

# Oyster FARMS

(Farms for Aquaculture Research  
and Monitoring of Shellfish)  
in the Gulf of Mexico



Collaborative, regional, applied approach bringing together researchers, extension specialists, local agents, and commercial growers

# Ploidy Comparison

*What:* Compare triploid seed produced from Louisiana and Florida-west coast specific tetraploids with half-sibling diploids

*When:* Summer 2020 - 2021

*Where:* Commercial farms in MS, AL, FL

*Who:* Auburn University, University of Florida



# Farm Monitoring

*What:* Assess relationships between water quality (continuous monitoring), phytoplankton (weekly monitoring) and health (bimonthly monitoring) with oyster survival

*When:* September 2020 – June 2021

*Where:* Commercial farms in FL Panhandle (Alligator Harbor and Oyster Bay)

*Who:* University of Florida/IFAS



# SALT (Selection of Aquaculture Lines with improved Traits) Project

*What:* Evaluate first generation mosaic line created from wild stocks collected from varying salinity environments

*When:* March 2021 – October 2022

*Where:* Commercial farms in FL, AL, MS, LA

*Who:* USM, AU, UF, LSU, TAMU-CC Consortium

