



**FOREST, RANGELAND
AND FIRE SCIENCES**

College of Natural Resources
875 Perimeter Drive MS 1133
Moscow ID 83844-1133

**Open Faculty Position:
Assistant/Associate Professor in Wood Science**

The Department of Forest, Rangeland and Fire Sciences (FRFS) in the College of Natural Resources at the University of Idaho is seeking a candidate to fill a 9-month tenure-track faculty position as part of our *Renewable Materials* Program (RMAT). RMAT is an accredited undergraduate degree program through the Society of Wood Science and Technology and is one of four undergraduate programs in FRFS. An important part of the University of Idaho for over 100 years, the RMAT program supports the Idaho forest products industry which accounts for approximately \$3 billion annually and directly employs 12,000 people across the state. The RMAT program is strongly linked with the forest products and renewable materials industries and other stakeholders across the state, and is an important partner in many University of Idaho initiatives, including a new wood-based arena and other campus-wide sustainability programs.

Responsibilities:

- Support the RMAT undergraduate program by teaching at least one undergraduate course in biomaterials protection/biodeterioration and leading a graduate course in their field of expertise. It is expected that the successful candidate will also contribute to the freshman and capstone courses of the RMAT program, and support courses in the College of Natural Resources as needed and as it relates to their specific expertise. Courses will serve a diverse body of students (*40% of appointment*).
- Develop a nationally recognized, extramurally-funded research program in wood science, forest products, or related field. It is expected that the candidate will have active collaborations within the department, college and university (e.g. Civil Engineering, Architecture) as well as with external stakeholders (industry, other universities, government and nongovernmental organizations, etc.) (*40% of appointment*).
- Service and outreach will be pursued via a combination of activities at the university, professional associations, site visits, short courses and workshops, web-based communication, grant/manuscript reviews, and written reports. It is expected that the successful candidate will work with stakeholders to explore the economic implications of their research on the forest products sector of the state of Idaho and Pacific Northwest region (*20% of appointment*).

Required Qualifications:

- Must possess a Ph.D. at the time of appointment from an accredited institution of higher learning in either Renewable Materials, Wood Science, Forest Products, Bioproducts, or an allied scientific discipline (e.g., engineering, biology, microbiology, mycology, chemistry, or other as appropriate).
- Must demonstrate strong communication skills and will be expected to develop a national reputation in Renewable Materials as well as maintain a focus on adding value to state- and regional-based stakeholders.

Preferred Qualifications:

- Prior experience teaching undergraduate courses in wood science, forest products, or biomaterials.
- Expertise in biomaterials degradation and protection, with an emphasis the influence of organisms such as fungi, bacteria, and insects on biomass and bio-based products performance, processes for biomaterials protection and assessment.
- Demonstrated experience in outreach and engagement activities related to field of expertise and developing and applying technologies that will improve industry's competitiveness.

The position will remain open until filled. Review of applications will begin **January 4, 2019**. Applicants must submit: 1) cover letter describing qualifications for this position; 2) curriculum vitae; 3) statement of teaching, research, and outreach philosophy and interests; and 4) names and contact information for three references. Questions about the position should be directed to: Dr. Armando McDonald, Search Committee Chair (armandm@uidaho.edu).

Additional information can be found at: <https://uidaho.peopleadmin.com/postings/22835>

Applicants who are selected as final candidates may be required to pass a criminal background check.

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