

Two M.S. Assistantships in Bioenergy from Cellulosic Feedstocks

The School of Forest Resources, University of Arkansas, Monticello has a M.S. Assistantship available beginning in the summer or fall of 2009. The assistantship is half time and carries a stipend of \$15,000 per year plus tuition.

Project: The assistantships will be working on issues of biofuel production from cellulosic biomass in the Gulf South Region. There are five possible projects for this assistantship:

- 1) Quantity, cost, and quality of woody biomass recovered from mill residues.
- 2) Quantity, cost, and quality of woody biomass recovered from in-forest residues with emphasis on impacts on forest regeneration and ecosystem services.
- 3) Optimal logging operation design for in-forest recovery of biomass.
- 4) Developing landscape-scale biomass supply models for the Gulf-South region.
- 5) Production and costs of biomass from agroforest ecosystems in the Lower Mississippi River Alluvial Valley.



The projects are part of several large research grants funded through the Department of Energy and US Department of Agriculture and are a coordinated effort between scientists at the University of Arkansas at Monticello, the University of Arkansas-Fayetteville, and Louisiana State University. Additional details on project #5, agroforest systems

for biomass production, can be found

at <http://www.afrc.uamont.edu/liechtyh/Bioenergy%20Agroforest.htm>

Requirements: A 2.7 overall undergraduate GPA or 3.0 GPA in the last 60 semester hours of undergraduate courses and satisfactory GRE scores (verbal+quantitative ~1000). A B.S. degree in business, economics, environmental science, biology, agriculture, forestry or a related field is also required.

Research Facilities: The School of Forest Resources houses several modern laboratories that can be utilized by graduate students. These include the water quality/soil laboratory, Spatial Analysis Laboratory (SAL), and wildlife management laboratory. All laboratories are well equipped and utilized for research and instructional activities on a daily basis by students and faculty alike. Application &

Additional Information: For additional information or to apply contact Dr. Matt Pelkki, School of Forest Resources, UAM, P.O. Box 3468, Monticello AR 71656. Phone:870-460-1949, E-Mail: Pelkki@uamont.edu

Graduate materials and information can be found at the following websites:
http://www.afrc.uamont.edu/sfr/graduate_education.htm