

The Future of Our Forests: Bridging Ecology and Evolution

Ecological and evolutionary processes influence all levels of biological organization. When it comes to forest trees, these ecological properties include population dynamics, species interactions, and organism-environment relationships. On the evolutionary side, natural selection, local adaptation, trait evolution, and heritability all play roles in forest health. How are these two aspects related, and what does it mean for the future of our forests?

Forest and conservation biologist Patricia Maloney will discuss the importance of bridging the fields of population ecology and evolutionary biology to understand and predict forest tree dynamics and evolutionary potential given rapid environmental changes.

TERC SUMMER LECTURE

June
20

Patricia Maloney is a forest and conservation biologist with UC Davis Tahoe Environmental Research Center and the UC Davis Department of Plant Pathology



5:30 – 7:30 p.m.

UC Davis Tahoe Science Center
291 Country Club Dr.,
Incline Village, Nevada

\$5 paid in advance; \$10 at the door.
Refreshments and no-host bar 5:30 p.m.,
presentation begins at 6 p.m.

Please register for your seat at
<http://tahoe.ucdavis.edu/events/>



The Tahoe Environmental Research Center (TERC) is a global research leader providing the science for restoring and sustaining Lake Tahoe and other treasured lakes worldwide. TERC educates the next generation of leaders and inspires environmental stewardship.

GREAT BASIN BRISTLECONE PINE FOREST