

The Peltier lab is recruiting for a funded PhD position at UNLV.

1) PhD in Memory effects in forest carbon cycle to quantify memory and legacy effects in forest carbon cycling. The PhD student would quantify the magnitude and duration of climate legacies on tree growth and carbon fluxes across National Ecological Observatory Network (NEON) sites in the western US. A major focus of the position is linking tree rings to flux tower records. The student would have the opportunity to participate in field sampling of tree rings, processing and measurement of tree cores, and potential visits with collaborators at NAU, UCLA, and NASA-JPL. Bayesian modelling of carbon cycle processes is a major component of the project.

Required qualifications:

- BS or MS in a related field (env sci, ecology, statistics, forestry, biology, etc.)
- Some knowledge of plant physiology

Preferred qualifications:

- Comfortable working in R
- Experience/interested in ecological field work
- Scientific writing experience

Applications due Dec. 15th through UNLV Graduate College: <https://www.unlv.edu/graduatecollege/apply> Candidates should email Drew.Peltier@unlv.edu describing their interests in the position and relevant experience, including a CV.



I am unable to assess candidate suitability before students have formally applied through the UNLV Graduate College; but, I would be happy to answer any questions about the positions via email.



Las Vegas is situated in the southern Mojave Desert, with access to National Parks like Joshua Tree, Zion, Death Valley, and Grand Canyon as well as the Red Rocks Conservation Area (pictured), the Spring Mountains, the Mojave National Preserve, and the Desert National Wildlife Refuge.