



## 2024 Symposium Agenda

**Saturday, March 2nd**

8:00 am to 4:00 pm	<b>CPO Course</b>
9:00 am to 5:00 pm	<b>OSHA Part 1</b>
9:00 am to 5:00 pm	<b>BAWL Setup Workshops</b>

**Sunday, March 3rd**

9:00 am to 5:00 pm	<b>Free Admission to Pittsburgh Zoo &amp; Aquarium</b>
9:00 am to 5:00 pm	<b>OSHA Part 2</b>
9:00 am to 2:00 pm	<b>BAWL Setup Workshops</b>
12:00 pm to 2:00 pm	Level 1 & 2 Certification Exam Review Q&A on Zoom
2:00 pm to 3:00 pm	Level 3 Certification Exam Review Q&A (in person), Rivers Room
12:00 pm to 6:00 pm	Operator & Vendor Registration
4:00 pm to 5:00 pm	Vendor Business Meeting
5:00 pm to 8:00 pm	<b>Ice Breaker/Vendor Interaction</b>

**Monday, March 4th**

7:00 am to 8:00 am	Registration and Breakfast
8:00 am to 8:40 am	<b>Opening Ceremonies</b>
8:40 am to 9:00 am	<b>Host Facility Spotlight</b>
9:00 am to 9:35 am	<b>Exhibiting Vendor Introductions</b>
9:35 am to 9:45 am	<b>First Time Attendee Presentation</b>
9:45 am to 10:15 am	Break / Vendor Interaction
10:15 am to 12:00 pm	<b>Instrumentation and Equipment Lecture Series and Concurrent Workshops</b>
(10:15 to 10:40)	<i>Are We Sure It's Ready? Modeling Animal Nitrogen Excretion for Effective Biological Filter Cycling</i> Austin Calpin, Kansas City Zoo & Aquarium and Becka Plautz, Living Exhibits
(10:40 to 11:05)	<i>Getting More Value out of Your Value Engineering: Repair and Modification of Three Large Fabricated-in-House Foam Fractionators</i> - Evan Jamison, Loveland Living Planet Aquarium
(11:05 to 11:30)	<i>Preventing Your Next Plague: Using UV to Avoid and Treat Large Scale Outbreaks</i> - Steve Bitter
(11:30 to 11:55)	<i>Old &amp; Busted, Meet New Hotness: ACS 1 &amp; 7 Retrofit Upgrades</i> - Rivers Ludden, Georgia Aquarium
12:00 pm to 1:00 pm	Lunch / Vendor Interaction, Felts Exhibit Hall
1:00 pm to 2:45 pm	<b>Certification Testing LSS Levels 1 &amp; 2 and WQ 3 &amp; Concurrent Workshops</b>
2:45 pm to 3:15 pm	Break / Vendor Interaction, Felts Exhibit Hall
3:15 pm to 5:00 pm	<b>Certification Testing WQ Levels 1 &amp; 2 and LSS 3 &amp; Concurrent Workshops</b>
6:00 pm to 9:00 pm	<b>Night Event at Pittsburgh Zoo &amp; Aquarium</b>

**Tuesday, March 5th**

7:00 am to 8:00 am	Breakfast
8:00 am to 9:45 am	<b>Resource Conservation and Exhibit Innovation Lecture Series and Concurrent Workshops</b>
(8:00 to 8:25)	<i>Rare Lobster Rearing: Enhancing the Genetic Analysis of Rare Exoskeleton Coloration in Homarus americanus through System Design for Rare Larvae</i> - Claire Fecteau-Volk, University of New England
(8:25 to 8:50)	<i>Conserving Water Through System Upgrades for the Lake Sturgeon Reintroduction Program</i> - Teresa Israel, Tennessee Aquarium Conservation Institute
(8:50 to 9:15)	<i>DIY: Water Recovery Systems! How to Recycle Water During Resource Scarcity and Why It Matters</i> - Sarah Thompson, Georgia Aquarium
(9:15 to 9:40)	<i>Animal Life Support and Other Environment System Innovations at SeaWorld Abu Dhabi</i> - Jeffrey J. Keaffaber, Ph.D and Michael Tucker, SeaWorld Parks and Entertainment
9:45 am to 10:15 am	Break / Vendor Interaction. Felts Exhibit Hall
10:15 am to 11:00 am	<b>Emergency Response Roundtable</b> <i>Emergency Response Network - AALSO</i>
11:00 am to 12:00 pm	<b>The Future of AALSO, Business Meeting, Elections</b>
12:00 pm to 1:00 pm	Lunch / Vendor Interaction. Felts Exhibit Hall
1:00 pm to 2:45 pm	<b>Workshops</b>
2:45 pm to 3:15 pm	Break / Vendor Interaction. Felts Exhibit Hall
3:15 pm to 5:00 pm	<b>Workshops</b>
6:00 pm to 9:00 pm	<b>Tuesday Evening Mixer</b>

**Wednesday, March 6th**

7:00 am to 8:00 am	Breakfast
8:00 am to 9:45 am	<b>Making it Work Lecture Series and Concurrent Workshops</b>
(8:00 to 8:25)	<i>Changing the Tides: Making an Event Center an Aquarium in Record Time</i> - Cameron Bishop and Danielle Lynn-Vogel, Mississippi Aquarium
(8:25 to 8:50)	<i>Demolition and Build of FW-3/2</i> - Rivers Ludden, Georgia Aquarium
(8:50 to 9:15)	<i>Get Ready with Me: Accreditation Edition</i> - Katelynn Parmeley, Georgia Aquarium
(9:15 to 9:40)	<i>A Refined Approach to Handling Pygmy Hippo Waste</i> - Justin Andelin, Metro Richmond Zoo
9:45 am to 10:15 am	Break / Vendor Interaction. Felts Exhibit Hall
10:15 am to 12:00 pm	<b>Water Quality and Husbandry Support Lecture Series and Concurrent Workshops</b>
(10:15 to 10:40)	<i>Zebrafish (Danio rerio) Husbandry in a Scientific Research Setting</i> - Christine Archer, BS RVT RLAT VTS-LAM, University of Colorado Anschutz Medical Campus
(10:40 to 11:05)	<i>How Hard Can It Be? Bacterial Testing in the Comfort of your Own Lab</i> - Chris Emmet, Birch Aquarium
(11:05 to 11:30)	<i>Zebrafish (Danio rerio) as a Laboratory Animal Model, Their Life Support Systems, and the Zebrafish Husbandry Association</i> - Logan Fehrenbach, Logan Bern, and Alexander Kramer, Nationwide Children's Hospital
(11:30 to 11:55)	<i>Do Phosphates Really Matter? A Look into the Impact of Water Quality on Sea Turtle Rehabilitation Patients</i> - Faith Ayers, Karen Beasley Sea Turtle Rescue and Rehabilitation Center
12:00 pm to 1:00 pm	Lunch / Vendor Interaction. Felts Exhibit Hall
1:00 pm to 3:00 pm	<b>Vendor Breakdown</b>
1:00 pm to 2:45 pm	<b>Workshops</b>
6:30 pm to 9:30 pm	<b>AALSO Certification Banquet</b>