



The Germain lab is seeking a self-motivated PhD student to conduct field-based forest research in the beautiful National Parks and Monuments of the western USA (Yosemite, CA; Grand Teton, WY; Cedar Breaks, UT), old-growth forests of the Pacific Northwest, and forests across the state of Wyoming. There will be considerable opportunities to interact with students, scientists, and academics affiliated with the [Smithsonian Forest Global Earth Observatory](#), University of Wyoming, Utah State University, Washington State University, and the University of Montana.

The PhD student may conduct research on a variety of topics and is expected to take a leading role designing their research program. Example topics include: forest health and disturbance, dendroecology, dendroclimatology, community coexistence, climate-mediated forest change, plant-soil interactions, carbon sequestration, resistance and resilience, canopy-snow interactions, fuel dynamics, seedling dynamics, restoration, and silviculture.

The successful applicant will receive a tuition waiver, health insurance, and an annual stipend (\$24,000 /yr). Start date is no later than August 28, 2023 and estimated graduation date is May 2027. Prospective candidates can enroll in either the [Botany](#) or the [Ecology](#) program.

Required Qualifications: (1) BS/BA degree in Forestry, Ecology, Environmental Science, Biology, or a related field; (2) quantitative skills, including familiarity with R statistical software; (3) experience writing and publishing peer-reviewed manuscripts.

Preferred Qualifications: (1) MS degree, though applicants with a strong undergraduate research record will also be considered; (2) experience with field-based research; (3) experience with dendrochronology and/or dendroclimatology.

To Apply: email the following information in a single PDF file to sarajane.germain@gmail.com: (1) a cover letter describing your specific research interests, your career goals, and how you meet the qualifications; (2) full CV; (3) unofficial transcripts; and (4) email addresses and phone numbers for three professional references.

The Germain lab is committed to supporting and advancing diversity in STEM. Members of historically underrepresented groups are strongly encouraged to apply. Additional [requirements](#) for international students.

Application deadline is April 30, 2023.