

**SESSION 1**

**Lake Tahoe 101, Program Overview, Geology**

Thursday, June 17, 2021 (1 – 4:15 p.m.)

LOCATION: Zoom Webinar

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| 1:00-1:50 p.m. | Lake Tahoe 101: Lake of the Sky – The Story of Lake Tahoe<br><i>Presentation by David Antonucci, Civil &amp; Environmental Engineer</i> <ul style="list-style-type: none"><li>• Facts and Trivia</li><li>• Bathymetry of the Lake Bottom</li><li>• Cultural and Environmental History</li><li>• Limnology and Climate</li><li>• Environmental Issues</li><li>• Questions and Answers</li></ul>  |
| 1:50-2:00 p.m. | Short Break   |
| 2:00-2:50 p.m. | Introductions/Ice Breaker   |
| 2:50-3:00 p.m. | New Tour Booking System: Activity Tickets <ul style="list-style-type: none"><li>• 3 tours per day (1:00 p.m., 2:30 p.m., 4 p.m.)</li><li>• 10 people maximum per group (same “household”)</li><li>• \$25 tour cost for up to five people, \$5 per additional person, \$50 maximum</li><li>• Advanced reservations required (24 hours minimum)</li><li>• Drop-in policy</li></ul>  |
| 3:00-4:15 p.m. | Geology of the Lake Tahoe Basin<br><i>Presentation by Annie Kell, University of Nevada, Reno</i> <ul style="list-style-type: none"><li>• Geology of the region</li><li>• The greater tectonic activity of the region</li><li>• Lake Tahoe Basin formation</li><li>• A timeline of Tahoe’s formation</li><li>• Glacial History</li><li>• Underwater Landslide</li><li>• Bathymetry</li><li>• Expectation of earthquakes and other geologic hazards</li><li>• Questions and Answers</li></ul> |
| On Your Own    | Introduction to UC Davis TERC and Docent Program Information<br><i>Presentation by Heather Segale, Education and Outreach Director and Alison Toy, Volunteer Docent Manager</i> <ul style="list-style-type: none"><li>• TERC mission, facilities, and research</li><li>• Docent program description and expectations</li><li>• Docent application &amp; UC Davis forms</li><li>• Docent “shadowing”</li><li>• Safety</li></ul>  |



**SESSION 2**  
**UC Davis Research at Lake Tahoe**

Tuesday, June 22, 2021 (1:30 – 4:15 p.m.)

LOCATION: Zoom Webinar

- 1:30-2:00 p.m. Online Docent Resources
- New sections of Docent Manual
  - Navigating video resources on the UC Davis Tahoe YouTube Channel
  - Social Media
  - Reviews: Yelp, TripAdvisor, Google
  - Questions and Answers
- 2:00-2:45 p.m. Everything You Wanted to Know About Lake Tahoe But Were Afraid to Ask  
*Presentation by Dr. S. Geoffrey Schladow, Director, UC Davis TERC*
- State of the Lake
  - Lake Clarity Modeling
  - Climate Change
  - Invasive Species Research
  - *Mysis* shrimp removal project
  - Other Research Information and Updates
  - Questions and Answers
- 2:45-3:00 p.m. Break
- 3:00-4:15 p.m. Stories of Tahoe and Research  
*Presentation by Dr. Charles Goldman, Professor Emeritus, UC Davis*
- Teaching limnology
  - Six decades of research at Lake Tahoe with the Tahoe Research Group
  - Changes at Lake Tahoe
  - Sewage, Algal Growth, and Bioassays
  - Science Impacts on Tahoe's Future
  - Greatest Contribution

**ON YOUR OWN**

1. Sign up for 2 shadowing dates (New Docents)
2. Review Docent Manual
3. Sign up for your first shift! You can partner up if desired.

4. Green Building Tour (as interest and time allows)
5. Attend monthly lectures (as interest and time allows)

### **SESSION 3**

#### **Exhibits and Exhibit Information**

Thursday, June 24, 2021 (1:00 – 5 p.m.)

LOCATION: Tahoe Center for Environmental Sciences, Room 141  
291 Country Club Drive, Incline Village, NV

- 1:00-1:15 p.m. • “Lake Tahoe In Depth” 3D Movie (*optional for those who have not seen it*)  
• Sign-in, Name Tags
- 1:15-1:45 p.m. Overview of Exhibits of the Tahoe Science Center  
*Presentation by Heather Segale, Education Program Director*
- Hike through the Docent Binder
  - Major Themes & Talking Points
  - Sign-up for shifts and check manifest
  - New visitation policy and sanitation regimen
- 1:45-2:00 p.m. Short Break
- 2:00-2:40 p.m. Exhibits of the Tahoe Science Center  
*Exhibit Rotation #1*
- Group one: Donor Wall, Tahoe Watershed Map, Research Vessel John Le Conte (*Alison*)
    - Microplastics Exhibit and iPads, Green Exhibits, Take Care Mural, Lake Conditions Exhibit, and Hands-on exhibits: Tree Identification, Who Left This Here. (*Elise*)
  - Group two: Large Monitor, Virtual Biology Lab, Live Organisms, and Microscope (*Baylee*)
    - Glasses cleaning, Use of kitchen, Field Trip room, Project WET booklets, Tahoe Home Guide, Research in Action Wall, Cleaning supplies (*Anne*)
  - Group three: 3D Theater, AR Sandbox, Docent Room, and Children’s Corner (*Heather*)
    - Touch Screen Monitor, Surveys, Donation Buoy (*Alison/Heather*)
- 2:40-3:20 p.m. Exhibits of the Tahoe Science Center, continued  
*Exhibit Rotation #2*
- 3:20-4:00 p.m. Exhibits of the Tahoe Science Center, continued  
*Exhibit Rotation #3*
- 4:00-5:30 p.m. Docent Happy Hour at North Tahoe Demonstration Garden

