

Job Description

The Blaszcak and Shriver labs at the University of Nevada, Reno (UNR) are recruiting a postdoctoral scholar in quantitative ecology. The postdoctoral scholar will develop models to test novel hypotheses about how abiotic conditions and species interactions drive algal population and community dynamics that lead to harmful algal blooms in rivers using Bayesian modeling approaches and diverse datasets. The ultimate goal of this research is to better forecast when benthic harmful algal blooms will occur. The position is funded by a [National Science Foundation Rules of Life grant](#) to understand the mechanisms governing the proliferation of benthic harmful algal blooms in rivers. in collaboration with Dr. Ramesh Goel (U. Utah), Dr. Rosalina Christova (George Mason University), and Dr. Hari Sundar (U. Utah). There will also be opportunities to assist fieldwork in the coast range of Northern California or Zion National Park in southern Utah. The postdoctoral scholar will collaborate with an interdisciplinary research team including ecologists, environmental engineers, phycologists, and computer scientists.

The position is 100% research with flexible start date in 2024. The position can last up to two years. Starting salary is \$57,000.

The Postdoctoral Scholar will be part of a growing community of postdocs in the Dept. Natural Resources & Environmental Science and Ecology, Evolution, and Conservation Biology Program, and have many opportunities for professional development including funding to attend meetings and workshops.

We recognize that the best science can originate from diverse collaborations with people from varied backgrounds, and we especially encourage applicants from underrepresented groups to apply.

To apply please submit a CV and cover letter summarizing your previous research experiences and modeling expertise, your interest in the project, and future goals [here](#). Review of applications will begin May 1, and continue until the position is filled.

If you have any questions feel free to reach out to Joanna Blaszcak (jblaszcak@unr.edu) and/or Bob Shriver (rshriver@unr.edu).

UNR is a Carnegie classified R1 institution with a wonderful community of ecologists and evolutionary biologists. Reno is at the western edge of the Great Basin and base of the eastern Sierra Nevada Mountains with incredible access to outdoor recreational activities including skiing, climbing, hiking, and mountain biking. We are ~45 minutes from Lake Tahoe, 2.5 hours from Yosemite and Lassen National Parks, and 3.5 hours from San Francisco Bay Area. Reno also has a diverse artistic and cultural community with much to offer.