

25th ANNUAL TEXAS SHRIMP AND MARINE FINFISH CULTURE SHORT COURSE

September 22 – Sept. 28, 2010

PRESENTED BY: The Texas A&M University System (Texas Sea Grant College Program, Texas AgriLife Extension and Texas AgriLife Research) and The University of Texas at Austin (Marine Science Institute, Port Aransas).

LOCATION: The University of Texas Marine Science Institute (UTMSI) Auditorium, 750 Channelview Drive, Port Aransas, Texas. NOTE: Questions concerning the course should be addressed only to the organizers — the Texas Sea Grant College Program (2700 Earl Rudder Freeway South, Suite 1800, College Station, Texas 77845). Contact either Peggy Foster at (979) 845-1245, FAX (979) 845-7525 or pfoster@tamu.edu; or Granvil Treece at (979) 845-7527 or g-treece@tamu.edu.

FOR MORE INFORMATION: The 2010 course announcement brochure and updated agenda will be available at <http://texas-sea-grant.tamu.edu> as changes are made.

Tuesday, September 21	Arrive Port Aransas, Texas.
	<p>Participants are urged to make housing arrangements as soon as possible. The designated hotel for course is Channelview Condominiums, http://www.channelviewcondos.com/index.htm, located at 631 Channelview Drive, P. O. Box 776, Port Aransas, Texas 78373-0776. Directions to the condos are posted on their web site. Telephone for reservations only (800) 234-8110. Office phone and fax (361) 749-6649. These condos are conveniently located just across the marina from the auditorium, where the course meets, but you may stay at any hotel of your choice. These condos are nicely equipped and maintained, with pool, BBQ area and lighted fishing pier in the ship channel. Other suggested hotels in Port Aransas would be Holiday Inn Express at 727 S. 11th Street in Port Aransas, telephone (361) 749-5222 and the Best Western Hotel, telephone (800) 528-1234. Personal arrangements must be made for your travel, hotel stay and food at your own expense.</p> <p>Those arriving via Corpus Christi International Airport are advised that it is 45 miles from Port Aransas and The University of Texas Marine Science Institute. You must rent a car or make arrangements for taxi or limo. We can provide you with a list of names and contact information upon request of other course participants who may want to share hotel or rental car expenses.</p> <p>Dress is casual for all occasions. Tennis shoes, short sleeve shirts and short pants are typical dress in Port Aransas. Insect repellent during outings may be necessary. We will provide you with CDs of course materials, so a laptop computer might be useful.</p>
6:00 p.m. - 8:00 p.m.	Welcome Reception for participants. Location: Channelview Condominiums, 631 Channelview Drive, across the marina from the UTMSI Laboratory. Reception in Room 103 (up the elevator, east side, facing Gulf of Mexico). Food (fajitas, etc. by Peggy Foster) and refreshments furnished.

Wednesday, Sept. 22

- 8:15 a.m. Meet at UTMSI Auditorium and Visitor Center.
Directions: The main UTMSI laboratory is located at 750 Channelview Drive, Port Aransas, Texas. The Auditorium and Visitor Center is part of the same complex, but located on Cotter Street (near the beach).
- 8:30 a.m. - 8:40 a.m. Welcome.
Dr. Lee Fuiman, Director, UT Marine Science Institute, Port Aransas.
- 8:40 a.m. - 9:00 a.m. Briefing of course activities and review of course materials.
Granvil Treece, Texas A&M University (TAMU/Texas Sea Grant College Program).
- 9:00 a.m. - 10:30 a.m. Commercial Marine Finfish Farming (Red drum).
Dr. David Dunseth, Manager, Seaside Aquaculture (retired). Corpus Christi, Texas.
- 10:30 a.m. - 10:45 a.m. Break (coffee, tea or bottled water provided).
- 10:45 a.m. - 12:00 noon Continued: David Dunseth on commercial red drum culture.
- 12:00 noon - 2:00 p.m. Lunch (on your own).
- 2:00 p.m. - 5:00 p.m. Commercial Marine Shrimp Culture, Dr. Joe Fox. Texas A&M University – Corpus Christi.

Thursday, Sept. 23

- 8:00 a.m. – 9:00 a.m. Shrimp Diseases, Dr. Silvia Gomez Jimenez, CIAD, Hermosillo, Sonora, Mexico.
- 9:00 a.m. - 10:30 a.m. Closed Systems, Bioflocs Zero Water Exchange Super-intensive Food-shrimp Production Systems, Live Bait Shrimp Production.
Dr. Tzachi Samocha, AgriLife Research TAMU, Corpus Christi, Texas.
- 10:30 a.m. - 12:00 noon Post Harvest Handling/Processing/HACCP of Shrimp and Finfish.
Dr. Russ Miget, TAMU/AgriLife Extension, Texas Sea Grant Extension, Corpus Christi, Texas.
- 12:00 noon – 1:30 p.m. Lunch (on your own).
- 1:30p.m. - 3:00 p.m. Fisheries and Mariculture Lab (FAML) Facilities Management and Marine Finfish Broodstock.
Jeff Kaiser, Research Scientist Associate, UTMSI/FAML.
- 3:00 p.m. - 4:30 p.m. Raising Marine Fish Larvae from Day 0 to Day 30.
Cynthia Faulk, Research Scientist Associate, UTMSI/FAML.

Friday, Sept. 24

- 8:00 a.m. - 6:30 p.m. Field trip to commercial operations in Palacios (Lonestar Aquafarms - red drum hatchery and farm, 9:30a.m.-11:00a.m.; with drive by Seaside Aquaculture, St. Martin’s shrimp farm and TPWD red drum facility). Lunch at Outrigger in Palacios at your expense (11:30a.m-12:30p.m.). Bowers Shrimp Farm and Processing Plant(s) (catfish and/or shrimp) after lunch until 5pm.
NOTE: Field trip departs at 8 a.m. sharp from Channelview Condo parking lot (631 Channelview Drive, Port Aransas). Please be on time.

	Vans will be provided or you may take your own vehicle.
Saturday, Sept. 25	
8:00 a.m.	Field trip departs at 8 a.m. sharp from Channelview Condo parking lot (631 Channelview Drive, Port Aransas). Please be on time. Vans will be provided or you may take your own vehicle. The field trip should end in Port Aransas around 5 p.m. and we will return to the Channelview Condos.
8:45 a.m.- 10:30 a.m.	Tour 1 TPWD/CCA marine finfish hatchery and ponds. Facilities located at Barney Davis Power Plant on Waldron Road. Tour guide: Robert Adami, TPWD.
10:30 a.m. – noon	Tour 2. . AgriLife Research Mariculture Lab: Super-intensive and Biosecure Food-shrimp Production of Pacific White Shrimp, <i>Litopenaeus vannamei</i> , in Bioflocs Zero Water Exchange Systems, Closed Recirculating Induced Maturation for Penaeid Shrimp, Production of Live Bait Shrimp in Biosecure Zero Water Exchange, Use of the Halophyte <i>Salicornia</i> for Aquaculture Effluent Water Remediation and for Biofuel Production R&D. Dr. Tzachi Samocha and Josh Wilkenfeld.
1:00 p.m. - 3:00 p.m.	Lunch in Corpus Christi at your expense.
3:30 p.m. - 5:00 p.m.	Tour 3. TAMU Shrimp Mariculture Lab. Port Aransas. Dr. Addison Lawrence, TAMU.
Sunday, Sept. 26	Sunday morning is free of scheduled activities.
1:00 p.m. – 2:00 p.m.	Demonstration of “Water Quality Map” software. Dr. Nick Staresinic, Mariculture Consultant and Software Developer, Galveston, Texas.
	Aquaculture Reserve Library for course participants only will be open at the University of Texas Marine Science Institute Auditorium from 2:00 p.m.-5:00 p.m. Check with Peggy Foster for access or to make appointment.
Monday, Sept. 27	
8:30 a.m. - 10:30 a.m.	Superintensive Production of Marine Shrimp. Dr. Addison Lawrence, Texas A&M University/Texas AgriLife Research.
10:30 a.m. - 12 noon	Water Quality and Animal Health. Dr. Joseph Tomasso, Chair and Professor, Department of Biology, Texas State University, San Marcos.
12 noon - 1:30 p.m.	Lunch on your own.
1:30p.m.	Meet at the Fisheries and Mariculture Laboratory, Port Street, Port Aransas (located across town from the Auditorium, near the ferry landing). Turn behind the convenience store on to Port Street. Down one block.
2:00 p.m. - 4:00 p.m.	Tour FAML facilities; laboratory demonstrations on broodstock maintenance and feeding, algae culture, rotifer culture, rotifer counting, <i>Artemia</i> hatching, counting, and larval fish feeding and maintenance. Cynthia Faulk and Jeff Kaiser, UTMSI/FAML.
4:30 p.m – 5:00 p.m.	Issue completion certificates, CEU sign up, course evaluations at FAML.

7:00 p.m.

Channelview Condo pool area or room 103 (depending upon weather, insects, etc.) we'll provide a dinner of sushi by Master Chef and course participant, Frank S. ("Chief") Shibasaki, and refreshments.

Tuesday, Sept. 28

Depart Port Aransas.