

Molecular Genetics of Plant Development

Prestigious **van Eck Scholarships** are available to graduate students (M.S. or Ph.D.) seeking training in molecular genetics of plant development. Students will join a research team dedicated to understanding the genetic regulation of heartwood formation, the final stage in xylem differentiation. The research will build upon previous findings related to the regulation of cell death and hormone metabolism in wood. Students will study in the fields of cell and molecular biology and plant physiology. Van Eck scholars have been highly successful upon graduation, finding career options in both academia and private industry. Research will take place at The Hardwood Tree Improvement and Regeneration Center (HTIRC) at Purdue University.

Qualifications: Candidates should have well developed quantitative skills and knowledge and experience in biological sciences such as biology, molecular biology, forestry, horticulture, botany, genetics, or plant physiology. Candidates should have a GPA of at least 3.2 and a top-tier GRE score.

Assistantships will be awarded at \$18,000 (M.S.) and \$20,500 (Ph.D.) per year. In addition, an annual research budget (\$10,000) will be available for research support and a laptop computer will be provided for the duration of the scholarship.

Applications or Additional Information: For fall semester, (August 2010), applications must be received by November 6, 2009 (M.S. and Ph.D.). Applicants must mail a short (one page) letter of interest, resume, cumulative GPA, GRE scores, TOEFL scores (international students only) and names and letters from three references to Dr. Keith Woeste (woeste@purdue.edu or kwoeste@fs.fed.us). Please see our web page HTIRC.org for more information. If selected for a van Eck Scholarship, we will notify you to make formal application to Purdue University.

About us: HTIRC is a collaborative regional research organization of industry, state and federal agency and university partners, administratively located in the Department of Forestry and Natural Resources at Purdue University . Its purpose is to improve the genetic quality and regeneration success of North American hardwood tree species.

Purdue University is an equal opportunity-affirmative action employer.