

Assistant Research Professor

Position Announcement

Department of Sustainable Bioproducts,

Forest and Wildlife Research Center, College of Forest Resources

Division of Agriculture, Forestry and Veterinary Medicine

Mississippi State University

The Forest and Wildlife Research Center/College of Forest Resources, Mississippi State University is seeking to fill two time limited, 12-month, non-tenure track, full time appointments for individuals with research responsibilities in the area of lumber and forest products standards and evaluation. Consideration will be given to candidates with expertise and high potential in fundamental aspects of **1. Natural Resources: Lumber standards, statistical distribution analyses, evaluation, testing, and sampling (Job#495498)** and **2. Material Science: Non-destructive evaluation and testing, (Job#495504)**.

The successful candidate must possess a Ph.D. at the time of appointment, from an accredited institution of higher learning in wood science/forest products/sustainable bioproducts or an allied field.

Characteristic Duties and Responsibilities:

Incumbent will participate in targeted research program in the area of lumber and forest products standards and evaluation. The successful candidate is expected to conduct independent and extramurally funded research in 1. lumber standards, statistical distribution analyses, evaluation and testing, 2. non-destructive evaluation and testing, sampling, interpretation, softwood and hardwood lumber valuation and improvement, and/or solid and composite products characterization and development. The candidate may also be expected to contribute to departmental research, teaching, and service program. Incumbent will work closely with the forest products industries, associations, organizations, other universities, and federal laboratories in the region, and the nation to assist in researching and developing basic and applied technology. Incumbent will be expected to build a nationally recognized and extramurally funded research program. Active and collegial collaborations within the department, college, and university as well as with external stakeholders such as industry, other universities, government and nongovernmental organizations, etc. are expected. Leading and participating in plant visits, short courses and workshops may be required. Written reporting, web-based communication, and domestic travel will be required.

Desired qualifications: 1. trading, import/export, statistical design and analyses, testing and evaluation, and 2. Non-destructive testing and evaluation, in addition to, industrial/commercial experience in production, manufacturing, standards, grant writing, manuscript writing and publication, national or international professional experience.

Knowledge, skills & abilities: Incumbent should be adept with current forms of computer applications such as MS Office, Bluehill testing software, various statistical software packages, and others related to research, creation, and dissemination of scholarly outputs. Incumbent must be highly self-directed and willing to arrange, travel, and meet with other professionals in the U.S. at federal laboratory facilities, other universities, trade associations, or other.

Physical requirements will be consistent with those associated with the incumbent's research program. It is anticipated that this may include lumber handling, testing machine fixturing setup, material procurement, wood working machine oversight and operations, office work, and domestic travel. May require lifting up to approximately 40 pounds on an intermittent basis.

Continued appointment based on performance and availability of funding

Instructions for applying: All applicants must apply on line at <http://www.msujobs.msstate.edu/> , attach required documents (in one pdf file): a Cover Letter, Resume/CV, Research Plan, transcripts of all degrees, and two letters of professional recommendation (option: the letters of recommendation may be sent directly to: k.davidson@msstate.edu).

Screening of applications will begin June 1, 2017, and continue until the positions are filled. Skype/video conference Interviews may be requested.

MSU is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, ethnicity, sex (including pregnancy and gender identity), national origin, disability status, age, sexual orientation, genetic information, protected veteran status, or any other characteristic protected by law. We always welcome nominations and applications from women, members of any minority group, and others who share our passion for building a diverse community that reflects the diversity in our student population.

Mississippi State University is an AA/EOE.