

**Regional Aquatics Workshop
Sea Turtle Husbandry Symposium
Draft Program (8 May 06)
Monday, 15 May**

8:00am FFTAG

9:00am AITAG

10:00am Coral CAP

10:30am MFTAG

12:30pm Lunch

1:30pm AQIG

Tim Carpenter/Hassan Syed, ISIS – “ZIMS – What it will do for your Institution”

Tuesday, 16 May

- 8:30am Session 1
- Conference Welcome
 - Franklin Viola – Flower Gardens Bank National Marine Sanctuary Program presentation.
 - Roland Anderson, Seattle Aquarium – “How to keep your GPO happy”
- 10am Break – Meet the Sponsors!
- 10:30am Session 2
- Bruce Carlson, Georgia Aquarium – Cephalopod work with Waikiki Aquarium and Georgia Aquarium.
 - Vanda Lobo, Oceanaria de Lisboa – Oval Squid (*Sepioteuthis lessoniana*) husbandry
 - NRCC – *Sepia pharonis* husbandry advances
- 12:00pm Lunch
- 1:00pm Session 3
- Drew Weiner, Reef Protection International – Project update
 - Roland Anderson, Seattle Aquarium – “Ethics and Invertebrates – Where do we draw the line?”
 - Jay Hemdal, Toledo Zoo – “Institutional Collection Planning for Public Aquariums”
 - Tom Schmid, Texas State Aquarium – “Standardized Guidelines for Fish Collections” *Group discussion, not formal presentation.
- 2:30pm Break – Meet the Sponsors!
- 3:00pm Session 4
- Rubin Fields, Henry Doorly Zoo – “Propagating Nautilus in Artificial Seawater”
 - Nikki Grandinetti, Adventure Aquarium – “The Making of the Adventure Aquarium”
 - Barrett Christie, Moody Gardens – “Extreme Duration Hyposalinity in the Control of *Neobenedenia melleni* (*Monogenea: Capsalidae*), with notes regarding the history of treatment in public aquaria”
 - NRCC – “Summary of Cephalopod Culture at the NRCC”
 - Richard Hocking, Alaska SeaLife Center – “Reproduction in Captive Giant Pacific Octopus” *Poster introduction, not formal presentation.

Tuesday, 16 May (Evening)

- 5:00pm First Busses to NRCC leave front of hotel
- 5:45pm Second busses to NRCC leave front of hotel
- 6:00pm First group leaves NRCC to Historic Strand district
- 6:30pm Second group leaves NRCC to Historic Strand district
*Anyone not wanting to stay downtown until 9pm can ride busses back
- 9:00pm First Busses from Strand back to Moody Gardens
- 10:00pm Second Busses from Strand back to Moody Gardens
- 9:00pm Piscine Energetics Hospitality Suite open til 12:30am

Wednesday, 17 May

- 8:00am Session 5: Elasmobranchs
- Dave Hoffman, Atlantis Aquarium – “Captive husbandry for the genus *Potamotrygon*, emphasis on *P. henlei*, *P. leopoldi* and *P. menchacai*”
 - Erica Clayton, Shedd Aquarium – “The Use of Ultrasound in Monitoring of Reproduction in Freshwater Stingrays, *Potamotrygon* species.”
 - Robert George, D.V.M., Virginia Aquarium – “The Use of Ultrasonography in Managing Reproductive Activity of *Rhinoptera bonasus* in Captivity”
 - Kenny Alexopoulos, Oklahoma Aquarium – “In-House Shark Collection and Proactive Stress Conditioning for Transport of Sensitive Elasmobranchs”
 - Eric Curtis, Shedd Aquarium – “Kiddie Pools: Thinking outside the box”
 - Steve Blair, Aquarium of the Pacific – “The Captive Handling and Restraint of the Freshwater Sawfish: When not to say 1, 2, 3 go!”
- 10:00am Break – Meet the Sponsors!
- 10:30am Session 6: Water Quality/Life Support
- Phillip Lee, NRCC – Anaerobic Denitrification
 - Matt Smith, LS Enterprises – “Getting full performance from packed columns, or How to get your money’s worth”
 - Barrett Christie, Moody Gardens – “Use of Ionic Constituents to Approximate Total System Volume”
- 12:00pm Lunch
- 1:00pm Session 7: Water Quality/Life Support
- John Overby, Ozone Water Systems – Ozone Equipment Selection
 - Andy Aiken, National Aquarium – “Ozone Application and Management in the Aquatic Life Support System (LSS)”
 - Andy Aiken, National Aquarium – Aquality update
- 2:30pm Break – Meet the Sponsors!

Wednesday, 18 May (continued)

3:00pm

Session 8

- Stefanie Cooke, Monterey Bay Aquarium – “Training isn’t just for mammals. How training can be a useful tool to care for a variety of animals”
- Todd Love, Monterey Bay Aquarium – “From Bay to Display: The *Mola mola* on exhibit at the Monterey Bay Aquarium”
- Darryl Deleske, Cabrillo Marine Aquarium – “Don’t sweat it’s only temperate”
- Erik Forsman, Cabrillo Marine Aquarium – “CMA’s Aquatic Nursery Revisited: A year of successes!”
- Ashley Hartness, Adventure Aquarium – “Methods and Techniques for the Husbandry of *Gymnura micrura* in Closed Environments”
- Ed Seidel, Maine State Aquarium – “Ocean as Aquarium: ROV Used as an Aquarium Display”

7:00pm

Icebreaker – Aquarium, Rainforest and SimEx! Iwerks 4-D theatre

10:00pm

Piscine Energetics Hospitality Suite open til 12:30am

Thursday, 18 May

- 8:00am Session 9: Disaster Preparedness
- Greg Whittaker, Moody Gardens – “Proactive Inter-Facility Collaboration”
 - C. Ben Daughtry, Dynasty Marine Associates – “Reporting on Hurricane Wilma”
 - Nahcole Sears, Dynasty Marine Associates – “Managing Husbandry Standards During Times of Diminished Service Capacity”
 - Forrest Young, Dynasty Marine Associates – “ Organization and Leadership During Disaster Recovery”
 - Rich Toth, Aquarium of The Americas – Hurricane Katrina’s aftermath *Tentative pending availability
- 9:30am Break – Meet the Sponsors!
- 10:00am Session 10: Aquatic Animal Enrichment
- George Stettner, Dallas World Aquarium – Introduction of panel and agenda
 - Jill Mellen, Disney’s Animal Kingdom – Evolution of Enrichment
 - Roland Anderson, Seattle Aquarium – “Enrichment for Giant Pacific Octopuses”
 - Margaret Whittaker, Active Environments – Implementing New Ideas into Established Programs
- 11:00am Session 10 Question/Answer Discussion – Group discussion of presentations
- 11:30am Session 10 Working Groups – Smaller focus groups
- Cephalopods led by Roland Anderson
 - Sea Turtles led by Lisa Davis, Disney’s Animal Kingdom
 - FW/Marine Community & Reef led by George Stetner, Jill Mellen & Others (TBA)
- 12:00pm End of Sessions, assemble outside Hotel for Busses to Houston
- 12:30pm Busses leave MG
- 1:45pm Busses arrive Houston Zoo – Lunch served
- 5:00pm Busses leave Houston Zoo for Downtown Aquarium – Food/Drinks served
- 9:00pm Busses leave Downtown Aquarium for MG
- 10:15pm Busses arrive at MG
- 10:00pm Piscine Energetics Hospitality Suite open til 12:30am

Friday, 19 May

- 8:30am Session 11
- RAW Business Meeting
- 10:00am Break – Meet the Sponsors!
- 10:30am Session 12
- Debra Goodrich, Fins, Fur and Feathers – “Can Saltwater Fish Exhibits Utilize Enrichment Practices?”
 - Robert Snowden, Pittsburgh Zoo and PPG Aquarium – “Target Training and Tactile Conditioning of Two Zebra Sharks, *Stegostoma fasciatum*”
 - Heather Crocker, Aquarium of the Pacific – “Positive Buoyancy in Adult Leafy Seadragons”
 - Elsa Santos, Oceanaria de Lisboa – “Trials with Ghost Pipefish”
 - Jessica Trantham, WCS – “Aquarium Science Program at Oregon Coast Community College”
 - Greg Whittaker - Closing remarks
- 12:00pm Palm Beach – Beach party, aquarium olympics
- 9:00pm Piscine Energetics Hospitality Suite open til 12:30am
Goodbye RAW 2006, Welcome Sea Turtle Husbandry Symposium

**Sea Turtle Husbandry Symposium
Galveston, Texas, USA
May 20-21, 2006**

Saturday, 20 May

8:30 – 10:15 Session I

Jeanette Wyneken, Ph.D., Florida Atlantic University

Raising Sea Turtles for Research

Meghan Conti, Florida Fish & Wildlife Conservation Commission

**Got Sea Turtles? An Overview of FWC's Captive Facility
Program and Management Practices**

Mark Swingle, Virginia Aquarium & Marine Science Center

Sea Turtle Husbandry Survey

10:30 – 12:15 Session II

David Rostal, Ph.D., Georgia Southern University

**Reproductive Physiology of Sea Turtles: Observations from
Captive and Wild Populations**

Robert George, DVM, Aquatic Animal Medicine Consultants

**Sex, Drugs, and Rock & Roll: Medical Management of
Reproductively Active Sea Turtles**

Ben Higgins, NOAA Fisheries Service, Galveston Laboratory

**The Kemp's ridley Headstart Program and Sea Turtle Captive
Rearing Programs at the NOAA Fisheries Sea Turtle Facility,
Galveston, Texas**

12:15 – 1:30 Lunch

Posters:

Margaret Cook, Robert George, Wendy Walton and Susan Barco

Virginia Aquarium Stranding Response Program

**Preliminary Blood Chemistry Results for Stranded Sea Turtles
in Virginia**

Wendy Walton, Robert George and Brad Nadelstein

Virginia Aquarium Stranding Response Program

**Ophthalmic Abnormalities in Stranded Sea Turtles from the
Mid-Atlantic United States**

Sunday, 21 May

8:30 am Busses to NOAA Fisheries Sea Turtle Facility for Workshops

Participants may choose only one workshop session. Due to quarantine restrictions, movement from one session to the other will be prohibited.

9:00 – 12:00 Workshop Session I

Sea Turtle Anatomy and Necropsy Techniques

by NOAA Fisheries Staff and Jeanette Wyneken

9:00 – 12:00 Workshop Session II

Physical Diagnosis and Handling of Sea Turtles

by NOAA Fisheries Staff and Robert George, DVM

Sea Turtle Tagging Techniques

by NOAA Fisheries Staff and Kate Mansfield

12:00 pm Busses return to Moody Gardens Hotel

Goodbye from Sea Turtle Husbandry Symposium