The Forest Forensics and Dendroecology Lab at the University of Wyoming is seeking a self-motivated PhD student for Fall 2025. The student will conduct field-based forest research in permanent plots across the Rocky Mountains, with a focus in Grand Teton National Park, WY. There will be opportunities to interact with students and scientists affiliated with the [Smithsonian Forest Global Earth Observatory](#).

The student may conduct research on a variety of topics utilizing dendroecological methods and is expected to take a leading role designing their research program. Topics may include: forest pathology and entomology, disturbance, climate, mycorrhizae, carbon storage, resistance and resilience, seedling regeneration.

<u>Benefits and Stipend</u>

The successful applicant will receive a tuition waiver, health insurance, and an annual stipend ($29,000 /yr). The preferred start date is June 1, 2025 with an option to begin August 25, 2025 for select candidates. The student can enroll in the either the [Botany](#) or the [Ecology](#) program.

<u>Required Qualifications</u>

- MS degree in Forestry, Ecology, Botany, or a related field

- Research experience with tree-rings: coring trees, cross-dating, and analyzing time series

- Demonstrated ability to manage and analyze large datasets with R statistical software

- Experience writing and publishing peer-reviewed manuscripts (at least one publication)

- Ability to safely conduct field work in remote settings, including leading crews of field technicians

- Excellent interpersonal and communication skills

<u>To Apply</u>

Email the following information in a <u>single PDF</u> file to <u>sgermain@uwyo.edu</u>: (1) a cover letter describing your specific research interests, career goals, and how you meet the qualifications; (2) full CV; (3) unofficial transcripts; and (4) emails and phone numbers for three professional references.

Application deadline is March 1, 2025

Sara Germain

Department of Botany

University of Wyoming

she/her