

# Lecture to reveal what lives deep in Lake Tahoe

Join Annie Caires in an exploration of the deepest areas of Lake Tahoe and learn about the biological community that lives within its abyss.

Caires will present a public lecture from 6-7pm March 1 at the Tahoe Center for Environmental Sciences. The event will be held in the assembly room 139-141, 291 Country Club Drive, Incline Village, .

Tickets cost \$5 for the general public and no charge for students with valid student identification. Prior to the presentation UC Davis offers a no-host happy hour with wine, beer and food for attendees.

Researchers from UNR and UC Davis have recently found substantial change has occurred at the bottom of Lake Tahoe over the past four decades. What is happening on the lake bottom and what changes are being found in the plant and animal communities that inhabit deep areas of the lake? What is causing this change and how will it impact the overall health of the lake?

The team of scientists and volunteers initiated a comprehensive investigation of the lake bottom, the first since the 1960s. They used dredges to collect 400 samples from deep areas of the lake to detect changes since the 1960s survey. Looking for elusive native species, they found critters that live only in Lake Tahoe. These species include a blind shrimp that normally lives in dark caves and a stonefly that, unlike other stoneflies, lives its entire life in the lake. Meet these interesting species and learn why they might be the “canaries in the coal mine” for the health of Lake Tahoe.