

**DMS Seminars**  
**Fall, 2009**

August 21: DMS Student Presentations

**Moo-Joon Shim.** Nutrient transport in the east Pearl River and St. Louis Bay, MS

**Chudong Pan.** A 3 dimensional variational data assimilation system in the Monterrey Bay, CA

September 11: **Dr. Jerry Wiggert (USM).** Seasonal evolution of phytoplankton bloom dynamics and dissolved oxygen within a coupled physical-biogeochemical model of Chesapeake Bay

September 18: DMS Student Presentations

**Allison Mojzis.** Water quality dynamics in the Bay of St Louis, MS

**Zhengzhen Zhou.** Optical properties of size fractionated dissolved organic matter in the lower Mississippi and Pearl Rivers

September 25: **Dr. Alice Ortmann (DISL).** Archaea and their viruses in marine ecosystems

October 2: **Dr. Geoff Sinclair (LUMCON).** Physical and chemical constraints on the near-bottom ecology of *Karenia brevis*

October 16: **Dr. Rusty Feagin (TAMU).** Coastal wetland responses to fault-induced sea level rise: Matagorda, TX

October 23: DMS Student Presentations

**Sarah Epps.** Temporal and spatial distribution of suspended particulate matter in the northern Gulf of Mexico

October 30: **Dr. Joe Griffitt (USM).** Toxicology of metallic nanoparticles to aquatic and estuarine species

November 6: **Dr. Laodong Guo (USM).** Dynamics of carbon and nutrient species in the Mississippi River, Pearl River and northern Gulf of Mexico