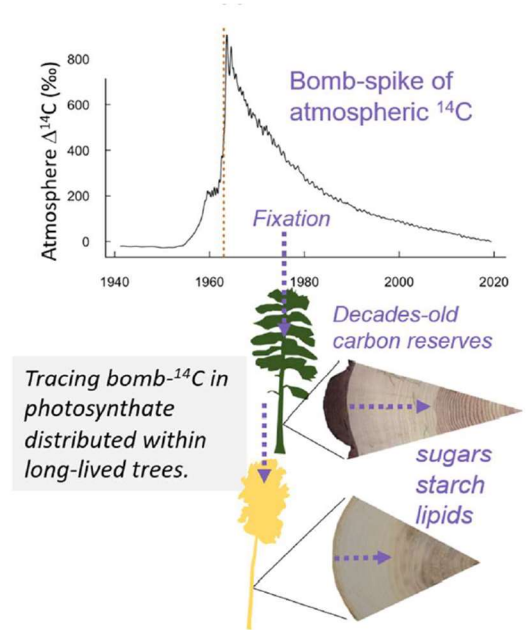


Peltier lab at UNLV ([drewpeltier.com](http://drewpeltier.com)) is seeking a **Postdoctoral Researcher** (2 years) to support diverse studies of the age and turnover time of tree nonstructural carbon reserves across the western US. Radiocarbon dating of nonstructural carbon reserves in trees has shown these reserves can sometimes be 50-100 years old. Carbon reserves can be remobilized after catastrophic disturbance such as drought or crown wildfire. The postdoctoral researcher would lead studies of the turnover time and resilience of tree carbon reserves, including radiocarbon preparation, methods development, and computational modelling. A major focus of sampling will be on very large or very old trees.



Because there is large flexibility in the research questions to be addressed, we seek creative scholars interested in leveraging radiocarbon to understand tree responses to climate change, drought, and/or disturbance. Researchers with a background in tree ecophysiology, particularly nonstructural carbohydrate measurements or analysis, and with some previous familiarity with isotope ecology are preferred.

#### Required qualifications

- Phd in relevant field
- Experience with common ecophys measurements
- Field work experience.

#### Desired qualifications

- Experience in isotope ecology (e.g. mass spec, cryovacuum line, labelling experiments, etc.)
- Tree-ring measurement experience
- HPLC or related analytical experience
- experience with trace gas sampling

To apply: In an email to [drew.peltier@unlv.edu](mailto:drew.peltier@unlv.edu), please provide the following:

- (1) CV
- (2) recent publication
- (3) short cover letter describing both your interest in the position and your previous, relevant experience as it relates specifically to the required and desired qualifications.