THE JONES CENTER AT ICHAUWAY

MISSISSIPPI STATE UNIVERSITY
DEPARTMENT OF FORESTRY

MS Position in Forest Hydrology and Ecophysiology

A two-year funded graduate research assistantship at Mississippi State University (MSU) is available to study the importance of stemflow for tree physiology and growth. Co-advised by Dr. Courtney Siegert of MSU and Dr. Steven Brantley of the Jones Center at Ichauway, the student will combine field observations of canopy hydrology, tree physiology, and soil moisture to disentangle the effects of drought sensitivity of common tree species in longleaf pine ecosystems. The project offers the opportunity to gain experience in field data collection and statistical analysis along with professional development opportunities.

Applicants from a range of disciplinary backgrounds will be considered, including forestry, ecology, environmental science, or other closely related fields.

The student will be enrolled in the Department of Forestry at MSU, an R1 public research university. Work will be in close collaboration with the Jones Center at Ichauway, a 28,500-acre private research and education center located between Albany and Bainbridge, Georgia. The Center's research, education, and conservation programs focus on ecology and natural resource management. The site includes 16,000 acres of longleaf pine forests, ~100 wetlands, and 26 miles of stream and river ecosystems. On-site housing is provided to students as needed for the duration of their project and the prospective candidate should expect to spend 1 or 2 summers at Jones Center with additional short trips as needed. Further information can be found on the web site at http://www.jonesctr.org/. A competitive stipend and tuition waiver will be provided over the two-year duration of project. Expected start date is fall 2025.

Interested students should contact Steven Brantley (steven.brantley@jonesctr.org) with a CV, undergraduate transcripts (official or unofficial), and brief statement of research experience and interests. The position will be open until filled but applications submitted by January 21, 2025, will receive highest consideration.