



April 1st- 3rd, 2016
Savannah State
University

Schedule

Saturday, April 2nd

- 8:00 Registration
8:30 Poster Set-up
9:00 **Opening remarks**
9:15 **Panel Discussion: Life After SEAMAMMS**
Kelli Edwards, Damon Gannon, Robin Perrtree, Steve Thornton
- 10:15 **Break**
- Session 1 Chair: Damon Gannon**
- 10:45 *Christina Toms et al.*
A report on the potential influence of a record-breaking flood event on bottlenose dolphin (*Tursiops truncatus*) populations in Pensacola Bay, Florida.
- 11:00 *Madison Miketa et al.*
Climate change and responses to seagrass die-off in a top predator, the bottlenose dolphin.
- 11:15 *Bette Rubin*
Blue Whale Vocalizations off the Scotian Shelf using PAM: Analysis and Management Implications.
- 11:30 *Hannah Nylander-Asplin et al.*
Acoustic Monitoring of Bottlenose Dolphins (*Tursiops truncatus*) in the May River, South Carolina.
- 11:45 *Rachael Randall et al.*
Prey availability assessment of the common bottlenose dolphin *Tursiops truncatus* in two locations near Savannah, Georgia.
- 12:00 **Lunch**
- Session 2 Chair: Brian Balmer**
- 13:30 *Carissa King and Quincy Gibson.*
Identification of bottlenose dolphin (*Tursiops truncatus*) critical habitat areas in the St. Johns River, Florida.
- 13:45 *Seth Klepal et al.*
Why there needs to be a universal definition of residency for common bottlenose dolphins (*Tursiops truncatus*) that can be used across different study areas.
- 14:00 *Jessica Thompson et al.*
Estimation of site fidelity for common bottlenose dolphins *Tursiops truncatus* in a complex estuarine system using the Robust Design and multistate analysis.
- 14:15 *Daniela Silva et al.*
Who, Where, and When? Bottlenose Dolphin (*Tursiops truncatus*) Stock Structure off Northern South Carolina.

14:30 **Poster Session** (with refreshments)

Session 3 Chair: Megan Wallen

16:30 *Kyle Massie et al.*

Bottlenose dolphin (*Tursiops truncatus*) association patterns examined off the coast of North and South Carolina.

16:45 *Kristy Karle and Quincy Gibson*

The function of second-order male alliances in bottlenose dolphins (*Tursiops truncatus*) in the St. Johns River, Florida.

17:00 *Cassandra Harris et al.*

Top associates of common bottlenose dolphins (*Tursiops truncatus*): Are they learning human-interaction behaviors from each other?

17:15 *Robin Rowland et al.*

Do Common Bottlenose Dolphins That Interact with Humans Experience Greater Rates of Anthropogenic Injuries?

18:30 **Banquet**- The Pirates' House

Sunday, April 3rd

Session 4 Chair: Alex Costidis

8:30 *Tiffany Ernst et al.*

Glucose transporters in adipose tissues of the bottlenose dolphin, *Tursiops truncatus*: Effects of tissue type and developmental stage.

8:45 *Samantha Theis-Damian et al.*

Assessment of taxonomic-wide patterns in offspring-to-mother ratios at birth in cetaceans.

9:00 *Ana Yanes and Heather Koopman*

Composition and Distribution of Intact Waxes in the Acoustic Jaw Fats of Odontocetes.

9:15 *Jeremy Browning and Spencer Fire*

HAB toxin loads in bottlenose dolphins (*Tursiops truncatus*) in Eastern Florida, 2002-2011.

9:30 **Break** (Judges meeting & poster break-down)

Session 5 Chair: William McLellan

10:00 *Brian Balmer et al.*

Assessing threats from multiple stressors on coastal and estuarine bottlenose dolphins (*Tursiops truncatus*) in southern Georgia.

10:15 *Steven Thornton et al.*

Comparing pygmy (*Kogia breviceps*) and dwarf (*K. sima*) sperm whale skull morphology using morphometrics.

10:30 *Paul Nader and Keith Rittmaster.*

Cold-impregnation plastination of marine mammal soft-tissues.

10:45 **Awards and Business Meeting**

Poster Presentations

1. *John Ososky*. True Stories from the Archives: Smithsonian Curator Frederick True (1858-1914).
2. *Tyler Harrell*. Effect of saturated fatty acid heptadecanoic acid (C17:0) rich diet on the FGF21/Adiponectin/Ceramide axis in bottlenose dolphins (*Tursiops truncatus*).
3. *William McLellan*. Year-round Presence of Beaked Whales off Cape Hatteras North Carolina.
4. *Sarah Walkley*. Vocalizations of North American River Otters (*Lontra canadensis*) in Two Captive Populations.
5. *Chelsea A. Bohaty*. The Effect of Photoperiod on the Migration Habits of the Florida Manatee.
6. *Cheyenne Coleman*. Habitat preference of California sea lions *Zalophus californianus* in relation to environmental variables off the coast of Oregon and Washington.
7. *Allison Martin*. New Zealand Fur Seal (*Arctocephalus forsteri*) Adult Male Site Fidelity.
8. *Cameron Keys*. Spatial patterns of second-order alliances among male bottlenose dolphins (*Tursiops truncatus*) in the St. Johns River, Florida.
9. *Hyun Lee*. Healing in bottlenose dolphins: healing rate of toothrakes in correlation to age and sex.
10. *Emily Sullivan*. Noteworthy non-resident bottlenose dolphin observations in Boca Ciega Bay in 2014.
11. *Emily Griffin*. Understanding movement of common bottlenose dolphins in the Northern Georgia Southern South Carolina Estuarine System Stock.
12. *Jordan Rutland*. Frequency and abundance of calf sightings of the common bottlenose dolphin, *Tursiops truncatus*, in Savannah, GA.
13. *Chance Mckennie*. Analyzing the behaviors of the common bottlenose dolphin *Tursiops truncatus* in Savannah, Georgia.
14. *Carlyn Haas*. Tampa Bay bottlenose dolphins: long term study to explore impacts of the Deepwater Horizon oil spill on a relatively distant and protected population.
15. *Kara Shervanick*. Are the NNCES of bottlenose dolphins exhibiting seasonal variation of their home range?
16. *Claire Johnson*. Water temperature thresholds of bottlenose dolphins in Roanoke Sound, North Carolina.
17. *Jessica Taylor*. Use of Clustered Mark-Recapture Methods to Monitor Bottlenose Dolphins (*Tursiops truncatus*) in the Outer Banks, North Carolina.
18. *Jazmin Garcia*. Changes in *Tursiops truncatus* Distribution and Behavior in the Drowned Cayes, Belize, and Correlation to Human Impacts.
19. *Samantha Schreck*. Do boater restriction zones protect bottlenose dolphin calves in Tampa Bay?
20. *Francesca Battaglia*. A Pilot Study to Quantify Microplastics in Bottlenose Dolphins (*Tursiops truncatus*).

21. Allison A. Galezo. Morphometrics of the dolphin genus *Lagenorhynchus*: deciphering a contested phylogeny.
22. Vicky Thayer. A North Carolina stranding of a white-beaked dolphin, *Lagenorhynchus albirostris*, family Delphinidae, most southerly record in the U.S.
23. Keith Rittmaster. Stranding response and skeletal rearticulation of a dwarf sperm whale (*Kogia sima*).
24. Genesis Gonzalez & Jeremy Mildish. MRI and Volumetric Neuroimaging of Stranded Cetaceans along the Eastern United States.
25. Caitlyn Ruskell. Differences in Rates of Human Interaction Behavior by Common Bottlenose Dolphins (*Tursiops truncatus*) in Waterways near Savannah, GA and St. Catherine's Island, GA.
26. Jasmine Torey. Persistence of Human-Interaction Behavior by Common Bottlenose Dolphins (*Tursiops truncatus*) near Savannah, Georgia.
27. Lisa White. Analysis of Marine Mammal Protection Act Incidental Mortality and Injury Reports.

