



POINT DEFIANCE ZOO & AQUARIUM

TACOMRAW 2024

PROGRAM SCHEDULE

Sunday, May 5

11:00AM - 2:00PM	FFTAG Steering Committee
12:00PM - 6:00PM	Check-in (Attendees and Sponsors)
2:00PM - 5:00PM	AITAG Steering Committee
5:00PM - 8:00PM	MFTAG Steering Committee
8:00PM - 11:00PM	Hospitality Suite

Monday, May 6

8:00AM - 8:15AM	Welcome to TACOM-RAW
8:15AM - 9:45AM - Mental Well-being (Moderator, Chad Widmer)	
8:15 - 8:35	<i>The Balancing Act: Combating Mental Fatigue in the Animal Care Profession</i> - Jami Asher, Mina Grant
8:35 - 8:55	<i>Taking Care of Those Who Take Care of Animals</i> - Brooke Zurita
8:55 - 9:15	<i>Animal Care Manual for Employee Well-being</i> - Megan Paider
9:15 - 9:25	<i>The Development and Implementation of an Animal Department Multi-level Committee and how it relates to the assistance in Mental Health and Employee Welfare</i> - Rynne Sullivan
9:25 - 9:45	<i>Resources for Employee Retention and Mental Well-being</i> - Jennie Janssen, Meghan Holst
9:45 - 10:00	Break
10:00 - 10:05	Sponsor - 121 Animal Handling
10:10AM - 10:50AM - Institutional Knowledge (Moderator, Marc Duncan)	
10:10 - 10:20	<i>Cross-training for a United Animal Care Staff</i> - Alyssa Daily
10:20 - 10:30	<i>Keeping Up With the Kraken: Releasing Phase 2 of the Karaken Curriculum</i> - Barrett Christie, Jennie Janssen
10:30 - 10:50	<i>AZA Animal Welfare Update and Listening Session</i> - Allen McDowell
10:50 - 10:55	Sponsor - Piscine Energetics
11:00 - 12:00PM	AITAG Update
12:00PM - 1:20PM	Lunch (provided)
1:20 - 1:30	Sponsor - TJP
1:30 - 2:30	FFTAG Update
2:30 - 3:30	MFTAG Update
3:30PM	End Monday Meetings
3:30 - 6:00	Free Time
4:00 - 6:00	Buses to Point Defiance Zoo & Aquarium
6:00 - 8:30	Ice-breaker Point Defiance Zoo & Aquarium
9:00PM - 11:00PM	Hospitality Suite

Tuesday, May 7

8:00AM - 8:05AM	Sponsor - Fritz Aquatics
8:10AM - 10:10AM - Research & Collaboration Pt. 1 (Moderator, Penny Korte)	

8:10 - 8:30	<i>Florida Coral Rescue: Evolving to Build the Reef's Future</i> - Beth Firchau
8:30 - 8:50	<i>Disturbances on Florida's Coral Reef and Plans for Recovery</i> - Tanya Ramseyer
8:50 - 9:10	<i>Developing a Propagation Strategy for Restoring Florida's Coral Reef Using Rescued Corals From Stony Coral Reef Tissue</i> - Morgan Eason
9:10 - 9:20	<i>Corals Across Countries: Using Research For Reef Restoration</i> - Lisa Larkin
9:20 - 9:40	<i>SAFE Shark and Ray: Collaborative Work to Support Elasmobranch Research and Conservation</i> - Beth Firchau, Kelli Cadenas
9:40 - 9:50	<i>Connecting Through the Chondrocensus</i> - Jennie Janssen, Rebecca Duchild
9:50 - 10:10	<i>Restoration aquaculture: A vital collaborative tool for pinto abalone recovery in the Salish Sea</i> - Jennifer Anstey, Brianne Ankenman, Bailey Johnson, Kate Stanley
10:10 - 10:30	Break
10:30 - 10:40	Sponsor - McRoberts Sales
10:40AM - 12:10PM - Research & Collaboration Pt. 2 (Moderator, Luke Schmidter)	
10:40 - 11:00	<i>Collaborative Aquarium Research: A Global Approach</i> - Sandy Trautwein Ph.D
11:00 - 11:20	<i>What Does Progress Look Like? Development of in situ and ex situ Research Programs to Inform Husbandry Practices and Conservation Outcomes</i> - Gregory Barord
11:20 - 11:40	<i>Case Studies in Marine Animal Handling, with Emphasis on Specimens Under Human Care</i> - Clem Kouijzer
11:40 - 12:00	<i>That Time I Made High Schoolers Pretend to Like Jellyfish for Two Years</i> - Rachel Thayer
12:00 - 12:10	<i>A Unique Partnership</i> - Rebecca Leitner
12:10 - 1:20	Lunch (provided)
1:20 - 1:25	Sponsor - Asahi America
1:30PM - 3:00PM - Innovation Pt. 1 (Moderator, Deanna Meyer)	
1:30 - 1:50	<i>Hyperbaric Therapy to Treat Presumed Gas Saturation in a Zebra Shark (<i>Stegastoma tigrinum</i>)</i> - Dr. Kadie Anderson and Tai Belhumeur
1:50 - 2:10	<i>Addressing Symptoms of Head and Lateral Line Erosion in <i>P. hepatus</i> With Recurring Naltrexone Treatments</i> - Miranda Rinne
2:10 - 2:30	<i>Updates on Monogene Assessment and Treatment in Aquarium-housed Eagle Rays</i> - Charlene Burns
2:30 - 2:40	<i>Sodium Bicarbonate and Its Effects on Chloroquine Phosphate Treatments in Aquaria</i> - Alyssa Daily
2:40 - 3:00	<i>Manipulating Omnivory to Navigate Nutrition and Study Survivability in Bonnethead Sharks (<i>Sphyrna tiburo</i>) During Critical Rearing Stages</i> - Kayla Melton
3:00 - 3:20	Break
3:20 - 3:25	Sponsor - Cairns Marine
3:30PM - 5:00PM - Innovation Pt. 2 (Moderator, Sam Rodrigues)	
3:30 - 3:40	<i>Evaluating Black Soldier Fly Larva Meal as a Sustainable Alternative to Fish Meal in Aquarium Diets</i> - Scott Williams
3:40 - 4:00	<i>Implementing a Multi-faceted Behavioral Approach to Mitigate Undesirable Behavior in a Cowtail Stingray (<i>Pastinachus sephen</i>)</i> - Amanda Vaughan (virtual)
4:00 - 4:20	<i>Behavioral Husbandry Through Operant Conditioning of Teleost Species to Reduce Stress and Increase Welfare</i> - Megan Hertel
4:20 - 4:40	<i>The Successful Birth of Sawtooth Sawfish in a Closed Aquarium System</i> - Becki Orze
4:40 - 5:00	<i>Reproductive Husbandry of <i>Mobula hypostoma</i></i> - Lisa Parsons

5:00PM	End Tuesday Meetings
5:00PM - 7:00PM	Free Time (dinner on your own)
7:00PM - 8:30PM	RAW After Dark
9:00PM - 11:00PM	Hospitality Suite
Wednesday, May 8	
8:00AM - 8:05AM	Sponsor - Gulf Specimens Marine Laboratories
8:10AM - 10:10AM - Invertebrate Session Pt. 1 (Moderator, Hunter Woodard)	
8:10 - 8:30	<i>Coral Restoration in the Florida Keys: Lesson Learned from the 2023 "Heat Event"</i> - Ben Daughtry
8:30 - 8:40	<i>This Coral Parasite may be Eating Your Corals and You Would Never Even Know It</i> - Joe Yaiullo
8:40 - 9:00	<i>Spawning and Rearing Diadema antillarum for Coral Restoration</i> - Alex Petrosino
9:00 - 9:20	<i>Too Much of a Good Thing Might Be Okay?</i> - J. Charles Delbeek
9:20 - 9:40	<i>Exploring the Enigmatic: Redefining Mysteries in Aquarium Husbandry of the Salish Sea's Intriguing Marine Invertebrates</i> - Mark Murray and Megan Rusin
9:40 - 10:00	<i>Culturing the Warty Sea Cucumber (Apostichopus parvimensis): Proof That Even Animals With "Warts" Can be Cute</i> - Ellen Umeda
10:00 - 10:10	<i>Tiny Giants: Raising Giant Pacific Octopus</i> - Ali Redman
10:10 - 10:30	Break
10:30 - 10:35	Sponsor - Abyzz
10:40AM - 12:40PM - Invertebrate Pt. 2 (Moderator, Mika Pearce)	
10:40 - 11:00	<i>Charismatic Mesofauna: Culturing and Exhibiting the Common Siphonophore, Nanomia bijuga</i> - MacKenize Bubel, Tommy Knowles
11:00 - 11:20	<i>Trials and Tribulations: Raising and Displaying Chrysaora plocamia</i> - Chelsea Bremer
11:20 - 11:40	<i>"FOR SALE-Mottled Christmas Painting" A Successful Rearing of the Painted Anemone (Urticina crassicornis)</i> - Eric Ng
11:40 - 11:50	<i>Culturing Pachycerianthus fimbriatus</i> - Christy Varga
11:50 - 12:10	<i>Intensive Aquaculture of Sepia bandensis</i> - Connor Gibbons
12:10 - 12:20	<i>Stirring the Pot: A Novel Method for Rearing Marine Invertebrates</i> - Mariah (Riah) Evin
12:20 - 12:40	<i>Healing Sea Star Illness and Injury Through Environmental Management and Immune Support</i> - Tiffany Rudek
12:40 - 1:50	Lunch (provided)
1:50 - 1:55	Sponsor - Dynasty Marine
2:00 - 3:00	RAW Business Meeting
3:00PM	End Wednesday Meetings
3:00 - 3:30	Free Time
3:30 - 5:00	Buses to Seattle Aquarium
5:00 - 6:00	Free Time in Seattle (dinner on your own)
6:00 - 8:00	Evening at Seattle Aquarium
9:00PM - 11:00PM	Hospitality Suite
Thursday, May 9	
8:00AM - 8:05AM	Sponsor - Aquatic Equipment & Design
8:10AM - 9:40AM - The Art of Display (Moderator, Katie Hodges)	
8:10 - 8:30	<i>Creating an Inspiring Displays Toolkit</i> - Marie Collins

8:30 - 8:50	<i>Exhibits Design & Fabrication</i> - Richard Prince
8:50 - 9:00	<i>From the Banks of the Licking River, to the Deep Sea Trenches of Japan: Exhibit Design & Remodeling</i> - Rob Wilson
9:00 - 9:20	<i>Don't Drain the Pool!</i> - Christopher Wojcik
9:20 - 9:40	<i>Acrylic Products, Usage and Maintenance: Keeping Your Acrylic Healthy</i> - Paul O. Gardner
9:40 - 10:00	Break
10:00 - 10:05	Sponsor - Species 360
10:10AM - 11:30AM - Husbandry of Aquatic Plants (Moderator, Chani Daley)	
10:10 - 10:30	<i>MBA's Kelp Forest Exhibit: From Holey to Holdfasts</i> - Kelsey Barker
10:30 - 10:50	<i>How to Grow a Forest in a Fish Bowl: Culturing Bull Kelp for Display</i> - Jessica Soski
10:50 - 11:10	<i>Developing Methods for Growing Bull Kelp (Nereocystis luetkeana) at the Point Defiance Zoo & Aquarium</i> - Wesley Hull
11:10 - 11:30	<i>How Seagrass Can Save the World; A Blueprint in Setting Up a Successful Conservation Project</i> - John Than
11:30 - 11:35	Sponsor - The Aquarium Vet
11:40 - 1:00	Lunch (provided)
1:00 - 1:05	Sponsor - Hayward Flow Control
1:10PM - 2:30PM - RAW Variety Pack Pt. 1 (Moderator, Coleen Kralik)	
1:10 - 1:30	<i>First Day of School: A Systematic Approach to Introducing Aquaculture Fish Into A Multispecies Exhibit</i> - Amy Jo Li
1:30 - 1:40	<i>Jellies on Ice! or How to Keep Your Animals From Overheating in the Ice Apocalypse</i> - Sage Zurita
1:40 - 1:50	<i>Flip and Roll: Bonnets on the Move</i> - Kayla Melton
1:50 - 2:10	<i>Nutritional Considerations For Support Feeding of Elasmobranchs</i> - Scott Williams
2:10 - 2:30	<i>Got Crypt? Who Doesn't!</i> - Kayla Cristell, Brooke White
2:30 - 2:50	Break
2:50 - 3:00	Sponsor
3:00PM - 4:00PM - RAW Variety Pack Pt. 2 (Moderator, Josie Bacholl)	
3:00 - 3:20	<i>Use of a Customized 3D Printed Harness for Buoyancy Control in a Green Sea Turtle (Chelonia mydas)</i> - Shannon McCarthy Smith
3:20 - 3:40	<i>Are We Sure It's Ready? Modeling Animal Nitrogen Excretion for Effective Biological Filter Cycling</i> - Austin Calpin, Becka Plautz
3:40 - 4:00	<i>Supersaturation in Aquariums: Stop Bombing This Interview Question</i> - Steve Bitter
4:00 - 4:15	Closing Remarks
4:15	END RAW SESSIONS
4:15 - 6:00	Free Time (dinner on your own)
6:00 - 9:00	7 Seas Brewery
9:00PM - 11:00PM	Hospitality Suite