

# Manatee Research Symposium

9 September 2021

**UF** | College of Veterinary Medicine  
UNIVERSITY of FLORIDA



## Agenda

9:00	Welcome	Iske Larkin, University of Florida
9:10	<i>Florida manatee hearing, boat noise, and variations in background noises</i>	Athena Rycyk, New College of Florida
9:30	<i>Lipid and hormone indicators of reproductive status in Florida manatees</i>	Elizabeth Brammer-Robbins, University of Florida
9:50	<i>Manatee cognition and conservation</i>	Gordon Bauer, New Florida College
10:10	<i>Research and conservation network for Sirenians in the Amazon estuary</i>	Miriam Marmontel, Research Group on Amazonian Aquatic Mammals/Mamirauá Sustainable Development Institute, Brazil
10:30	<i>Unprecedented mortality of Florida manatees along the Atlantic coast since December 2020</i>	Martine de Wit, FWC, Fish and Wildlife Research Institute
10:50	<i>U.S. Geological Survey Florida manatee biological sample archive</i>	Jason Ferrante, U.S. Geological Survey
11:10	Manatee Sampling Q&A Session	USGS & UF health assessment leads
11:30	Lunch	Straughn Center
12:30	<i>Serological survey of <i>Leptospira</i> spp., <i>Brucella</i> spp., and <i>Toxoplasma gondii</i> in Amazonian manatees in the Western Brazilian Amazon</i>	Thaís Carneiro Santos Rodrigues, Federal University of Uberlândia & Mamirauá Sustainable Development Institute, Brazil
12:50	<i>Impacts of glyphosate on in-vitro T-lymphocyte proliferation in Florida manatees</i>	Maite De Maria Mulet, University of Florida
1:10	<i>Solitary chemosensory cells in respiratory epithelium of the Florida manatee</i>	Meghan Barboza, Southern Connecticut State University
1:30	<i>New long read sequencing resources for the manatee genome and transcriptome</i>	Ana Conesa, University of Florida and Institute for Integrative Systems Biology-CSIC

1:50	<i>Environmental exposure and associated health effects of per- and polyfluoroalkyl substances (PFAS) in Florida manatees</i>	Emily Griffin, University of Florida
2:10	<i>Modeling perinatal manatee populations in order to identify potential hotspots and nursery locations</i>	Sydney Johnson, University of Minnesota College of Veterinary Medicine
2:30	<i>Enhancement of selected manatee rescue response parameters: Drone support of capture and medical support in emergency response</i>	Michael Walsh, University of Florida
2:50	Closing Remarks	Iske Larkin, University of Florida