

Postdoctoral Fellow Position

Wildland fire effects on tree growth and wood properties

In Brief: Post-doc will contribute to multiple lines of investigation into fire effects on tree injury, tree growth, and wood properties.

This post-doc will be employed by the University of Missouri and based in the [School of Natural Resources](#) and [Center for Tree-Ring Science](#) located in Columbia, Missouri. The post-doc will work closely with Dr. Michael Stambaugh, Associate Professor of Forest Ecology, and project partners from the U.S. Forest Service and multiple universities. This research is funded by the U.S. Forest Service through support of the Bipartisan Infrastructure Law.

Job Duties: A post-doctoral position is available to contribute to multiple studies associated with fire effects on tree injury, tree growth, and wood properties. This position joins a diverse, national team of investigators in areas of wildland fire, wildlife, landscape modeling, wood technology and sociology. This position will analyze diverse datasets from both western and eastern U.S. regions including forest inventories, tree radial growth, wood anatomy, and wood properties. This work builds on prior projects investigating how fire effects tree survival, injury, and growth in real-world management situations. Primary duties include analysis of datasets leading to peer-reviewed publications, coordination with project partners, and supervision of field and laboratory efforts. This position is expected to work collaboratively in a team, with mentorship responsibility.

Minimum Qualification: Ph.D. in forestry, wildland fire, or related field by the time of appointment.

Candidates will be evaluated on: Experience in programming, data analysis, model development, and statistical analysis of spatial and temporal datasets. Evidence of strong scholarship, including peer-reviewed publications. Demonstrated knowledge of diverse forest ecosystems, fire regimes, and model development; knowledge of tree growth, fire effects, and wood products; proven ability to finish projects; strong desire to work with stakeholders and as part of a team.

Appointment: Applications will be accepted until a suitable candidate is found, with an ideal start date in summer of 2024. Interviews will occur via Zoom. Initial appointment is for one year.

Application Procedure: Please apply online at <https://hr.missouri.edu/job-openings>, Job ID 50576 and send: (1) CV, (2) the names and contact information for three professional references, and (3) PDFs of one or more relevant publications to Dr. Michael Stambaugh, Email: stambaughm@missouri.edu.

Values Commitment

We value the uniqueness of every individual and strive to ensure each person's success. Contributions from individuals with diverse backgrounds, experiences and perspectives promote intellectual pluralism and enable us to achieve the excellence that we seek in learning, research and engagement. This commitment makes our university a better place to work, learn and innovate.

In your application materials, please discuss your experiences and expertise that support these values and enrich our missions of teaching, research and engagement.

Equal Employment Opportunity

Equal Opportunity is and shall be provided for all employees and applicants for employment on the basis of their demonstrated ability and competence without unlawful discrimination on the basis of their race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, or any other status protected by applicable state or federal law. This policy shall not be interpreted in such a manner as to violate the legal rights of religious organizations or the recruiting rights of military organizations associated with the Armed Forces or the Department of Homeland Security of the United States of America. For more information, call the Director of Employee and Labor Relations at 573-882-7976.

