Postdoctoral Researcher – Applied Quantitative Ecology

Position Summary

The Jones Lab at the University of New Mexico and the Rocky Mountain Research Station (https://gavinmjones.com/) is seeking a postdoctoral researcher to work on issues related to wildfire, forest restoration, and wildlife conservation in fire-prone dry forests of the western United States.

The postdoc will be focused on analyzing movement, demography, and/or regional scale bioacoustic datasets to comprehensively evaluate the influence of fuels reduction and forest restoration activities on California spotted owls. Resulting research will directly inform forest management and climate resilience of large social-ecological systems in the American West. The scope of the position provides strong opportunities for applicants to make rapid career progress on high-impact problems of both fundamental and applied relevance, and to experience working as a part of major, innovative state-federal-NGO-private partnerships. There are also opportunities to work on other projects in the lab and to spend time on new research, collaborations, and general career development.

Minimum qualifications are a Ph.D. in biological or ecological sciences or a Ph.D. in mathematical or statistical modeling. The ideal candidate will have expertise in analytical methods associated with population and/or movement ecology, have experience working with large spatial datasets and familiarity with Bayesian and/or simulation methods, as well as the ability to and interest in working on a collaborative project with multiple stakeholders on high-profile and controversial conservation issues. GIS skills, strong publication record for the professional stage of the applicant, and honed writing skills are a major plus.

The positions will involve joint appointments among several institutions including University of Wisconsin-Madison, the University of New Mexico, Moss Landing Marine Laboratories, and the USDA Forest Service - Rocky Mountain Research Station (RMRS). Postdocs will work under the guidance of Dr. Gavin Jones (RMRS and University of New Mexico) and co-PI Dr. Zach Peery (University of Wisconsin-Madison; https://peery.russell.wisc.edu/). The positions will be physically based in Albuquerque, NM, at the Rocky Mountain Research Station.

Ideal start date for the position is October or November 2022 (there is some flexibility here). The position will be funded for a duration of 2 years with possibility of extension pending funding availability and performance. All requirements for the Ph.D. degree must be completed prior to the start date. Salary will be approximately $55,000 with insurance and benefits package.

How to apply

Email a 1-page cover letter describing your background and interests in the position, CV, and contact information for 3 references to Dr. Gavin Jones (gavinjones@unm.edu). Applications will be considered on a rolling basis. ***The positions will remain open until filled.***