Associate Senior Lecturer in Molecular Plant-Pest/Disease Interactions

The Department of Plant Biology

A position as associate senior lecturer in molecular plant-pest/disease interactions with specialisation in effector function and application in plant disease resistance is available at the Department of Plant Biology, Swedish University of Agricultural Sciences (SLU), Uppsala. The appointment is a qualifying position and the first step in an academic career at SLU.

The department of plant biology has 80 employees and develops knowledge about plant development, diversity and defence in plants. (www.slu.se/en/departments/plant-biology-forest-genetics). There are several connections to plant protection-related questions among the different research directions at the department. The department belongs to the Uppsala BioCenter (www.bioc.slu.se), an excellent scientific environment with competence in plant biology, forest mycology and pathology, as well as molecular sciences. It also offers state-of-the-art infrastructure, including modern plant growth facilities as well as advanced equipment for bioimaging and molecular biology. The department is a member of the Linnean Centre for Plant Biology in Uppsala (www.lcpu.se), an interaction platform for plant scientists at SLU and Uppsala University.

Subject area:
The subject area encompasses research directed at understanding the structure, function and interaction of pathogen-produced effectors, and how this knowledge can be applied to improve disease resistance in crops.

Duties:
The associate senior lecturer shall establish a unique research profile in the field of molecular plant-pathogen interactions with specialisation in effector function and application in plant disease resistance. This is expected to include close collaboration with research colleagues at the department, at SLU as well as on national and international level. In addition, the associate senior lecturer shall

- teach at the basic (bachelor) and advanced (master) level
- act as co-supervisor for PhD students and mentor for postdocs
- apply for external research funding
- initiate the development of an independent research group
- acquire and develop pedagogic skills

Qualifications:
Eligible for employment as associate senior lecturer are candidates who hold a PhD or have equivalent academic qualifications. Priority should be given to candidates who have received this competence no longer than seven years before the application deadline. For an appointment as associate senior lecturer, the candidate must be scientifically proficient in the area of plant-pathogen interactions at the molecular level. Experience of research environments outside of SLU equivalent to a post-doctoral period, or a PhD degree from another university is expected. Good ability to communicate in written and spoken English is required.

Assessment criteria:
On consideration for appointment as associate senior lecturer emphasis is primarily put on qualitative indicators of the applicant's scientific proficiency in the subject of employment. Furthermore, the assessment also includes

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 Natural Resources and Agricultural Sciences (NJ) is responsible for research, teaching, environmental monitoring and assessment as well as outreach and collaboration in the fields of agriculture and rural development. The faculty is also active in the fields of cropping systems, plant breeding, plant protection, food, production, health, quality of life, environment and water.

The NJ Faculty houses 13 departments and a large number of collaborative centres. The majority of the Faculty’s employees and students are based in Uppsala, on Campus Ultuna.

www.slu.se/nj-fakulteten

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evaluating the applicant’s ability to develop an independent line of research within the research field, and to meet the requirements for promotion to Senior Lecturer in the context of the employment qualifications. Emphasis will be also placed on the applicant’s communication skills and ability to collaborate across a wide range of the department’s research areas, as well as administrative experience relevant to the content and duties of the employment. Teaching experience is considered a merit.

Place of work: Uppsala

Form of employment: Permanent.

The employment period is limited to 4 years according to the Act of higher education (Högskoleförordningen). The employment is the first step in the academic career at SLU. An Associate Senior Lecturer has the right to apply for promotion to Senior Lecturer during the employment period.

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 5 scientific publications and at most 5 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.

Application: We welcome your application marked with Ref no. SLU ua 1995/2017.

Please submit your application to the Registrar of SLU, P.O. Box 7070, SE-750 07 Uppsala, Sweden or registrator@slu.se no later than July 14, 2017.

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.

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.slu.se. Documentation of scientific, pedagogical and other qualifications must be presented in accordance with the instructions given in these documents.