



UNIVERSITY OF ALBERTA

– Graduate Student Opportunity –

Adaptive traits in poplar

A graduate student position is available at the University of Alberta, Department of Renewable Resources (website: <http://www.ualberta.ca/~hacke/>). Funding from an NSERC Strategic Grant is available to help support the successful student. The successful applicant will work in a multi-disciplinary team under the supervision of Dr. Uwe Hacke, Canada Research Chair in Tree-Water Relations.

I am looking for a student with a background in plant science who is highly motivated and interested in plants, specifically trees. The main goal of the project is to identify traits whose variation can be linked to growth performance. Our work focuses on poplar clones growing in plantations. These trees should perform well in different soil types and under different and changing climatic conditions. This project will help identify genotypes that are able to acclimate to a wide range of conditions. The successful candidate will use physiology, microscopy, and possibly molecular methods to study which traits may contribute to the potential of trees to grow well under a wide range of environmental conditions.

Description of Position

Funding: NSERC funding; a Standard Graduate Stipend can be offered.

Start Date: summer 2012 or sooner if possible.

Qualifications

I am looking for applicants with an interest in plant physiology, trees, and water relations who work well in a team and are motivated to learn new techniques. A background in molecular biology is not required but would be a strong asset. Excellent English skills are important. The applicant must meet the entrance requirement for the University of Alberta, Department of Renewable Resources, which can be viewed at:

<http://www.rr.ualberta.ca/en/GraduateProgram/DegreeRequirements.aspx>

How to apply

To apply for the position please supply a cover letter stating your research interests, a resume describing your skills and education, and names and contact information of three references. For questions and for sending your application, send an email to: uwe.hacke@ualberta.ca.

Department of Renewable Resources

Faculty of Agriculture, Forestry, and Home Economics

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