



Helsinki, Finland, May 20, 2021

Professor or Assistant/Associate Professor in Analytical Chemistry

The University of Helsinki is among the leading multidisciplinary research universities in the world. In addition to its 11 faculties, the University includes several independent institutes, some of which are jointly operated with other universities. Some 35,000 students are currently pursuing an undergraduate or a postgraduate degree at the University of Helsinki.

As a part of the Faculty of Science, the Department of Chemistry has a wide profile and it carries out international level research in three research programs, i.e., materials chemistry, synthesis and analysis, and molecular science. The Department operates on an annual budget of 20 million euros and reports more than 200 FTE person-years per annum. The Department has 15 tenured professors and 2 tenure-track associate professors. More details on the Department of Chemistry: <https://www2.helsinki.fi/en/faculty-of-science/faculty/chemistry>.

The Department of Chemistry at the Faculty of Science at the University of Helsinki invites applications for a

PROFESSOR OR ASSISTANT/ASSOCIATE PROFESSOR

The field of the position is analytical chemistry, and it will be based on the Synthesis and Analysis research program at the Department of Chemistry. The aim of this position is to strengthen fundamental and experimental studies in analytical chemistry, contribute to science and teaching of advances and development in analytical techniques, and analysis methods in fields such as separation sciences and mass spectrometry. Knowledge of integration of different computational and analytical methods for handling of large data sets in various applications is also appreciated.

Successful candidates are expected to create collaborative links with other scientists of the faculty and establish a strong network of national and international cooperation. The candidates should also actively pursue both national and international research funding opportunities and participate in the interaction between science and society at large.

The teaching area of the position is chemistry and the person chosen for the position will teach and develop teaching within the chemistry curriculum on BSc, MSc, and doctoral levels.

Qualifications

The appointee must have broad experience in fundamental of analytical chemistry and development of analytical techniques and their application to various analysis tasks and is expected to conduct research on an internationally high level. To successfully attend to the duties of the position, the appointee must be fluent in English.

The successful applicant may be appointed to a permanent full professorship or a fixed-term assistant/ associate professorship (tenure track), depending on his or her qualifications and career stage. For more information on the career path and a description of the tenure track model at the



University of Helsinki, please see <https://www.helsinki.fi/en/about-us/careers/academic-careers/tenure-track>.

A professor must hold a doctoral degree in Chemistry or other relevant field and have high-level academic qualifications and experience in heading scientific research. The professor must also be able to provide research-based teaching of high quality, supervise dissertations and theses as well as show evidence of international cooperation in the field.

An assistant/associate professor must hold a doctoral degree in Chemistry or other relevant field and have demonstrated ability for independent scientific work as well as teaching skills required by the position. Furthermore, the successful candidate is expected to have competence and motivation for scientific career proven by scientific publications and other academic activities.

When assessing the qualifications of each candidate, attention will be paid to scientific publications and other research results of scientific value, teaching experience and pedagogical training, the ability to produce teaching materials, other teaching merits, and, if deemed necessary, teaching skills as demonstrated in a lecture as well as participation in doctoral education. Furthermore, attention will be paid to the applicant's activities within the research community, success in obtaining research funding, research work abroad and elected positions in international organizations.

Salary and benefits

The University will offer the appointee a challenging career opportunity in top-level research and research-based teaching, possibilities for international collaboration, and for the appointed assistant/associate professor prerequisites to grow into full professorship. In addition to the funding possibilities offered by the national funding agencies, the Faculty of Science opens calls on a yearly basis for infrastructure funding. The selected person will also get a startup package of about 160 000 EUR.

The annual gross salary for assistant/associate professors typically amounts to 60,000 - 72,000 euros and for professors to 72,000 – 92,000 euros.

The University of Helsinki offers comprehensive services to its employees, including occupational health care and health insurance, sports facilities, and opportunities for professional development. The University provides support for internationally recruited employees and their family members with their transition to work and life in Finland. For more on the University of Helsinki as an employer, please see <https://www.helsinki.fi/en/about-us/careers>.

How to apply

Applications must have the following enclosures as a one single pdf file (in English):

- 1) A cover letter
- 2) An academic portfolio that is prepared according to the guidelines of the Faculty (as set out at <https://www.helsinki.fi/en/faculty-of-science/faculty/join-us/academic-p...>), comprising a presentation on how the applicant plans to develop her/his field and its teaching, and a list of publications

Please submit your application through the University of Helsinki Recruitment System via the link "Apply for the position". <https://www2.helsinki.fi/en/open-positions/professor-or-assistant-associate-professor-in-analytical-chemistry>

Women and other underrepresented groups are encouraged to apply.



The deadline for applications is June 30, 2021.

At the Faculty's request, short-listed applicants should prepare to submit up to 10 publications of their choice to be sent to external assessors after the application period.

Further information

Further information may be obtained

- About the position and operational environment from Professor Heikki Tenhu, Head of the Department of Chemistry, heikki.tenhu@helsinki.fi
- About the recruitment process, tenure track model and academic portfolio: HR Specialist Jussi Hartikainen (jussi.a.hartikainen@helsinki.fi)

Due date

30.06.2021 23:59 EEST