

Postdoctoral Research Associate Position: Carbon Cycling in Agroforestry Systems

The successful candidate will participate in a project that aims to understand the controls on carbon storage and sequestration and greenhouse gas emissions in agroforestry systems across different climatic regions in Alberta. Extensive field work will be involved. The project is in collaboration with Professor Edward Bork in the Department of Agriculture, Food and Nutritional Sciences at the University of Alberta and is funded by the Agriculture Greenhouse Gases Program of Agriculture and Agri-Food Canada.

In addition to working within the project, independent lines of research in associated areas can be accommodated as well.

Funding is available for up to three and half years and a competitive salary will be provided. The position is located at the University of Alberta in Edmonton.

Persons with training in biogeochemistry, ecology, forestry, soil science, global change biology or other related areas are encouraged to apply. Ability to communicate effectively in English with diverse groups of people and evidence of productivity from previous work are essential. You must be highly motivated, able to work independently but at the same time be a good team player. You also need to have a valid driver's license and a good driving record.

The position is available now and need to be filled as soon as possible.

To be considered, please send a copy of your curriculum vitae, names and contact details of two referees, and a research statement to (by email):

Dr. Scott Chang, Professor
Forest Soils and Nutrient Dynamics
442 Earth Sciences Building
Department of Renewable Resources
University of Alberta
Edmonton, Alberta, Canada T6G 2E3
Tel: (780) 492-6375; Fax: (780) 492-1767
Email: scott.chang@ualberta.ca
Web: <http://www.ales.ualberta.ca/rr/StaffProfiles/AcademicStaff/Chang.aspx>

Two MSc/PhD student positions in carbon biogeochemistry

We are looking for outstanding students to fill 2 MSc/PhD positions for a project aimed at understanding the controls on carbon storage/sequestration and greenhouse gas emissions in agroforestry systems across different climatic regions in Alberta. Extensive field work will be involved. The project is in collaboration with Professor Edward Bork in the Department of Agriculture, Food and Nutritional Sciences at the University of Alberta and is funded by the Agriculture Greenhouse Gases Program of Agriculture and Agri-Food Canada.

The project offers considerable flexibility in designing a research program that investigates areas of personal interest within the overall framework of the project.

Students with educational background/training/experience in biogeochemistry, ecology, forestry, soil science, global change biology or other related areas are encouraged to apply. Selection of a student will be based on academic achievements, reference letters and if applicable previous research experience. Strong verbal, written, and analytical skills are essential. Having a valid driver's license and a good driving record would be an asset.

Salary ranges between CAN\$ 20,000 – 24,000 per year plus benefits for a period of 2 (MSc) to 4 (PhD) years. It is preferable that successful candidates start their program in January 2012 or start their laboratory and fieldwork in May 2012 while applying to the graduate program at the University of Alberta for the fall of 2012.

Interested candidates should e-mail their transcripts (scanned would be fine for the unofficial application), curriculum vitae, a letter describing their research experience and interests (2 page limit), recent TOEFL scores (if appropriate), and the names and contact information of three references to

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MSc/PhD student position in land reclamation

We are looking for an outstanding student to fill one MSc/PhD position for a project aimed at testing the performance of tree species planted for land reclamation and understanding the mechanisms involved, in particular examining the competition and nutrient retranslocation effects. The tree species in this study was produced using the nutrient loading method. Stable isotope techniques will be used in this research. Extensive field work in the oil sands region will be involved. The project offers flexibility in designing a research program that investigates areas of personal interest within the overall framework of the project.

Students with educational background/training/experience in biogeochemistry, ecology, forestry, soil science or other related areas are encouraged to apply. Selection of a student will be based on academic achievements, reference letters and if applicable previous research experience. Strong verbal, written, and analytical skills are essential. Having a valid driver's license and a good driving record would be an asset.

Salary ranges between CAN\$ 20,000 – 24,000 per year plus benefits for a period of 2 (MSc) to 4 (PhD) years. It is preferable that successful candidates start their program in January 2012 or start their laboratory and fieldwork in May 2012 while applying to the graduate program at the University of Alberta for the fall of 2012.

Interested candidates should e-mail their transcripts (scanned would be fine for the unofficial application), curriculum vitae, a letter describing their research experience and interests (2 page limit), recent TOEFL scores (if appropriate), and the names and contact information of three references to

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