

The Texas Sea Grant College Program

Invites you to attend the

Sea Grant Researcher Conference

*September 23, 2004 - September 24, 2004
8:00 am to 4:15 pm - 8:00 am to 11:00 am*

*University of Texas
Marine Science Institute
Auditorium
750 Channelview Drive
Port Aransas, TX*

The conference speakers will be researchers who are currently supported by the Texas Sea Grant College Program. Results of ongoing research will be presented in a public forum. Faculty, staff and students with interests in marine science from universities throughout the state, as well as other interested parties are welcome to attend. A list of speakers and subject areas is attached.

For additional information, contact Peggy Foster at 979/845-1245 or

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Agenda

September 23, 2004

- 0800 Welcome by Lee Fuiman
Introductions and Purpose of Meeting by Robert Stickney
- 0815 Christa Speekmann - "The use of RNA:DNA ratios for assessing the secondary production of planktonic food webs: effects of temperature, salinity and heavy metals"
- 0845 Morgane Lamote - "Effects of drift macroalgae on light attenuation and chlorophyll fluorescence in the seagrass *Thalassia testudinum*?"
- 0915 Scott Holt - "The Role of Larval Supply and Post-Settlement Processes in Recruitment Variability of Southern Flounder Populations"
- 0945 Maria Alvarez- "Do environmentally realistic levels of the insecticide malathion affect red drum larvae in our estuaries?"
- 1015 **Break**
- 1030 Ayal Anis - "Microstructure measurements in a shallow estuary"
- 1100 Celeste Binz - "Gulf Oyster Industry Initiative: Do polychaete annelid mud blisters in oyster shells serve as reservoirs for *Vibrio vulnificus* infections of humans?"
- 1130 David Hicks - "Physiological ecology of recently introduced Gulf of Mexico populations of Asian green mussel, *Perna viridis*"
- 1200 **Lunch Break (Researchers and Sea Grant Personnel MSI Cafeteria)**
- 1300 Sammy Ray - "DermoWatch: Managing oyster disease and monitoring freshwater inflow in the Gulf of Mexico"

- 1330 Troy Holcomb - "New bathymetry of the northwest Gulf of Mexico continental shelf: Progress, examples, applications"
- 1400 Delbert Gatlin - "Progress on the development and application of microsatellite markers to issues of stock enhancement and culture of red drum"
- 1430 Bill Neill - "Ecophysiology of Red Drum growth"
- 1500 **Break**
- 1515 Greg Stunz - "Origins of red drum stocks: Assessing the contribution of different nursery grounds using chemical signatures"
- 1545 Tom Ravens - "Design of tidal creeks for beneficial use marshes"
- 1615 Adjourn

September 24, 2004

- 0800 Peter Thomas - "Reproductive biomarkers in Atlantic croaker exposed to environmental stressors"
- 0830 Hunter Samberson - "Environmentally realistic levels of Atrazine impair protein metabolism in red drum, *Sciaenops ocellatus*, larvae"
- 0900 Daniel Roelke - "Freshwater inflows and productivity in the Guadalupe estuary: Use of high-resolution spatial mapping"
- 0930 Jaime Alvarado-Bremer - Towards automation: Future direction of the molecular identification of Penaeid shrimp"
- 1000 Niall Slowey - "Corals at the Flower Garden Banks: Monitors of environmental change"
- 1030 Scott Socolofsky - "Laboratory studies of exchange processes through tidal inlets on the Texas coast"
- 1100 Adjourn