

Assistant Professor of Forest Ecology

The University of Wyoming seeks to hire a tenure-track faculty member with expertise in forest ecology. The appointment will be as an Assistant Professor in the Department of Botany (<http://www.uwyo.edu/botany>). The successful candidate will build a strong externally funded research program in forest ecology to advance our understanding of forest dynamics in a rapidly changing world at any level of biological organization or spatio-temporal scale. Possible areas of expertise include, but are not limited to, population and community responses to changing climate and disturbance regimes, traditional ecological knowledge of forest ecology and management, evolutionary ecology of forests, plant physiological ecology, forest ecosystem ecology, spatial analysis and remote sensing, computational statistical modeling, and mechanistic process-based modeling. While the focus of the research could be in any forest system, this position offers tremendous opportunities to develop projects in the surrounding Medicine Bow Mountains and the greater Rocky Mountain ecoregion.

This hire will teach undergraduate courses in the Botany and Life Science Programs and graduate courses in their area of expertise, including opportunities to develop a field course at the UW-NPS Research Station in Grand Teton National Park. The hire will have access to the new Science Initiative building in which to set up their office, laboratory space, and use state-of-the-art greenhouse and walk-in growth chamber facilities, and high-performance computing resources through UW's Advanced Research Computing Center. The hire also will have access to several state-of-the-art core research facilities within the department and university, including the Genome Technologies Laboratory, Ecology and Biogeochemistry Core Lab, Stable Isotope Facility, and the world class Rocky Mountain Herbarium.

Minimum Qualifications

- 1) a Ph.D. in a relevant discipline
- 2) High potential for an extramurally funded research program
- 3) High potential for effective teaching
- 4) High potential for improving equity and inclusion for diverse participants in science education and scholarship

Review of applications will begin March 10, 2022. Complete on-line application (https://eeik.fa.us2.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX_1/job/213438/?utm_medium=jobshare) and upload the following documents:

- Cover letter (2 pages max)
- Curriculum vitae
- Contact information for three work-related references
- Statement of research vision (2 pages max)
- Statement of teaching philosophy (2 pages max)

- Statement describing the applicant's ability and commitment to advance equity, inclusion, and justice in science education and scholarship (2 pages max)

The University of Wyoming invites diverse applicants to consider our employment opportunities. We are also especially interested in candidates who have experience working with diverse populations, initiatives, or both.

Resources:

<https://www.uwyo.edu/botany>

<http://www.uwyo.edu/lifescience/index.html>

<https://www.rockymountainherbarium.org/>

<https://uwnps.org>

<http://www.uwyo.edu/arcc/>

<http://www.uwyo.edu/ecologybgc/>

<http://www.uwyo.edu/sif/>

<http://wyobiodiversity.org/>

<https://microcollaborative.atlassian.net/wiki/spaces/MICLAB/overview>

<http://wyobiodiversity.org/>