



Swedish University of Agricultural Sciences
Faculty of Forest Sciences
Department of Forest Genetics and Plant Physiology, UPSC, Umeå

Professor

in Forest Genetics and Tree Breeding

Umeå Plant Science Centre (UPSC; www.upsc.se) is the centre for experimental plant biology in Umeå. It comprises the Department of Forest Genetics and Plant Physiology, the Swedish University of Agricultural Sciences, and the Department of Plant Physiology, Umeå University.

Working within UPSC are approximately 180 people from 32 different countries, and the Department of Forest Genetics and Plant Physiology has seven professors, eight docents and three assistant professors.

Within the department, research areas include forest genetics, forest biotechnology, molecular biology, wood formation, plant development, tree physiology and ecophysiology.

The department has two centres of excellence, Func Fibre and The Berzelii Centre for Forest Biotechnology. The faculty provides access to experimental forests and research parks for field experiments.

The post of Faculty Professor in Forest Genetics has become available at the Umeå Plant Science Centre (www.upsc.se), Department of Forest Genetics and Plant Physiology, Swedish University of Agricultural Sciences, Umeå, Sweden. The position is full-time starting, at the latest, at the beginning of 2010.

You will be expected to develop a highly competitive research programme in forest genetics, using the latest methods and focusing on the inheritance of important biological traits for forestry. You will also be expected to develop strategies for future tree breeding for the forest sector in Sweden (i.e. questions concerning crossing of trees, seed orchards, genetic diversity of trees, adaptation of trees to climate and biotic factors, population ecology etc). It is expected that the appointee's research interests will include quantitative genetics, molecular genetics and other approaches to studies of forest genetics and tree breeding.

You will have a strong track record of attracting external funding and have leadership experience. The results are published in peer-reviewed journals of high international standard, and you will have international contacts and collaboration. You will work to achieve close collaboration and integration between research teams consisting of a range of experts, including geneticists, tree breeders, molecular biologists, physiologists and foresters.

Faculty professors are expected to supervise Doctoral and Masters Students and to develop to develop postgraduate and undergraduate courses in Forest Genetics at all levels.

Since the Faculty of Forest Sciences at SLU has special duties with respect to the forest sector, you are also expected to inform forest companies, government departments and other organisations about forest genetics and trees breeding.

Qualifications: You should have both scientific and pedagogical skills, and have extensive experience of leading research projects. Applicants should have a PhD or equivalent and a strong scientific background in the fields of genetics, including an in-depth knowledge of quantitative and molecular genetics. Experience in tree genetics is desirable but not a prerequisite. Experience as the leader of a research group and good communication skills are both desirable.

Applications will be assessed on the basis of scientific expertise and pedagogical skills of relevance to the specific field and duties associated with the position. Account will also be taken of administrative and other skills of relevance to the post. The ability to adopt an interdisciplinary approach is essential. Other factors taken into consideration will be the applicant's overall experience of, and documented skill in leading research projects, an ability to interact with the community and to disseminate knowledge pertaining to research and development work. Equal attention will be given to assessing the applicant's pedagogical skills and scientific abilities.

SLU is an equal opportunities employer.

University salaries are set on an individual basis.

Further information about this appointment is available from Head of department Prof. Thomas Moritz, tel: +46 90-786 8456, thomas.moritz@genfys.slu.se or Dean, Prof. Jan-Erik Hällgren tel: + 46 90-786 8238, jan-erik.hallgren@sfak.slu.se

Union representatives:
Lars Lundqvist (SACO),
+46 90 786 8407, and
Barbro Gunnarsson (ST),
+46 90 786 8248.

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" may be obtained from Erik Sundström, +46 90 786 8288 or Maria Bergling +46 90 786 8240, who will also be able to answer questions about the formal application process. The documents are also available at <http://personal.slu.se/ledans/jobb.htm>.

Documentary evidence of scientific, pedagogical and other qualifications must be presented in accordance with the instructions given in the above documents. Scientific and pedagogical undertakings referred to by the applicant must be listed in the application and a single copy these must be submitted. A maximum of 10 scientific and 10 pedagogical examples, including popular science and research data, may be submitted. A complete list of publications must also be provided, with those submitted being marked accordingly. Once three experts have been appointed, the administrative officer dealing with the application will notify each candidate and a single copy of each of the works referred to in the application must be sent to each expert.

Applications, addressed to the Vice-Chancellor, SLU, quoting **Ref. no. 3497/08**, together with a current CV and other documents that the applicant wishes to submit, must be received by the Registrar, SLU, Box 7070, SE-750 07 Uppsala by **January 7, 2009**.

Applications should be in English.