

**M.S. Assistantship: Aboveground Biomass and Stem Profile of Varietals and Open-Pollinated Loblolly Pine in the Gulf Coastal Plain**

**College of Forestry, Agriculture and Natural Resources,  
University of Arkansas at Monticello**

The College of Forestry, Agriculture & Natural Resources at the University of Arkansas at Monticello is seeking applicants for a M.S. Assistantship available beginning August 16, 2024. The assistantship is half time and carries an annual stipend of \$18,000 plus tuition.

**Project:** An assistantship is available for a self-motivated M.S. graduate student in the area of modeling aboveground biomass and stem profile of varietals and open pollinated loblolly pine (*Pinus taeda*). The assistantship is available for 24 months beginning in the fall of 2024. This research project aims to develop biomass and stem profile equations. The research work involves destructive sampling and measurement of tree profile and biomass to develop allometric equations to help estimate the wood product and biomass supply in the Gulf Coastal plain, USA. Candidates having experience in forest inventory, forest growth and yield modeling, destructive sampling, and knowledge of statistical methods and computing tools is highly desirable.

**Requirements:** Applicants must have a 2.7 overall undergraduate GPA or 3.0 GPA in the last 60 semester hours of undergraduate courses. A B.S. degree in forestry, forest science, or natural resource management is required. This research project requires strong quantitative and analytical skills, so students with statistics background and R programming skills are highly encouraged. Over-night travel and outdoor work under various climates might be needed. Applicants must have a valid U.S. driver's license or obtain the same within 60 days of starting employment.

**Location and Facilities:** The College of Forestry, Agriculture & Natural Resources is located in Monticello, Arkansas in the southeastern portion of the state. The Arkansas Forest Resources Center is also headquartered here, and is administered by the University of Arkansas System Division of Agriculture. The Arkansas Forest Resources Center is the research and extension arm for forest-based programs within the State. Additionally, the US Forest Service Arkansas Forestry Sciences Lab is located at the College. The College and Center maintain several state-of-the-art laboratories (hydrology, soil, quantitative analysis, silviculture, wildlife ecology & management) available for graduate research and education.

**Application & Additional Information:** Graduate program information can be found at <https://www.uamont.edu/academics/CFANR/grad-degrees.html>. Applicants must apply to the College of Forestry, Agriculture and Natural Resources at <https://cfanr.embark.com/apply/graduateschool2023>. You will be required to submit application information, unofficial transcripts, a statement of interest, and three references. Applicants must be admitted to the University of Arkansas at Monticello and apply to the College of Forestry, Agriculture & Natural Resources before they can be considered for an assistantship. For application assistance, contact Rhonda Parris at [parris@uamont.edu](mailto:parris@uamont.edu). For position information, contact Dr. Pradip Saud, [saud@uamont.edu](mailto:saud@uamont.edu), 870-460-1642.