

## **Postdoctoral Associate position in Forest Microclimatology and Regeneration Attribution at the University of Nevada, Las Vegas**

**Contact:** Dr. Matthew Petrie ([matthew.petrie@unlv.edu](mailto:matthew.petrie@unlv.edu))

**Start:** Spring or summer, 2022 (flexible)

**Lab Website:** <https://unlv-ecohydrology.mystrikingly.com/>

**Position Description:** I am recruiting a Postdoctoral Associate who is interested in developing new and actionable insight on the climate, ecohydrology, and regeneration dynamics of semiarid forests and woodlands of the American Southwest. My lab has a number of research projects including: (1) analysis of large and detailed field datasets in managed and unmanaged forests; (2) microclimate and ecohydrological characterization of semiarid forests and woodlands using ground based instrumentation; and (3) experimental assessment and attribution of juvenile conifer survival and mortality across elevation, management and disturbance.

The successful candidate will lead one or more of these projects, and will be encouraged to develop or be included in additional research and funding proposals based on their interests. To this end, I can provide considerable access to active field research sites, existing infrastructure and datasets, a few novel research tools, and the opportunity to collaborate with a diverse group of scientists.

Multiple years of funding are available for this position. The initial funding period will be one year, with additional funding available after a successful preliminary period. Interested candidates should email me ([matthew.petrie@unlv.edu](mailto:matthew.petrie@unlv.edu)) a letter of interest, a 1-2 page research statement, and the contact information for 3 references. Applications will be reviewed as they are received.

**Qualifications:** Competitive candidates will meet most or all of the following:

- Ph.D. in a STEM field
- Demonstrated ability to lead research projects and peer reviewed publications
- Quantitative skills, including proficiency using R or similar software
- Familiarity with large datasets and diverse data types
- Interest in and enthusiasm for ecological research
- Excellent writing skills
  
- Outdoor research experience
- Good decisionmaking and practical skills
- Ability to use tools, fix, and build things
- A clean driving record

**Thank you for your interest. Please contact me if you have any questions!**