

Research Associate Position available in
Molecular, Biochemical and Physiochemical Phenotyping
of the Secondary Cell Walls of Trees

Departments of Wood Science and Botany
University of British Columbia,
Vancouver, Canada

A Research Associate position is available in the area of tree cell wall biochemistry and molecular biology in the Wood and Fibre Quality lab directed by Dr. Shawn Mansfield in the Faculty of Forestry at the University of British Columbia. The selected individual will work closely with a dynamic multidisciplinary team directed by Drs. Mansfield (Wood Science) and Carl Douglas (Botany). The position is supported by a Large-Scale Applied Research Project Grant from Genome British Columbia (genomebc.ca). The project will study the genetic origins of, and the biochemical, physical and chemical attributes of secondary cell walls in trees. The research activities involve assessing cell wall traits by quantifying alterations in cell wall chemistry, biochemistry and ultrastructure, and the molecular control of such traits. **Applicants must have a PhD and extensive postdoctoral research experience in tree biochemistry, molecular biology, transcript profiling and functional genomics – all skills are required for successful placement.** Other requirements for successful applicants are excellent oral and written communication skills, the ability to work in a large and dynamic research team, and the ability to work on a project with defined milestones and timelines.

Please send applications with CV and contact information for three references to: Dr Shawn Mansfield, Department of Wood Science, University of British Columbia, 4030-2424 Main Mall, Vancouver, BC V6T 1Z4, Canada, Fax: 604-822-9159 Tel: 604-822-0196, or by email to shawn.mansfield@ubc.ca. Review of the applications will start October 14th, 2011 and will continue until the position is filled. The position is available November 1st, 2011 and will continue for 11 months. All qualified persons are encouraged to apply. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities.