



Professor of health informatics

Reference number: HR-2024/357

Welcome to Linnaeus University! Here you'll meet 2 200 staff members and 40 000 students, all united in following the vision to set knowledge in motion for a sustainable societal development. With us, research and education are conducted with an eye towards the future. Our proximity to the business world, both locally and globally, gives us a wide reach and the ability to create change that makes an impact. All that's needed is a place where ideas have the space to meet and grow. That's what we've created – and you are invited.

Change starts here!

The Faculty of Health and Life Sciences is one of five faculties at Linnaeus University. We provide education, conduct research, and engage in collaboration in the fields of health, healthcare, and natural sciences.

The Department of Medicine and Optometry conducts research and provides education in eHealth, medicine and optometry with a total of 27 staff members. The department is home to [the eHealth Institute](#), a dynamic, interdisciplinary knowledge and learning environment that coordinates the field of eHealth within the university and runs research and evaluation projects focusing on user and citizen benefit. The eHealth Institute collaborates with numerous external partners in regions, municipalities, research institutes, universities, and companies, but also internally, with Linnaeus University's frontier research environment, [the Linnaeus University Centre for Data Intensive Sciences and Applications \(DISA\)](#), and the knowledge environments [Sustainable Health](#) and [Digital Transformations](#). Additionally, the eHealth Institute also offers 60- and 120-credit master's programmes, freestanding courses and contract education in eHealth.

An important external collaboration partner in eHealth is Region Kalmar County, a partnership that has existed for many years. Linnaeus University and Region Kalmar County are now making [a major joint investment between 2024 and 2032](#), aimed at creating a robust eHealth ecosystem in Kalmar County of national and international renown.

Subject area for the position: Health informatics in the knowledge domain of healthcare (clinical informatics)

Location until further notice: Kalmar

Hours: Full time

Start date: As agreed upon.

Job description

This professorship is part of the major collaborative initiative on eHealth and will initially be funded by Region Kalmar County. Responsibilities include contributing to the creation of a nationally leading joint knowledge and research environment of international renown, building on existing joint structures and initiatives. Key areas of development within eHealth include artificial intelligence and other advanced analyses of health data, patient self-care/self-monitoring/sensor technology, remote healthcare, and automation. Locally within the county, this environment is also intended to enhance attractiveness for employees, students, and companies within the cluster being developed around the eHealth Arena, as well as contribute to freeing up time for accessible, resource-efficient, high-quality healthcare for both residents and healthcare staff.

A graduate school with several doctoral students is planned within the research environment, and several postdoctoral researchers will also be affiliated with the environment. In the long term, the environment is expected to become financially self-sustaining through substantial external funding grants, where the professor is expected to be a driving force.

The duties also include teaching at the bachelor's, master's, and doctoral levels. Additionally, the role involves conducting clinical studies, providing academic leadership, and staying updated on developments within the field as well as on societal advancements relevant to the collaboration between Linnaeus University and Region Kalmar County.

Qualifications

According to the Higher Education Ordinance (Chapter 4, Section 3), anyone who has demonstrated research as well as teaching expertise is qualified for the position of professor. For this position, the applicant must also meet the following requirements:

- comprehensive knowledge of and experience with Swedish healthcare organisation and administration
- documented ability and drive to connect the fields of technology and healthcare
- documented ability to collaborate across healthcare, social care, industry, and academia.

Assessment criteria

The assessment criteria for appointment as a professor shall be the degree of the expertise required as a qualification for employment. As much attention shall be given to the assessment of teaching expertise as to the assessment of research expertise. Good collaborative skills and other qualifications necessary for fulfilling the duties of the position are considered assessment criteria according to Linnaeus University's appointment procedures. Clinical experience and strong oral and written communication skills in both Swedish and English are also qualifying.

A guiding principle in the assessment of *research expertise* is that such expertise must have been demonstrated in terms of quality as well as quantity, in independent, active research performed in accordance with established national norms. This places high demands on the applicant's academic production in terms of volume, originality, scope, and impact on the subject area. It is also seen as an advantage if the candidate can provide documented evidence of:

- strong ability to plan and lead research activities, projects, and research groups
- strong ability to attract competitive research funding at both national and international levels
- national and international research, with publications in established journals/conferences
- strong ability to communicate research both within the research community and to the wider community
- significant research on the opportunities and challenges of eHealth in healthcare and social care, focusing on quality, safety, and accessibility
- significant research on the potential of health data to create efficient, equitable, individualised, and information-driven care
- experience in conducting clinical studies
- experience in research collaboration with companies, regions, and municipalities.

Teaching expertise should be apparent from pedagogical work at the first-, second-, and third-cycle level, including development, planning, implementation, and evaluation of teaching, supervision, and examination. Teaching expertise should furthermore include a reflective approach to students' learning and to the applicant's own role as a teacher. The successful candidate should also have completed training in teaching and learning in higher education equivalent to the national guidelines of the Association of Swedish Higher Education Institutions (SUHF) (15 credits).

Collaboration skills refers to demonstrated skills in making research and education known, available, and useful, in interaction with the surrounding society, for knowledge exchange and mutual learning. The assessment of collaboration skills should be guided by the scope, detail, extent, quality, and results of the collaborative work. Collaboration skills should have been demonstrated in integration of third stream activities into education and research, which should have contributed to a significant increase in research and educational quality and relevance to societal challenges and demands.

The *ability to lead and manage academic work* should have been demonstrated in work with building and managing research teams, supervising doctoral students, establishing and developing research collaborations within and outside academia, and contributing in notable ways to the academic development of the subject area.

The *ability to lead and manage pedagogical work* should have been demonstrated in work with establishing, managing, and developing education and pedagogical collaborations. The applicant must demonstrate strong expertise in developing, teaching, and assessing students in doctoral courses, as well as in supervising at the doctoral level.

Management skills concern successful experience of management and development of work and staff within academia – that is: successful leadership that has contributed to an inclusive and equitable working environment, and efficient goal attainment. Management skills should have been demonstrated through an ability to make decisions on the basis of a holistic view of the organisation, as well as through an ability to promote common ways of working and respectful cooperation. Other skills included among management skills are the ability to attract and keep competence, to engage and inspire co-workers, and to successfully handle conflicts.

A decision to employ a professor should be based on a holistic assessment of the skills that constitute required qualifications and assessment criteria.

When the university employs new teachers, the choice should fall on those applicants who, based on a qualitative holistic assessment of competence and skills, are considered most likely to successfully perform and develop relevant tasks and contribute to successful development of the organisation.

Contact

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Linnaeus University has the ambition to utilize the qualities that an even gender distribution and diversity brings to the organization.

Please apply through the university's website using the "Apply" button at the bottom on this page. Your application should be designed according to the Template for application which can be found in the Guide to Appointment procedures under important documents below the ad. The credentials you invoke must be verified with certification and they must be attached digitally in your application. Other documents, including various types of scientific works, must be submitted digitally along with the application. The application and other documents to be marked with the reference number. All documents cited must be received by the University no later than 23.59 (Local time in Sweden) on the closing day.