



2025 Symposium Agenda

Saturday, March 29th	
8:00 am to 4:00 pm	CPO Course
8:00 am to 4:00 pm	OSHA Part 1
9:00 am to 5:00 pm	BAWL Setup Workshops
Sunday, March 30th	
9:30 am to 4:30 pm	Free Admission to Oregon Zoo
8:00 am to 12:00 pm	OSHA Part 2
9:00 am to 2:00 pm	BAWL Setup Workshops
1:00 pm to 2:00 pm	Level 1 LSS Certification Exam Review Q&A on Zoom & LSS Level 2 Certification Exam Review Q&A (in person)
2:00 pm to 3:00 pm	Level 1 WQ Certification Exam Review Q&A on Zoom & WQ 2 Cert Exam Review Q&A (in person)
3:00 pm to 4:00 pm	Level 3 LSS & WQ Certification Exam Review Q&A (in person)
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	Ice Breaker/Vendor Interaction
Monday, March 31st	
7:00 am to 8:00 am	Registration and Breakfast
8:00 am to 8:40 am	Opening Ceremonies
8:40 am to 9:00 am	Host Facility Spotlight
9:00 am to 9:35 am	Exhibiting Vendor Introductions
9:35 am to 9:45 am	First Time Attendee Presentation
9:45 am to 10:15 am	Break / Vendor Interaction
10:15 am to 12:00 pm (10:15 to 10:40)  (10:40 to 11:05)  (11:05 to 11:30)  (11:30 to 11:55)	<b>Making It Work Lecture Series and Concurrent Workshops</b> <i>You Can't Ball Bio-Self: How Bio-Balls Ascended to Cultural Iconography and Seeded Seattle Aquarium's Ocean Pavilion in the Nick of Time</i> - Hannah Mewhirter, Seattle Aquarium <i>Making it Work - Making the Move to Life Support</i> Jonny Kellner, Mystic Aquarium <i>Fiberglass Repair for the LSS Professional</i> Alex Anderson, Georgia Aquarium <i>Making the Connections through the Intersections</i> Angela Smith, Seattle Aquarium
12:00 pm to 1:00 pm	Lunch / Vendor Interaction, Felts Exhibit Hall
1:00 pm to 2:45 pm	Certification Testing LSS Levels 1 & 2 and WQ Level 3 & Concurrent Workshops
2:45 pm to 3:15 pm	Break / Vendor Interaction, Felts Exhibit Hall
3:15 pm to 5:00 pm	Certification Testing WQ Levels 1 & 2 and LSS Level 3 & Concurrent Workshops
6:00 pm to 9:00 pm	Night Event at Oregon Zoo
Tuesday, April 1st	
7:00 am to 8:00 am	Breakfast
8:00 am to 9:45 am (8:00 to 8:25)  (8:25 to 8:50)  (8:50 to 9:15)  (9:15 to 9:40)	<b>Dirty Laundry &amp; Husbandry Support Lecture Series and Concurrent Workshops</b> <i>Intake Pump Failures at Monterey Bay Aquarium</i> Bailey Lucas, Monterey Bay Aquarium <i>30 Year Career in Life Support</i> Rich Leach, Monterey Bay Aquarium <i>Sharks on the Move</i> Barrett Rhoades, Georgia Aquarium <i>Big Aussie Fishes on Holiday: Handling Techniques and Equipment for Oceanarium Animal Capture and Interstate Transport</i> Johnny May, Aquatic Development and Consulting, LLC and Laura Simmons, Merlin Entertainments
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 Committee- 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 (1:00 to 1:25)  (1:25 to 1:50)  (1:50 - 2:15)  (2:15 - 2:40)	<b>Instrumentation &amp; Equipment Lecture Series and Concurrent Workshops</b> <i>In: Oxygen Concentrators, Out: Cryogenic Oxygen: How Seattle Aquarium is Implementing Oxygen Concentrators to Optimize their Oxygen Supplementation System</i> - Juliette Horn, Seattle Aquarium <i>123 Easy Auto-Dosing: Setting Up and Maintaining an Auto-Dosing System</i> Jarred McCormick, St. Louis Aquarium at Union Station <i>Laboratory Induced Marine Snow and Roller Table Mechanics</i> Paris Waters and Madeline Sunshine, Texas A&M at Galveston <i>Rebuilding 20HP Pumps - Even You Can Do It</i> Sarah Falcon, St. Louis Aquarium at Union Station
2:45 pm to 3:15 pm	Break / Vendor Interaction. Felts Exhibit Hall
3:15 pm to 5:00 pm (3:15 to 3:40)  (3:40 to 4:05)  (4:05 to 4:30)  (4:30 to 4:55)	<b>Water Quality &amp; Chemistry Lecture Series and Concurrent Workshops</b> <i>Coca-Cola Tank Cycling: You're Doing it Wrong!</i> Barrett Christie, South Carolina Aquarium <i>The Impact of Adding Aeration on Dissolved Oxygen</i> Xena Benitez, OdySea Aquarium <i>Does Double Dosing Ammonia and Nitrite Speed Establishment of a Bio-Filter</i> Larry Boles, Oregon Coast Community College <i>The Efficacy of Various Filter Media in Removing Copper from Treated Seawater</i> Keshia Niadoo, The South African Association for Marine Biological Research
6:00 pm to TBD	Tuesday Evening Mixer
Wednesday, April 2nd	
7:00 am to 8:00 am	Breakfast
8:00 am to 9:45 am (8:00 to 8:25)  (8:25 to 8:50)  (8:50 to 9:15)  (9:15 to 9:40)	<b>Resource Conservation and Greening up LSS Lecture Series and Concurrent Workshops</b> <i>To Waste or Not to Waste: Waste Reduction in Bioburden Testing</i> Keenan Wong, Seattle Aquarium <i>Streamlined Success: Optimizing Water Quality Analysis in Zoo Environments</i> Samantha York, San Diego Zoo Wildlife Alliance <i>Aquarium Care in the Classroom to Promote Sustainability and Conservation</i> Aloendra Dzur, Alaska Pacific University <i>Updating an Effluent Treatment System for Increased Efficiency &amp; Reduced Resource Usage</i> Chris Emmet, Birch Aquarium
9:45 am to 10:15 am	Break / Vendor Interaction. Felts Exhibit Hall
10:15 am to 12:00 pm (10:15 to 10:40)  (10:40 to 11:05)  (11:05 to 11:30)  (11:30 to 11:55)	<b>Facility Updates &amp; Renovations and Concurrent Workshops</b> <i>"Cooler" Corals: LSS For Mesophotic Reef Animals</i> Alex Fortes, Mississippi Aquarium <i>Pinnipeds in Paradise: The Advantages and Challenges of Life Support Operations at a Specialized Rehabilitation Center in the Middle of the Pacific</i> - Stefanie Cooke, The Marine Mammal Center <i>Cincinnati State's BAWL (Big Automated Water Loop)</i> Ryan Schaffer, Cincinnati State Technical and Community College <i>Lessons in Adaptation: The Evolution of a Teaching Life Support System</i> Audrey Fox, University of New England
12:00 pm to 1:00 pm	Lunch / Vendor Interaction. Felts Exhibit Hall
1:00 pm to 3:00 pm	Vendor Breakdown
1:00 pm to 2:45 pm	Workshops
6:30 pm to 9:30 pm	AALSO Certification Banquet