e-mail and phone number).

The application with attachments must be submitted in our electronic recruiting system; please follow the link "apply for this job". Please note that all documents should be in English (or a Scandinavian language).

Formal regulations:

As a general rule an interview will be used in the appointment process, usually supplemented with a trial teaching session. The basis for assessment will be the scientific production of the applicant, the teaching portfolio, pedagogical and educational qualifications, the applicant's qualifications within leadership and administration, other qualifications as well as general personal suitability for the position. In ranking the competent applicants, the full range of qualifications will be considered and explicitly assessed.

Rules for appointments to associate professorships.

<https://www.uio.no/english/about/regulations/personnel/academic/rules-appointment-professor.html>

Rules for the assessment and weighting of pedagogical competence for appointments to permanent academic posts which include teaching duties:

<https://www.uio.no/english/about/regulations/personnel/academic/rules-basic-pedagogical-competence.html>

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 aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds. Women are encouraged to apply.

The University of Oslo has an agreement for all employees, aiming to secure rights to research results, see: <http://www.uio.no/english/for-employees/employment/work-results/>

In addition, the University of Oslo aims for its employees to reflect the diversity of the population to the greatest degree possible. We therefore encourage qualified applicants with disabilities or gaps in their CV to apply for the position. The University of Oslo will adapt the workplace to suit employees with disabilities. Applicants who indicate that they have disabilities or gaps in their CV are made aware that this information may be used for statistical purposes.

Contact persons:

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[Application deadline: minimum of four weeks from announcement](#)