Postdoctoral Research Associate
Mycorrhizal-Plant Interactions

Department of Biology, Morgantown, WV  USA

Specialties: MB - Molecular Biology/Gene Regulation
Other Specialties: Ph.D. in Plant Physiology, Genetics, or other degree related to plant genomics. Training in bioinformatics and familiarity with hybrid poplar, metals, or mycorrhizal beneficial.

Application Instructions: The position is available July 1, 2005. Send CV and a cover letter detailing experience and have two letters of recommendation sent to: Jonathan Cumming, Department of Biology, 3139 Life Sciences Building, 53 Campus Drive, Morgantown, WV  26506 or email jcumming@wvu.edu.
Related Web Site: http://www.as.wvu.edu/biology/faculty/cumming.htm
Job Contact Email: jcumming@wvu.edu
Job Type: Postdoctoral

Full Description:
A postdoctoral position is available to study the mechanisms of aluminum resistance in hybrid poplar. Responsibilities include directing a fully staffed research laboratory and implementing studies of aluminum resistance-related physiology and gene expression in hybrid poplar, analyzing root exudates using ion chromatography, performing suppressive subtractive hybridization analysis of the aluminum-induced transcriptome, and cloning and characterizing cDNAs representing differentially expressed genes. Doctoral degree in a relevant area of Plant Biology is required. Additional requirements include demonstrated expertise in cDNA cloning, genomics, and other basic molecular biology techniques and effective written and verbal communication skills. Anticipated starting date April 1, 2005. Review of applications will begin immediately and continue until the position is filled. Salary: $31,000/annually. West Virginia University is an Affirmative Action/Equal Opportunity Employer.