

Student Presentation Schedule

Session IA Auditorium Room 104 Moderator:

9:45 EVALUATING A POTENTIAL RISK TO LOUISIANA'S BLUE CRAB FISHERY: EXPOSURE OF THE ESTUARINE BLUE CRAB (*Callinectes sapidus*) TO CYANOTOXINS PRESENT IN LAC DES ALLEMANDS, LA

Ana Cristina Garcia

10:00 AN UNEXPECTED DISCOVERY OF SPAWNING BLUE CRABS OFFSHORE ON SHIP AND TRINITY SHOALS, LOUISIANA

Carey Gelpi

10:15 THE INFLUENCE OF ECOLOGICAL AND PHYSICAL FACTORS ON THE SETTLEMENT AND VIABILITY OF THE MOON JELLY (Scyphozoa; *Aurelia sp*) IN THE NORTHERN GULF OF MEXICO

Mary-Elizabeth Miller

10:30 TRANSPORT OF OYSTER LARVAE IN RESPONSE TO TIDE, RIVER AND WIND IN MOBILE BAY AND THE ADJACENT EASTERN MISSISSIPPI SOUND, AL

Choong-Ki Kim

10:45 ICHTHYOPLANKTON DYNAMICS IN A TIDAL ESTUARY

Matthew Kupchik

Session IB Marine Education Room 103 Moderator:

9:45 THE INVASION OF EURASIAN MILFOIL (*Myriophyllum spicatum*) IN MOBILE BAY: A CAUSE OF CONCERN FOR NATIVE SPECIES?

Charles W. Martin

10:00 RESPONSE OF A LOUISIANA SALT MARSH TO ARTIFICIAL SEA LEVEL RISE

Kristen Butcher

10:15 APPLICATION OF LEAF TISSUE CHEMISTRY TO THE IDENTIFICATION OF FACTORS LIMITING BIOMASS PRODUCTION IN *Spartina patens* TO IMPROVE RESTORATION OF COASTAL MARSHES

Vanessa Tobias

10:30 STUDY OF ABSORPTION BY COLORED DISSOLVED ORGANIC MATTER FOR THREE DIFFERENT WATER TYPES AND PHYTOPLANKTON ABSORPTION FOR CULTURES AND NATURAL SAMPLES

Puneeta Naik

10:45 USING NET ECOSYSTEM METABOLISM TO DETERMINE THE HEALTH OF THE BARATARIA BAY ESTUARY

Brenda Leroux Babin

Session IIA Auditorium Room 104

Moderator:

11:15 USING MEDICAL GEOGRAPHY TO STUDY SPATIO-TEMPORAL PATTERNS OF CORAL BLEACHING

Jennifer Lentz

11:30 NO-TAKE RESERVES AND THE BENTHIC ASSEMBLAGES OF FLORIDA'S CORAL REEFS

Lauren T. Toth

11:45 THE AMPHIPODA OF THE GREAT BARRIER REEF

Kristine White

12:00 SEASONAL VARIATION IN MAXIMUM QUANTUM YIELD (F_V/F_M) OF SYMBIOTIC DINOFLAGELLATES IN *Montastrea faveolata* FROM INNER LAGOON REEFS AND OUTER BARRIER REEF

Karl D. Castillo

12:15 INVESTIGATING PLANKTON DISTRIBUTIONS USING VIDEO PLANKTON RECORDER DATA COLLECTED IN WILKINSON BASIN, GULF OF MAINE IN EARLY WINTER 1998

Christian Briseno

Session IIB Marine Education Room 103

Moderator:

11:15 USING BEFORE-AFTER-CONTROL-IMPACT (BACI) ANALYSIS ON A SMALL-SCALE OIL SPILL IN LOWER BARATARIA BAY

Agatha-Marie Roth

11:30 MARSH FOOD WEBS: INDIRECT EFFECTS AND PRESSURES.

Tiffany Pasco

11:45 DO CRYPTIC SNAIL SPECIES DIFFER IN FREEZE TOLERANCE?

Alice Dennis

12:00 UNDERSTANDING THE USE OF BARRIER ISLANDS AS NESTING HABITAT FOR LOUISIANA BIRDS OF CONCERN

Cecilia M. Leumas

12:15 THE PHYLOGEOGRAPHY OF *Necturus beyeri* IN THE SOUTHEASTERN UNITED STATES

Ryan Chabarria

Session IIIA Auditorium Room 104

Moderator:

1:45 THE EFFECT OF SHRIMPING SEASON ON THE DIET OF LAKE PONTCHARTRAIN CATFISHES: PRELIMINARY GUT CONTENT DATA FROM GAFFTOPSAIL CATFISH (*Bagre marinus*) AND HARDHEAD CATFISH (*Ariopsis felis*)

Scott Eustis

2:00 SITE FIDELITY AND MOVEMENT OF REEF FISHES TAGGED AT UNREPORTED ARTIFICIAL REEF SITES OFF NORTHWEST FLORIDA

Dustin Addis

2:15 MOVEMENT PATTERNS OF SPOTTED SEATROUT, *Cynoscion nebulosus*, IN CALCASIEU LAKE, LOUISIANA

Jody Callihan

2:30 EFFICACY OF VENTING PROTOCOL ON JUVENILE RED SNAPPER, *Lutjanus campechanus*, EXPOSED TO RAPID DECOMPRESSION

Karon Radzik

2:45 ESTIMATING THE CONTRIBUTION OF ATLANTIC KING MACKEREL (*Scomberomorus cavalla*) TO MIXED WINTER LANDINGS

Kate Shepard

3:00 CATCH DATA CAN BE MISLEADING WHEN ASSESSING THE STATE OF FISHERIES AND FISHERIES ECOSYSTEMS: A GULF OF MEXICO CASE STUDY REVISITED

Kim de Mutsert

Session IIIB Marine Education Room 103

Moderator:

1:45 THE EFFECT OF LIGHT ON HYPOXIC BOTTOM WATER OXYGEN CONCENTRATIONS IN THE NORTHERN GULF OF MEXICO

Melissa Baustian

2:00 SUBSIDIZING THE DEAD ZONE ...?

Whitney Broussard

2:15 DENITRIFICATION ENZYME ACTIVITY AS AN INDICATOR OF NITRATE LOADING IN A WETLAND RECEIVING DIVERTED MISSISSIPPI RIVER WATER

Lisa M Gardner

2:30 SIMULATED FLUXES OF WATER, NUTRIENT, CARBON AND CHLOROPHYLL A THROUGH THE BARATARIA BAY PASSES

Anindita Das

2:45 QUANTIFICATION OF AVERAGE ANNUAL NUTRIENT AND SEDIMENT LOADS AROUND THE LAKE PONTCHARTRAIN BASIN

Rachel Roblin

3:00 OCCURRENCE AND TURNOVER OF DMSP AND DMS IN THE DEEP WATERS OF THE ROSS SEA, ANTARCTICA

Alison Rellinger

Session IVA Auditorium Room 104

Moderator:

3:30 VENOM TOXICITY AND METABOLIC COSTS ASSOCIATED WITH VENOM PRODUCTION IN ATLANTIC STINGRAY, *Dasyatis sabina*

Laura A. Enzor

3:45 DOES THE SHARK POPULATION OF TERREBONNE BAY, LA CONSUME DOMOIC ACID CONTAMINATED PREY?

Ross Del Rio

4:00 COPPER SPECIATION WITHIN WATERS OF THE YUKON RIVER BASIN

Hailong Huang

4:15 REMOVAL OF PHARMACEUTICALLY ACTIVE COMPOUNDS BY A LAGOON-WETLAND WASTEWATER TREATMENT SYSTEM IN SOUTHEAST LOUISIANA

Jeremy Landon Conkle

4:30 A MODIFIED MODEL TO DETERMINE OF HENRY'S LAW CONSTANT FOR PCE AS A FUNCTION OF AQUEOUS CYCLODEXTRIN AND TEMPERATURE

Heng Gao

Session IVB Marine Education Room 103

Moderator:

3:30 PRELIMINARY RESULTS OF THE VELOCITY VARIATIONS AND MOTIONS INDUCED BY HURRICANES CINDY AND DENNIS IN THE NORTHERN GULF OF MEXICO DURING THE 2005 HURRICANE SEASON

Jennifer Coor

3:45 EFFECTS OF HURRICANE KATRINA AND THE FLOODPLAIN ON TRACE ELEMENT TRANSPORT THROUGH THE PEARL RIVER, MISSISSIPPI

MooJoon Shim

4:00 EXAMINING THE EFFECTS THE SUBTERRANEAN ESTUARY HAVE ON THE TRANSPORT OF U-238 SERIES
RADIONUCLIDES

Christopher G. Smith

4:15 BEHAVIOR OF EXCHANGE FLOW IN A PHYSICAL MODEL

Gabriel Retana

4:30 GIS APPLICATION ON WAVCIS

Yuliang Chen

Student Poster Presentation Schedule

CONTEMPORARY AND HISTORICAL TRENDS IN FISH COMMUNITIES OF THE PEARL RIVER

Aaron Geheber

GEOPHYSICS, LITHOLOGY, AND SEDIMENTOLOGY ON THE INNER SHELF/NEARSHORE OFF THE FLORIDA PANHANDLE, GULF OF MEXICO, USA

Amy Spaziani

THE EFFECTS OF *Chrysomya rufifacies* ON THE NATIVE INSECT CARRION COMMUNITIES OF SOUTHEASTERN LOUISIANA

Bonnie Richard

A PRELIMINARY STUDY ON MOLECULAR SYSTEMATICS OF MEXICAN POPULATIONS OF THE MOUNTAIN MULLET, *Agonostomus monticola* (TELEOSTEI: MUGILIDAE)

Caleb McMahan

POPULATION STRUCTURE AND GENETIC DIVERSITY OF *Xenotoca eiseni* (GOODEIDAE): IMPLICATIONS FOR CONSERVATION

Carys Kenway

THE ROLE OF NUTRIENT LOADED FRESHWATER PULSES ON SEASONAL PHYTOPLANKTON SUCCESSION AND PHYCOTOXIN PRODUCTION IN BRETON SOUND, LOUISIANA

Jessica Czubakowski

SPATIAL AND SEASONAL PATTERNS OF PARASITE ASSEMBLAGES OF GRASS SHRIMP IN MOBILE BAY, AL

Kate L. Sheehan

THE ANNUAL CYCLE OF SPERM STORAGE AND SEASONAL VARIATION IN THE OVIDUCT OF THE FEMALE MEDITERRANEAN GECKO, *Hemidactylus turcicus* (REPTILIA: GEKKONIDAE)

Mallory Eckstut

USE OF HURRICANE-GENERATED WASH-OVER CORRIDORS BY FISHES AT THE CHANDELEUR ISLANDS, LOUISIANA: PRELIMINARY DATA ON POTENTIAL ECOLOGICAL IMPACTS AND FISH INTERACTIONS

Mark "Chad" Ellinwood

ASSESSMENT OF CURRENT SEAGRASS CRITICAL HABITAT IN RESPONSE TO DRAMATIC SHORELINE CHANGE RESULTING FROM THE 2005 HURRICANE SEASON FOR THE CHANDELEUR ISLANDS

Matthew Bethel

QUANTITATIVE MAPPING OF CYANOBACTERIAL BLOOMS FROM OCEANSAT-1 OCM SATELLITE DATA: AN EMPIRICAL APPROACH

Padmanava Dash

RED DRUM (*Sciaenops ocellatus*) HABITAT USE IN AN URBAN SYSTEM; PRELIMINARY DATA FROM REINTRODUCED FISH IN BAYOU ST. JOHN, NEW ORLEANS

Sunny J. Brogan