

**FACULTY OF SCIENCE
DEPARTMENT OF BIOLOGICAL SCIENCES**

Postdoc position in plant ecophysiology

The Department of Biological Sciences, Aarhus University, invites applications for a two-year postdoc position at the Plant Biology research group starting March 1, 2008 or as soon as possible thereafter.

The Plant Biology research group focuses on ecophysiology of water and wetland plants as well as ecological processes in streams, lakes and wetlands. The postdoc will work on a research project on ecophysiology of invasive and non-invasive plants in aquatic ecosystems. The aims of the research are to identify common or contrasting ecological characteristics of invasive and non-invasive plant species from aquatic ecosystems, and to understand the processes and the inherent traits of aquatic plant species that make them invasive in some geographic areas and non-invasive in others. The research is conducted in cooperation with research institutes in New Zealand and the USA.

The postdoc candidate is expected to focus on phenotypic plasticity of different plant genotypes and populations, and will use various plant ecophysiological and molecular techniques to assess relevant traits and compare genetic diversity of different populations. The postdoc should therefore have experience with the use of modern molecular techniques such as AFLP and sequencing of chloroplast DNA markers.

Applications must be in English and include a curriculum vitae, a complete list of publications, a statement of future research plans and information about research activities, teaching qualifications and management experience, all in 4 copies (see <http://www.nat.au.dk/stilling/cv> for the recommended level of detail). If the applicant wants other material to be considered in the evaluation (publications and other documentation of research and teaching qualifications, as well as management experience) such material must be clearly specified and must either be enclosed in hardcopy (3 copies) or must be available electronically.

The Faculty refers to the Ministerial Order No. 170 of 17.03.2005 (<http://www.au.dk/da/21-05.htm>) on the appointment of teaching and research staff at the universities under the Ministry of Science, Technology and Innovation.

Salary depends on seniority as agreed between the Danish Ministry of Finance and the Confederation of Professional Unions.

Applications should be addressed to The Faculty of Science, University of Aarhus, Ny Munkegade, Building 1520, DK-8000 Aarhus C, Denmark, and marked 212/5-212.

The deadline for receipt of all applications is January 31, 2007, at 12,00 noon.

For more information contact Professor Hans Brix (phone: +45 8942 4714; mobile: +45 2899 2031; e-mail: hans.brix@biology.au.dk).

The University of Aarhus has 34,000 students, 10,000 staff, and a turnover of DKK 4.5 billion. The University consists of nine main areas: six faculties (Humanities, Health Sciences, Social Sciences, Theology, Science and Agricultural Sciences), two schools (the Aarhus School of Business and the Danish School of Education), and the National Environmental Research Institute. The University's activities are based at more than 20 locations all over Denmark.