

# Lecture about open water food web dynamics in Lake Tahoe

Dave Beauchamp will share what is known about Lake trout, Kokanee salmon and Mysid shrimp interactions in the open water (pelagic zone) of Lake Tahoe based on past research and will also describe the U.S. Fish and Wildlife Services efforts to fill in information gaps related to the Kokanee salmon, Mysid shrimp, and other Lake Tahoe zooplankton.

His presentation will be Oct. 3 at 3:30pm at the Tahoe Center for Environmental Sciences, 291 Country Club Drive, Incline Village.

He will describe how seasonal changes in environmental conditions, food supply, predation and competition influence a potential niche for Lahontan cutthroat trout.

Beauchamp is a professor of Aquatic & Fishery Sciences at the University of Washington. His research program focuses on predator-prey interactions, bioenergetics modeling, behavioral ecology, distribution, growth, population dynamics, and food web dynamics in large western lakes, estuarine, and marine systems. Some current investigations include: Early marine feeding, growth and survival of salmon and forage fish in Puget Sound; Columbia River Basin Food Web Review; Food web implications of re-introducing native salmon or trout above dams; and development and application of visual foraging models for predatory fish.

For more information, contact Heather Segale at (775) 881.7562 or [hmsegale@ucdavis.edu](mailto:hmsegale@ucdavis.edu).