Postdoctoral Fellowship: Species interactions and forest microclimates as drivers of community structure and ecosystem processes

The HJ Andrews Experimental Forest Long-term Ecological Research Program is hiring a **Postdoctoral Scholar** to investigate species interactions and forest microclimates as drivers of community structure and ecosystem processes.

Summary: The postdoc will contribute to field experiments focused on how species interactions (competition, mutualism) affect species distributions (of trees, mosses, lichens, and other taxa), as well as how microclimate might moderate species interactions and ecosystem processes. There will also be opportunities to work with long-term datasets to address questions relating to microclimate (10 years of under-canopy microclimate data across 184 sites) and species distributions in forested terrestrial-aquatic ecosystems.

Required Qualifications:
- Substantial experience in establishing and running field projects
- Ability to process, organize, and analyze ecological data
- Strong quantitative skills
- Strong data organization skills
- Proficient with statistical modeling software
- Excellent writing and oral communication skills
- Ability to work effectively in teams in the office and in the field
- PhD in related field
- No more than 2 years since graduation from PhD program
- Commitment to promoting and enhancing diversity, equity and inclusion

Preferred Qualifications:
- Experience implementing species distribution models
- Strong spatial analysis skills (e.g., GIS, Google Earth Engine)
- Experience working collaboratively on projects

- Experience working on interdisciplinary or multi-disciplinary projects
- Strong publication record

The postdoc will be supervised directly by Dr. Matt Betts and will work as part of a large, integrated, interdisciplinary team of scientists focused on species interactions (Drs. Brooke Penaluna [USFS], Posy Busby [OSU], Joe LaManna [Marquette], David Bell [USFS], Mark Schulze [OSU], Bruce McCune [OSU], and Jeff Diez [U. Oregon])

The Andrews Forest Long-Term Ecological Research Program is supported by Oregon State University and the USDA Forest Service as part of the Long-Term Ecological Research Network, funded by the National Science Foundation. The HJ Andrews Experimental Forest is a 16,000-acre ecological research site in Oregon's beautiful western Cascades Mountains. The Betts Landscape Ecology Lab is in the Department of Forest Ecosystems and Society (FES) at Oregon State University in Corvallis, Oregon.

Salary will be commensurate with experience and qualifications per OSU guidelines
https://gradschool.oregonstate.edu/postdocs/stipends-and-benefits

Location: Corvallis, Oregon, on the campus of Oregon State University, with field work at the HJ Andrews Experimental Forest near Blue River, Oregon.

Duration: This is a full-time position with the Department of Ecosystems and Society, College of Forestry, Oregon State University. The initial appointment will be for one year, with the possibility of renewal for a second year subject to satisfactory performance.

The start date is negotiable but will ideally be before Jan 9, 2023

Open and close dates: We will begin reviewing applications on Oct. 31, 2022. Applications received by November 30, 2022, will be given full consideration. Applications after this date may be considered if position is not filled. Please note that only candidates that meet the required skills and expertise will be contacted.

To apply: For full consideration, send, in a single PDF: (1) a letter of interest, (2) CV, (3) transcripts (unofficial transcripts are sufficient), (4) up to 3 pdfs of recent publications or other writing representative of your work, and (5) contact information (email and phone number) for three references to: Dr. Matt Betts (matthew.betts_at_oregonstate.edu) with reference "Postdoc Application Species Interactions – [Your Last Name]" in the subject line.

OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.