

GRADUATE STUDENT SYMPOSIUM SCHEDULE

9:00 Coffee and refreshments

9:30 Opening Remarks

9:35 Plenary Speaker: Christina Kellogg

Oral Presentations – Proposed Research

10:15 The Effects of Increased Temperature on the Metabolic Function of Three Fish Species During Settlement in a Mid-Atlantic Estuary. **Christina Welsh**, Brad Seibel.

10:30 Analysis of Rogue Waves from Buoy Data and Vessel Incidents. **Laura C. Azevedo**, Mark Luther.

10:45 Seasonal $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Isoscapes of Barnacle Populations in the Tampa Bay Estuary. **Ian Williams**, Ernst Peebles.

11:00 Break

11:15 Revisiting Deep Ocean Transit Multibeam Data in a Regional Context to Identify Prospective Areas for Occurrences of Polymetallic Nodules. **Mark Mussett**, David Naar.

11:30 Thermal Physiology of the Red Lionfish (*Pterois volitans*) in the Atlantic. **Alexander Timpe**, Brad Seibel.

11:45 Mapping the entire Florida Platform. **Catherine Dietrick**, David Naar.

12:00 **Lunch**

Oral Presentations – Current Research Including Results

1:15 Hepatobiliary PAH Concentrations in Pelagic Fishes of the Gulf of Mexico. **Madison R. Schwaab**, Erin L. Pulster, Steven A. Murawski.

1:30 Community Structure and Dynamics of Forage Fishes in the Eastern Gulf of Mexico. **Jonathan A. Peake**, Timothy C. MacDonald, Kevin A. Thompson, Christopher D. Stallings

1:45 Hepatic Concentrations of Polychlorinated Biphenyls in Snappers from Cuba and the Wider Gulf of Mexico. **Brigid Carr**, Erin Pulster, Jorge Angulo-Valdez, Steven Murawski.

2:00 **Break**

2:15 West Florida Shelf and Gulf of Mexico Sea Surface Temperature Trends. **Alexander K. Nickerson**, Robert H. Weisberg, Lianyuan Zheng, and Yonggang Liu.

2:30 Quantifying and Monitoring Biodiversity of Coral Reefs in the Florida Reef Tract. **Cara Estes**, Dr. Frank Muller-Karger.

Virtual Poster

2:45 Pteropods of the Northern Gulf of Mexico: Abundance and Distribution of Large Thecosomes and Their Shell Thickness. **Sarah Shedler**, Heather Judkins, Brad Seibel, Michael Vecchione, Dale Griffin.

4:30 **Welcome Back TGIF in MSL Lounge**

5:00 **Awards and Raffle Drawing in MSL Lounge**