

GSS 2006 Schedule

Friday, February 3

6:00 – 9:00 PM	Registration, Dorm check-in	Galathea
7:00 – 10:00 PM	Social	under Horizon / Galathea

Saturday, February 4

7:00 – 8:15 AM	Breakfast, Registration, Dorm check-in	Horizon 1
8:30 – 10:00	Session 1	Horizon 4 and Galathea
10:00 – 10:30	Break	Horizon 1
10:30 – 12:00	Session 2	Horizon 4 and Galathea
12:00 – 1:00 PM	Lunch	Cafeteria
1:00 – 2:30	Session 3	Horizon 4 and Galathea
2:30 – 3:00	Break / Poster session	Horizon 1
3:00 – 4:00	Session 4	Horizon 4 and Galathea
4:30 – 5:30	Keynote Talk	Galathea
6:00 – 12:00	Banquet	Estuarium
12:00	Banquet continues	Cafeteria porch / Dorms

Sunday, February 5

7:00 – 9:00 AM	Breakfast, Dorm check-out	Galathea
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Schedule of Presentations

Session 1

8:30 – 10:00

Horizon 4

Galathea

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| STABLE ISOTOPE AND DIETARY ANALYSIS OF FISHES ASSOCIATED WITH DEEP-SEA SHIPWRECKS IN THE NORTHERN GULF OF MEXICO
Morris, Nicole | 8:30 | ECOLOGY OF INSHORE LIZARDFISH IN THE NORTHERN GULF OF MEXICO
Jeffers, Sarah |
| GULF OF MEXICO RED SNAPPER OTOLITH STABLE ISOTOPE MICROCHEMISTRY
Zapp, Michelle L. | 8:45 | INVESTIGATIONS INTO SHARK TROPHODYNAMICS WITHIN THE GULF OF MEXICO
Drymon, Marcus |
| CONTRASTING LEVELS OF GENETIC DIFFERENTIATION IN TWO SPECIES OF CARIBBEAN REEF FISHES (CHAENOPSIDAE: <i>Acanthemblemaria</i>)
Eytan, Ron I. | 9:00 | EFFECTS OF FOOD AVAILABILITY ON NUTRITIONAL CONDITION AND GROWTH OF NAKED GOBY, <i>Gobiosoma bosc</i>
Satterwhite, Michelle C. , Donald M. Baltz, Edward J. Chesney, and Timothy P. Foster |
| VARIATIONS IN HEAT SHOCK PROTEIN 70 EXPRESSION AMONG DEVELOPMENTAL STAGES AND TISSUE TYPES IN THE EASTERN OYSTER, <i>Crassostrea virginica</i>
Ueda, Nobuo and Anne A. Boettcher | 9:15 | RECRUITMENT, SPATIAL DISTRIBUTION, AND FINE-SCALE MOVEMENT PATTERNS OF RED DRUM (<i>Sciaenops ocellatus</i>) THROUGH MAJOR AND SHALLOW PASSES IN TEXAS
Bushon, Amanda , Greg W. Stunz, and Megan M. Reese |
| CHEMICAL EXTRACTION OF CUTICULAR COMPOUNDS INVOLVED IN MATE RECOGNITION OF <i>Palaemonetes pugio</i> (CARIDEA: PALAEMONIDAE)
Caskey, Jodi L. and Raymond T. Bauer | 9:30 | DISTINGUISHING WILD FROM HATCHERY PRODUCED JUVENILE RED SNAPPER WITH OTOLITH CHEMISTRY
Gibson, Suzanne , William F. Patterson, Ron P. Phelps, and William P. Patterson |
| MORPHOLOGICAL AND MOLECULAR VARIATION IN THE SNAPPING SHRIMP, <i>Alpheus floridanus</i> , FROM THE GULF OF MEXICO AND ADJACENT WATERS
Bracken, Heather and Darryl L. Felder | 9:45 | SIMULATING THE EFFECTS OF CHANGES IN WATER QUALITY AND WATER COLUMN STRUCTURE ON THE MORTALITY RATES OF BAY ANCHOVY (<i>Anchoa mitchilli</i>) EGGS AND LARVAE IN THE PATUXENT RIVER ESTUARY
Adamack, Aaron , Kenneth A. Rose, Denise L. Breitburg, Alex J. Nice, and Wu-Seng Lung |

Session 2
10:30 – 12:00

Horizon 4		Galathea
EVALUATING FISHERIES BENEFITS OF RESTORED OYSTER REEFS ALONG AN ENVIRONMENTAL GRADIENT Gregalis, Kevan and Sean P. Powers	10:30	FUNGAL ASSOCIATES OF CAPTIVE ATLANTIC BOTTLENOSE DOLPHINS (<i>Tursiops truncatus</i>) Kennedy, Allison
INDIVIDUAL AND COMMUNITY LEVEL RESPONSES OF FISH TO RESTORATION OF MARINE BIOGENIC HABITAT Geraldi, Nate	10:45	INFECTIONS OF <i>Dermomycooides</i> sp. IN SOUTHEASTERN RANID FROG SPECIES Cook, Joshua O. and Robin M. Overstreet
SPORT FISH UTILIZATION OF AN INSHORE ARTIFICIAL OYSTER REEF IN BARATARIA BAY, LOUISIANA Simonsen, Kristen	11:00	THE EFFECT OF PARASITISM ON THE MORPHOLOGY AND REPRODUCTION STRATEGY OF <i>Aurelia</i> sp. (SCYPHOZOA: SEMAESOSTOMEAE) IN MLJET LAKE, CROATIA. Chiaverano, Luciano M.
ESTIMATING REEF FISH COMMUNITIES AT ARTIFICIAL REEF SITES USING A REMOTELY OPERATED VEHICLE Dance, Michael and William Patterson III	11:15	THE EFFECTS OF DIETARY CHOLESTEROL AND PHOSPHOLIPIDS ON GROWTH AND PRODUCTION IN THE SEA URCHIN <i>Lytechinus variegatus</i> Gibbs, Victoria K. , Stephen A. Watts, Addison L. Lawrence, Mickie L. Powell, Hugh S. Hammer, Warren T. Jones, and John M. Lawrence
DOES INCREASED HABITAT STRUCTURE PROVIDE INCREASED REFUGE FROM PREDATION? Steeves, Carly R. and Ken L. Heck	11:30	THE FUNCTIONAL MORPHOLOGY OF THE INJECTING APPARATUS OF <i>Speleonectes tanumekes</i> (CRUSTACEA: REMIPEDIA) van der Ham, Joris and Bruce E. Felgenhauer
RECOVERY AND RESILIENCE OF CORAL ASSEMBLAGE ON MANAGED AND UNMANAGED REEFS IN BELIZE: A LONG-TERM STUDY Bood, Nadia	11:45	POPULATION STRUCTURE IN A MARSH SNAIL AS AN INDICATOR OF THERMAL REGIMES Dennis, Alice B.

Session 3

1:00 – 2:30

Horizon 4

Galathea

DISTRIBUTION AND HABITAT VALUE OF <i>Ruppia maritima</i> IN THE UPPER LAGUNA MADRE, TEXAS McIver, Molly K.	1:00	WATER QUALITY AND LAND USE: COMPARISONS IN TIME AND SPACE Broussard, Whitney P. and R. Eugene Turner
THE EFFECT OF HURRICANE KATRINA ON THE METABOLISM AND PRIMARY PRODUCTIVITY OF SEAGRASS (<i>Halodule wrightii</i> AND <i>Ruppia maritima</i>) MEADOWS Antón, Andrea, Just Cebrián, Carlos M. Duarte, C. Drew Foster, Kate Sheehan, Joshua Goff, and Mary-Elizabeth Miller	1:15	COMMUNITY STRUCTURE AND GRADIENTS OF ANTHROPOGENIC STRESS: DEVELOPING AN ESTUARINE INDEX OF BIOTIC INTEGRITY IN BARATARIA BAY, LOUISIANA Roth, Agatha-Marie F., Jamie L. Maiaro, and Donald M. Baltz
REASSESSMENT OF THE EFFECTS OF GRAZING ON SEAGRASS EPIPHYTES: IMPLICATIONS FOR GRAZER MEDIATED CHANGE IN EPIPHYTE PRODUCTIVITY AND ITS IMPLEMENTATION IN GRAZING RATE CALCULATIONS Stutes, Jason and Just Cebrian	1:30	INFLUENCE OF LAND USE IN THE LAST CENTURY ON THE CORAL COMMUNITIES IN BAHÍA ALMIRANTE, BOCAS DEL TORO, PANAMA Hilbun, Nancy L., Rich Aronson, and Thomas S. Bianchi
THE IMPACT OF THE AMERICAN OYSTER (<i>Crassostrea virginica</i>) ON SEAGRASS GROWTH RATES Booth, Dale Marie and Ken L. Heck	1:45	POTENTIAL NITRIFICATION RATES AND THE FACTORS THAT INFLUENCE THESE RATES IN ESCAMBIA BAY, PENSACOLA, FLORIDA Smith, Kristen and Jane M. Caffrey
RECRUITMENT AND COMPOSITION OF MACROALGAE ALONG THE ROCKY JETTIES OF PACKERY CHANNEL, CORPUS CHRISTI, TEXAS Fikes, Ryan L.	2:00	SPECTRAL FINGERPRINTING OF POLYNUCLEAR AROMATIC HYDROCARBONS IN NATURAL WATERS USING A NEW DUAL-DISPERSION EXCITATION-EMISSION FLUOROMETER Jones, Cheryl
BELOWGROUND BIOMASS OF <i>Spartina alterniflora</i> : GEOGRAPHIC VARIABILITY AND EUTROPHICATION Darby, Faith A.	2:15	ACTIVITY OF THE MISSISSIPPI DIAMONDBACK TERRAPIN (<i>Malachlemys terrapin plieata</i>) ALONG THE ALABAMA COAST Borden, Joel, Gabriel J. Langford, and David H. Nelson

Session 4

3:00 – 4:00

Horizon 4

Galathea

DMSO PRODUCTION IN THE ROSS SEA, ANTARCTICA del Valle, Daniela A. , D.J. Kieber, J. Bisgrove, and R.P. Kiene	3:00	QUANTIFYING OPHIUROID BIOTURBATION IN EVENT STRATIFIED SEDIMENTS VIA TIME-SERIES DIGITAL X-RADIOGRAPHY OF LABORATORY MICROCOSMS Neylon, Skyler-Bree and Samuel J. Bentley
WATER EXCHANGE THROUGH MAIN PASS AND PASS-AUX-HERONS IN MOBILE BAY, ALABAMA Kim, Choong-Ki , Kyeong Park, Hoon-Shin Jung and William W. Schroeder	3:15	THE EFFECT OF TROPICAL STORM CINDY ON FISH AND INVERTEBRATE COMMUNITIES OF A SUBMERGED AQUATIC VEGETATION MEADOW IN BILOXI MARSH, LOUISIANA Maiaro, Jamie L. and Donald M. Baltz
IMPACTS OF A NEW TIDAL INLET ON ESTUARINE NEKTON: THE OPENING OF PACKERY CHANNEL IN CORPUS CHRISTI, TEXAS Reese, Megan M. , Gregory W. Stunz, and Amanda M. Bushon	3:30	THE USE OF HYPERSPECTRAL REMOTE SENSING TO EVALUATE PLANT SPECIES RICHNESS ON HORN ISLAND, MISSISSIPPI Lucas, Kelly L. and Gregory A. Carter
TIDAL EXCHANGE OF CARBON AND NUTRIENTS IN AN EVERGLADES MANGROVE FOREST de Mutsert, Kim , Victor H. Rivera-Monroy, and Robert R. Twilley	3:45	COMPARISON OF SUBTIDAL AND INTERTIDAL MACRO-BENTHIC COMMUNITIES ON THREE ISLANDS IN THE DAVIS BAYOU AREA OF THE MISSISSIPPI SOUND SOUTH OF OCEAN SPRINGS, MISSISSIPPI Ferguson, Heather J. and Chet F. Rakocinski

Posters

2:30 – 3:00

CONTRASTING NEKTON DENSITIES
AMONG *Spartina* MARSH-EDGE SITES
IDENTIFIED AS HEALTHY OR AT RISK
Cogburn, Stephanie A., Donald M. Baltz, and
DeWitt H. Braud

ROLE OF PHEROMONES IN INITIATING
THE SPAWNING MIGRATION OF FEMALE
BLUE CRABS, *Callinectes sapidus*: A
PRELIMINARY EXPERIMENT
Darnell, Michael Z.

CROSS-TALK BETWEEN PYRENE AND
HYPOXIA SIGNALING PATHWAYS IN
EMBRYONIC *Cyprinodon variegatus*
Hendron, Laura A., Erik A. Carlson, Steve
Manning, and Marius Brouwer

ANALYSIS OF HYPOXIA RESPONSIVE
GENES IN GRASS SHRIMP BY DNA
MICROARRAY
Li, Tiandao

BOWER CHARACTERISTICS AND
DISTRIBUTION ALONG A THERMAL
GRADIENT OF INVASIVE
MOUTHBROODING NILE TILAPIA,
Oreochromis niloticus, IN COASTAL
MISSISSIPPI
McDonald, Jennifer L.

DOES HERBIVORY BY THE SEA URCHIN,
Lytechinus variegatus, AND THE PARROT
FISH, *Sparisoma radians*, INDUCE
CHEMICAL DEFENSES IN TURTLEGRASS,
Thalassia testudinum?
McKay, Kelly M. and Ken L. Heck

EFFECTS OF SALINITY AND HERBICIDE
EXPOSURE IN SEAGRASS
Mintz, Molly, Kelly Major, and Anne Boettcher

MICROPHYTOBENTHIC PRODUCTIVITY
ASSOCIATED WITH THE PLACEMENT OF
ARTIFICIAL OYSTER REEFS IN SOUTHERN
ALABAMA
Plutchak, Rochelle, C. Drew Foster, Andrea
Anton, Kate Sheehan, Just Cebrian, and Kelly
Major

UPTAKE OF BENZO-A-PYRENE (BaP) IN A
HOST-PARASITE SYSTEM
Sheehan, Kate