Summary:

• Starting Summer 2017

• Engage 30 students over three years in interdisciplinary ocean and coastal oriented STEM research, with emphasis on the Texas Coast and Gulf of Mexico

• Participating TAMUG Departments: Marine Biology, Marine Sciences and Ocean Engineering

• Research Areas: Paleoclimatology, Biogeochemistry, Physical/Chemical Oceanography, Geology, Tsunami Numerical Modeling, Trophic and Coastal Wetlands Ecology, Biodiversity and Speciation

• Benefits to the Student:
  ✓ High impact learning experiences through hands-on training to enhance research, communication and metacognitive skills
  ✓ Professional network building through TAMUG Faculty sponsorship
  ✓ Receive tools for success to navigate the academic pipeline
  ✓ Summer stipend ($5560 + fringe); coverage of room and board, travel costs, enrichment activities, local field trips and workshops

Goals:

• Strengthen partnerships with local and regional NSF Louis Stokes Alliance for Minority Participation Programs

• Engage diverse students, emphasizing those representing Hispanic and African American populations

• Foster interest and retention in baccalaureate completion, graduate school matriculation and the pursuit of ocean and coastal oriented STEM careers