

Professor in Horticultural Production Systems

The Swedish University of Agricultural Sciences, The LTV Faculty in Alnarp, is recruiting three professors within Horticulture. The professors shall interact and connect activities in Plant Protection, Plant Breeding and Production Systems.

Research at the Department of Biosystems and Technology explores interactions between soil, plants, animals, environment, climate and humans in systems for sustainable production of food and renewable raw materials. Teaching and research deal with questions about sustainable and efficient use of limited resources. The production system is a common denominator uniting the research groups within the Department.

Subject area: Within the research area of Horticulture, to which the appointment belongs, research is undertaken on horticultural production systems to promote sustainable and resource efficient production of horticultural plants. This research is a central part of the Department's broad systems-orientated research on production systems. It relates to other research activities on crop rotation, horticultural microbiology, systems analysis and sustainability issues in horticultural production systems and to research on plant physiological parameters and plant interactions with external factors such as climate, nutrients, substrates and water.

Duties: The responsibilities associated with the position cover research, teaching at undergraduate and postgraduate level, and co-operation with external institutions and surrounding businesses. The main task of the professor is to strengthen and coordinate research within the field. The position also involves playing an active part in teaching and in quality assurance and development of the horticultural degree programmes at SLU. The duties include further developing research and education in the subject in collaboration with faculty and university researchers and teachers and to disseminate research finds and other relevant subject information to the public.

Qualifications:

The successful applicant will have proven academic and teaching skills appropriate for the post of professor and will also be scientifically proficient in the subject area for the professorship and hold a PhD or the equivalent. The successful applicant will be pedagogically proficient and possess the ability to integrate pedagogical application with the role of researcher. Equal weight will be given to the applicant's teaching skills and academic proficiency.

Assessment criteria:

Since the subject of horticultural production systems is of great importance, not least to the development of future food supply, the position as professor requires broad knowledge of horticultural production systems and of the horticultural business sector and its conditions. The successful applicant will act as a unifying force and an important resource for the Department's activities and must possess a broad range of skills. A willingness to work across departmental and disciplinary boundaries is a prerequisite for the work. The successful applicant will have well-established scientific experience and qualifications, with very good skills in horticultural production systems and knowledge of production physiology. Prior experience from the industry will be considered a merit. The applicant is expected to use and develop his or her existing network, both nationally and internationally, to strengthen the discipline. Emphasis will also be placed on leadership skills.

Place of work: Alnarp

Form of employment: Permanent.

Extent: 100%

Starting date: By agreement

The scientific and pedagogic documentation submitted in support of the application shall be indicated in the application, and **one** copy of each document shall be made available to the Registrar at the time of application. At most 10 scientific publications and at most 10 pedagogic publications, including popularized versions, should be submitted in support of the application. In addition a complete list of publications shall be supplied; the publications submitted with the application must be indicated. When expert reviewers have been appointed, the applicant(s) will be informed to send copies of the documentation listed in the application to each one of the reviewers.

The Swedish University of Agricultural Sciences (SLU) develops the understanding and sustainable use and management of biological natural resources. The university ranks well internationally within its subject areas. SLU is a research-intensive university that also offers unique degree programmes in for example rural development and natural resource management, environmental economics, animal science and landscape architecture.

SLU has just over 3,000 employees, 5,000 students and a turnover of SEK 3 billion. The university has invested heavily in a modern, attractive environment on its campuses in Alnarp, Umeå and Uppsala.

www.slu.se

The Faculty of Landscape Architecture, Horticulture and Crop Production Science (LTV) is responsible for research, teaching, environmental monitoring and assessment as well as outreach and collaboration in the fields of landscape planning and horticulture. The LTV Faculty is also active in the fields of agriculture, food, production, health, quality of life, environment and water.

The majority of the faculty's employees and students are based on Campus Alnarp, between Lund and Malmö. The LTV Faculty houses six departments and a large number of collaborative centres.

Campus Alnarp lies in Sweden's most dynamic agricultural and horticultural region. It is situated close to the student towns of Lund and Malmö, a short distance from the sea and in close proximity to Copenhagen's city life. The Öresund region is in an expansive phase, in which knowledge, education and research have a central significance. On Campus Alnarp, the focus is on landscape planning and horticulture.

Further information:

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Application: You are welcome to submit your application marked **SLU ua 4783/2015**. Enclose your CV and any other supporting documents. Send your application to the Registrar, SLU, Box 7070, SE-750 07 Uppsala or to registrator@slu.se. Applications close on **September 20, 2016**.

It is desirable that the application is written in English, because the applications will be evaluated by expert advisers both in Sweden and abroad.

SLU is an equal opportunity employer.

University salaries are set on an individual basis.

A guide for applicants "Appointment procedures for SLU" and a "Memorandum for Guidance in connection with applications for appointment/promotion to professor and senior lecturer at SLU" can be found at intern.sl.se. Documentation of scientific, pedagogical and other qualifications must be presented in accordance with the instructions given in these documents.