

# GUIDES TRAINING SEMINAR 2024, FINAL

*The Only Thing That Is Constant Is Change:*

*Navigating the Challenges & Opportunities for Grand Canyon*

## FRIDAY, MARCH 29, 2024

12:00 PM	3:00 PM	<i>Paria Beach planting event sponsored by Wild Arizona (volunteers needed!)</i>
3:00 PM	5:00 PM	<i>Point Positive Workshop- Intentions in 2024, Through the Lens of Boundaries: Reading Your Line (Pre-registration required. See: <a href="http://www.gcr.org/point-positive">www.gcr.org/point-positive</a>)</i>
5:30 PM	7:00 PM	<i>Dinner at Hatch warehouse</i>
7:00 PM	10:00 PM	<i>Campfire Stories/Poetry/Open Mic Session, sponsored by The Thalweg</i>

## SATURDAY, MARCH 30, 2024

6:30 AM	(approx)	<b>BREAKFAST</b>	
		<b>GTS Introduction</b>	
8:00 AM	8:05 AM	Jay Healy (GCRG president)	<i>Welcome to the GTS!</i>
		<b>Park Priorities, Successes, and Challenges (GCC &amp; NPS)</b>	
8:05 AM	8:25 AM	Sherri O'Neil (Grand Canyon Conservancy)	<i>Park Priorities and Successes with Grand Canyon Conservancy</i>
8:30 AM	9:00 AM	Vincent Diaz, NPS Tribal Affairs (intro)	<i>Grand Canyon Visitor Center Tribal Film</i>
		<i>Grand Canyon staff and Intertribal Working Group members have been working with Bristlecone Media to produce a new welcome center film to be featured at the Grand Canyon Visitor Center. This new film focuses on Indigenous perspectives and connections to the Grand Canyon, and will be available to the public summer of 2024.</i>	
9:00 AM	9:20 AM	Kelkiyana Yazzie (NPS Tribal Program)	<i>Inclusive Storytelling</i>
		<b>Shifting the Narrative - Elevating Indigenous Voices and Perspectives</b>	
9:25 AM	9:45 AM	Bennett Wakayuta (Hualapai/Hopi)	<i>Our Connection: The Indigenous Way of Life</i>
9:50 AM	10:10 AM	Jack Pongyesva (Hopi)	<i>Time for Change: Acting on Popular Culture, Indignity, &amp; Intertribal Unification</i>
10:10 AM	10:25 AM	<b>BREAK</b>	
10:25 AM	10:45 AM	Georgie Pongyesva (Hopi)	<i>A Hopeful Future for Public Lands: The Increasing Necessity for Co-Stewardship with Tribes</i>
		<b>Note: The Whale Foundation Health Fair will be open from 11:00 AM to 3:00 PM, and it's FREE!</b>	
10:50 AM	11:10 AM	Autumn Gillard (Southern Paiute)	<i>The NunWu Connection to Piyapaxa Uipi, Big River Canyon</i>
11:15 AM	11:35 AM	Ka-Voka Tokespeta (Hualapai)	<i>Hwal'bay on the River: Our Connection and Presence in the Canyon</i>
		<b>Health and Wellbeing of the Guide Community</b>	
11:40 AM	12:00 PM	Molly Wood (Whale Foundation ED)	<i>Psychological Hygiene</i>
12:00 PM	1:15 PM	<b>LUNCH</b>	

## Climate Change, Declining Flows, and the Colorado River

1:15 PM	1:55 PM	Brad Udall (CSU Colorado Water Center)	<i>Climate Change, and the Effects of Declining Flows on the Colorado River</i>
2:00 PM	2:20 PM	Mike DeHoff, Peter Lefebvre, & Megan Flynn (Returning Rapids Project)	<i>The Returning Rapids Project Research: How river management affects us all</i>
2:25 PM	2:45 PM	<b>Full Powell/Empty Powell Tradeoffs</b> Charles Yackulic (ecologist/GCMRC)	<i>Understanding the linkage between aquatic ecosystem conditions in Lake Powell and in the Grand Canyon.</i>
2:24 PM	3:05 PM	Mike Fiebig (American Rivers)	<i>Potential Components of Post-2026 Operating Alternative Reflecting Shared Interests and Environmental Priorities</i>
3:05 PM	3:15 PM	<b>BREAK</b>	
3:15 PM	3:35 PM	Erik Balkan (Glen Canyon Institute)	<i>A better way to allocate storage in Lake Powell and Lake Mead.</i>
3:35 PM	4:00 PM	Jack Schmidt (Center for Colorado River Studies)	<i>Explaining the different proposals for management of the Lake Powell/Grand Canyon/Lake Mead ecosystem: a primer for guides.</i>

## Sacredness, Respect, and Transformation - the Colorado River

4:05 PM	4:45 PM	Ed Kabotie (Hopi musician/artist/educator)	<i>A Mystic Journey includes short video</i>
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## Superintendent's Keynote Address

4:50 PM	5:30 PM	Superintendent Ed Keable	<i>Address to the River Community</i>
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## DINNER

7:15 PM 8:15 PM Raffle (win lots of great stuff!)

8:30 PM Party!! Dancing!! Fun!!

*Tha' Yoties!*



## SUNDAY, MARCH 31, 2024: "SAFETY AND SCIENCE"

7:00 AM **BREAKFAST**

### Safety First!

8:15 AM	8:55 AM	Lisa Hendy (GCNP, Canyon District Ranger)	<i>River Patrol Update &amp; SAR Lessons Learned</i>
		Trevin Johnson (GCNP Ranger)	<i>Things I Wish I Would Have Known About NPS Law Enforcement as a Commercial Guide</i>

### Debris Flow Risk Assessment Project

9:00 AM	9:20 AM	Paul Grams (GCMRC)	<i>Assessing and Communicating Risk from Debris Flows and Flash Floods to Campers in Grand Canyon</i>
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9:25 AM	9:45 AM	Brian Klimowski (NOAA) Megan Taylor (NOAA)	<i>What can we do for you? National Weather Service products, services, and support</i>
		<b>Community Science</b>	
9:50 AM	10:05 AM	Zeke Lauck (Adopt-a-Beach Program)	<i>Tracking Beach Change along the Colorado River: Addressing FAQ's about AAB</i>
10:05 AM	10:20 AM	<b>BREAK</b>	
		<b>Geology</b>	
10:20 AM	10:40 AM	Wayne Ranney (geologist/author)	<i>Geology Update in Grand Canyon: A New Rock Unit, Fossil Trackways, and Rusty Brown Dolomites</i>
10:45 AM	11:05 AM	Ryan Crow (USGS)	<i>Understanding Grand Canyon's Lava Dams: Past and Ongoing Studies</i>
		<b>Uranium Mining &amp; Hydrological Connections</b>	
11:10 AM	11:30 AM	David Kreamer (UNLV)	<i>Uranium Mining in the Grand Canyon region: Latest Science and Springs Vulnerabilities</i>
		<b>Grand Canyon Springs</b>	
11:35 AM	11:55 AM	Larry Stevens (Springs Stewardship Inst.)	<i>Grand Canyon Springs as Off-River Hiking Destinations</i>
		<b>Riparian Restoration</b>	
12:00 PM	12:20 PM	Kelly Burke (Wild AZ/GCWC) Joel Barnes (Riparia, LLC)	<i>Paria Beach Riparian Restoration Project Update: Page Community Youth Outdoor Education, the 2023 Spring HFE effect, and what's next!</i>
12:20 PM	12:30 PM	<b>CLOSING REMARKS</b>	
12:30 PM		<b>LUNCH</b>	
2:00 PM		Clean up and break down	

## **THANK YOU TO OUR GTS FUNDERS, PARTNERS, & SUPPORTERS!!!!!!!!!!!!!!**

HATCH RIVER EXPEDITIONS (THANK YOU STEVE AND SARAH!)  
 GRAND CANYON NATIONAL PARK, SUPERINTENDENT KEABLE & PARK STAFF  
 THE GRAND CANYON FUND  
 THE GRAND CANYON CONSERVANCY  
 INTERTRIBAL CENTENNIAL CONVERSATIONS GROUP & THE GRAND CANYON TRUST  
 ALL THE GRAND CANYON COMMERCIAL RIVER OUTFITTERS  
 WILDERNESS RIVER FOUNDATION (Tom Barry)  
 GCRG BOARD OF DIRECTORS AND ALL GTS VOLUNTEERS  
 JESSICA POPE - GTS TECH FACILITATION  
 WHALE FOUNDATION  
 LAURA CHAMBERLIN, PROFESSIONAL CHEF & AWESOME COOK CREW!  
 THA' YOTIES (GTS BAND)  
 ALL FABULOUS SPEAKERS!!!!!!!!!!!!!!

## **SPEAKER EMAIL ADDRESSES (in order by presentation time)**

*Please feel free to contact them with any questions you may have, post-GTS*

Jay Healy, GCRG president  
Sherri O'Neil, Grand Canyon Conservancy  
Kelkiyana Yazzie, Grand Canyon National Park Tribal Affairs Program  
Jack Pongyesva, Grand Canyon Trust, Intertribal Centennial Conversations Group  
Bennett Wakayuta, Intertribal Centennial Conversations Group  
Georgie Pongyesva, Intertribal Centennial Conversations Group  
Autumn Gillard, Intertribal Centennial Conversations Group  
Ka-Voka Tokespeta, Intertribal Centennial Conversations Group  
Molly Wood, Whale Foundation  
Brad Udall, CSU Colorado Water Center  
Mike DeHoff, Returning Rapids Project  
Jack Schmidt, USU Center for Colorado River Studies  
Charles Yackulic, Grand Canyon Monitoring & Research Center  
Eric Balkan, Glen Canyon Institute  
Mike Fiebig, American Rivers  
Ed Kabotie (musician, artist, educator)  
Lisa Hendy, Grand Canyon National Park  
Trevin Johnson, Grand Canyon National Park  
Paul Grams, Grand Canyon Monitoring & Research Center  
Brian Klimowski, US Weather Service Flagstaff/NOAA  
Megan Taylor, US Weather Service Flagstaff/NOAA  
Zeke Lauck, Primary Investigator, Adopt-a-Beach Program  
Wayne Ranney, geologist  
Ryan Crow, US Geological Survey  
David Kreamer, University of Nevada/Las Vegas  
Dr. Larry Stevens, Springs Stewardship Institute  
Kelly Burke, Wild Arizona/GC Wildlands Council

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