DEGREES AWARDED BY THE DEPARTMENT/COLLEGE OF MARINE SCIENCE,
UNIVERSITY OF SOUTH FLORIDA
(through December 2007)
DOCTOR OF PHILOSOPHY DEGREES

DOCTORAL DISSERTATIONS, U.S.F. COLLEGE OF MARINE SCIENCE, 2007

BOEHME-TERRANA, Linae
Trace metals and stable isotopes as tracers of life history and trophic connections in estuarine-dependent fish from Tampa Bay, Florida

MILROY, Scott
A three-dimensional biophysical model of light, nutrient, and grazing controls on phytoplankton competition affecting red tide maintenance on the west Florida shelf

ADORNATO, Lori
Oceanic interfaces: Investigations of biogeochemical changes across nutriclines and frontal boundaries

FISHER, Elizabeth
Assessing the health of coral reef ecosystems in the Florida Keys at the community, individual, and cellular scales

LEVERONE, James
Comparative effects of the toxic dinoflagellate Karenia brevis on bivalve mollusks from Florida

DOCTOR OF PHILOSOPHY DEGREES
DOCTORAL DISSERTATIONS, U.S.F. COLLEGE OF MARINE SCIENCE, 2006

BURGHART, Scott
Micronektonic Community Composition and Trophic Structure Within the Bathypelagic Zone in the Eastern Gulf of Mexico

CASPER, Brandon
The Hearing Abilities of Elasmobranch Fishes

CHEN, Zhigang
Monitoring Water Quality in Tampa Bay: Coupling in situ and Remote Sensing

HILL, Heather
Abrupt Climate Change During the Last Glacial Period: A Gulf of Mexico Perspective

KILBOURNE, Kelly
Tropical Atlantic and Caribbean Climate Variations During the Past Eight Centuries
LENES, Jason
Saharan dust and phosphatic fidelity: a three dimensional biogeochemical model of *Trichodesmium* on the West Florida Shelf.

LIU, Yonggang
Patterns and dynamics of ocean circulation variability on the West Florida Shelf

PALANDRO, Dave
Coral Reef Habitat Change and Water Clarity Assessment (1984-2002) for the Florida Keys National Marine Sanctuary Using Landsat Satellite Data

QUINN, Kelly
Influence of Solution and Surface Chemistry on Yttrium and Rare Earth Element Sorption

QUINTANA-RIZZO, Ester
Group Fission-Fusion Dynamics and Communication in the Bottlenose Dolphin (Tursiops Truncatus)

SEREBRENNIKOVA, Yulia
Ammonium distribution and dynamics in relation to biological production and physical environment in the Marguerite Bay region of the West Antarctic Peninsula.

SMITH, Jennifer
Geochemical Signatures in the Coral Montastraea: Modern and Fossil Perspectives

VANDERBLOEMEN, Lisa

**DOCTOR OF PHILOSOPHY DEGREES**
**DOCTORAL DISSERTATIONS, U.S.F. COLLEGE OF MARINE SCIENCE, 2005**

NABABAN, Bisman
Bio-optical Variability of Surface Waters in the Northeastern Gulf of Mexico.

MASSERINI, Rob
Ammonium, Nitrate, and Nitrite in the Oligotrophic Ocean: Detection Methods and Usefulness as Tracers.

VIRMANI, Jyotika
Ocean-Atmosphere Interactions on the West Florida Shelf.
McDANIEL, Lauren
   Lysogeny: Practical Applications and New Discoveries

LESTER, Kristen
   Zooplankton of the West Florida Shelf: Relationships with Karenia Brevis Blooms

DOCTOR OF PHILOSOPHY DEGREES
DOCTORAL DISSERTATIONS, U.S.F. COLLEGE OF MARINE SCIENCE, 2004

JOLLIFF, JASON
   The Relative Influence of Coastal Effluent and Deep Water Masses on Surface Optical
   Properties and Margin Productivity in the Northeastern Gulf of Mexico: A Three-
   Dimensional Simulation Analysis

RICHARDSON, RALPH
   Florida Bay Microalgal Blooms: Physiological and Competitive Strategies of Bloom
   Forming Cyanobacteria and Diatoms in Florida Bay.

WARRIOR, HARI V.

JOHN, DAVID E.
   Transport and Survival of Water Quality Indicator Microorganisms in the Ground
   Water Environment of Florida: Implications for Aquifer Storage and Waste Disposal

SIMONIELLO, CHRISTINA
   The Effect of Temperature on Metabolic Characteristics and Biochemical Structure:
   Indices of Thermal Sensitivity in Mesopelagic Fishes

WARIK, BORIS
   Diversity and Production of Phytoplankton in the Offshore Mississippi River Plume
   and Coastal Environments

WILLIAMSON, SHANNON J.
   Lysogeny, Pseudolysogeny, and Sporulation in the Marine Environment

SHEHANE, STEPHANEY D.
   From Source to Tap: Tools and Techniques for Investigations into Public and
   Environmental Health Issues Associated with Water
HELBER, ROBERT
   Upper Ocean Upwelling, Temperature, and Zonal Momentum Analyses
   In the Western Equatorial Pacific

HOLLAND, CHIRSTINA
   Interannual Volume Changes and Heat Transport Pathways in the Tropical
   Pacific

JARRETT, BRETT
   Late Quaternary Carbonate Sediments and Facies Distribution Patterns Across a Ramp to
   Rim Transition: A New Depositional Model for the Southwest Florida Platform

QUINTERO-BENTANCOURT, WALTER
   Assessment of Current and New Methods for Investigating the Occurrence of Enteric
   Pathogens in Ambient Waters and Water Resources for Rehydration of a Floridan
   Wetland

DOCTORAL DISSERTATIONS, U.S.F. COLLEGE OF MARINE SCIENCE, 2002

AMES, AUDRA
   Lipid Chemistry of the Florida Manatee, Trichechus manatus latirostris

TOLER, STRAWN
   A Study of test breakage and calcification in bleaching-stressed Amphistegina gibbosa
   (Foraminifera)

CATTRALL, CHRISTOPHER
   Retrieval of Columnar Aerosol Phase Function and Single-Scattering Albedo
   From Sky Radiance over the Ocean: Measurements of African Dust

TALGE, HELEN K.
   Cytology of Symbiont Loss (Bleaching) in Amphistegina Gibbosa

WILLIAMS, DANA E.
   Population Ecology of Bleaching-Stressed Amphistegina Gibbosa in the Fla

HE, RUOYING
   The response of the West Florida Shelf to Forcing at Tidal, Synoptic, Seasonal
   and Inter-Annual Time Scales.
DOCTORAL DISSERTATIONS, U.S.F. COLLEGE OF MARINE SCIENCE, 2001

BURROUGHGS, STEVEN M.
Upper-Truncated Power Laws and Self-Similar Criticality in Geophysical Processes

CALLAHAN, MICHAEL R.
Light Scattering and Liquid Core Waveguides: An Exploration of Two Novel Spectrophotometric Techniques for the Enhanced Measurement and Analysis of Aquatic Constituents.

DIX, THOMAS L.
The Distribution and Ecology of Benthic Foraminifera of Tampa Bay, Florida

DONALDSON, KIM A.
Molecular Evolution of a Coding and a Non-Coding Region of the Mitochondrial Genome of Three Transisthmian Species of Fishes (Centropomidae: Centropomus).

SUTTON, TRACEY T.
Analysis of Pelagic Ecosystem Structure

BURWELL, David Carl
Modeling the Spatial Structure of Estuarine Residence Time: Eulerian and Lagrangian Approaches

DOTHEROW-McFIELD, Melanie Ann
The Influence of Disturbance and Management on Coral Reef Community Structure In Belize

HAFEN, Mark Radley
Sediment Movement and Comparative Sedimentary Morphology, West Florida Shelf

SCHMIDT, Nancy Jeanne
Influence of Climate Variability on Tampa Bay, Florida

SLIFKO, Theresa Renee
Development and Evaluation of a Quantitative Cell Culture Assay for Cryptosporidium Disinfection Studies

SUTTON, Pamela Lynn
The Physico-Chemical Interactions of Polycyclic Aromatic Hydracarbons (PAHs) in Seawater: Solubility and Sorption
DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT/COLLEGE OF MARINE SCIENCE, 2000:

BERNSTEIN, Renate
   Radiolarians from the Western North Pacific Ocean: A Latitudinal Study of their Distributions and Fluxes

BOEHME, Jennifer Ruth
   Artificial and Natural Fluorescence of Dissolved Organic Matter in the Tampa Bay Estuary

PENTA, Bradley
   Phytoplankton Competition on the West Florida Shelf: A Simulation Analysis with “Red Tide” Implications

WETZEL, Dana

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1999

FOLEY, Allen M.
   Nesting Ecology of the Loggerhead Turtle (Caretta Caretta) in the Ten Thousand Islands, Florida.

GEIGER, Stephen
   A Comparative Assessment of Biochemical Measures of Nutritional Condition in Pelagic Organisms: Oceanic Frontal Systems as Natural Laboratories

GRIFFIN, Dale
   Microbiological Studies of Florida Water Quality

LIPP, Erin
   Occurrence, Distribution and Transport of Human Pathogens in Coastal Waters of Southwest Florida

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1998:

DEL CASTILLO, Carlos

KAWALL, Helena
Metabolic Adaptation of Antarctic Organisms: Responses to the Ice-Edge Bloom and Cold Adaptation.

KELLOGG, Christina
Genetic Diversity and DNA Repair of Environmental Marine Vibriophages.

LI, Zhenjiang
Upwelling Circulation on the West Florida Continental Shelf.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1997:

BISSETT, William Paul
Carbon Cycling in the Upper Waters of the Sargasso Sea.

DUNCAN, David S.

HOU, Weilin
Characteristics of Large particles and their Effects on the Submarine Light Field.

JI, Zaihua
Indian Ocean Circulation and Heat Budget in a Numerical Model.

LIU, Xuewu
Fractionation Behavior of the Rare Earths in Natural Waters: The Role of Carbonate Complexation and Phosphate.

MOYER, Michael A.
The Reproductive Ecology of the Calico Scallop, *Argopecten gibbus* (Linneaus), and Mass Mortality Linked to a Protistan.

PIERCE, Renee Bishop
Leptocephalus Energetics: An Examination of a Unique Developmental Strategy.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1996:
ARNOLD, William S.  
Temporal and Spatial Pattern of Shell Growth in Hard Clams (*Mercenaria spp.*) from the Indian River Lagoon, Florida.

GILBES, Fernando  
Analysis of Episodic Phytoplankton Blooming and Associated Oceanographic Parameters on the West Florida Shelf Using Remote Sensing and Field Data.

JIANG, Chengyang  
Lysogeny and Transduction in the Marine Environment.

LEE, Eunil  
Late Quaternary Sediments and Rapid Deposition of Pelagic Carbonates on the Central West Florida Continental Slope.

LIU, Zhengrong  
The Origin and Evolution of the Easter Seamount Chain.

LU, Yan-Tian  
Physiological Energetics of Larvae and Juveniles of the Bay Scallop, *Argopecten irradians* concentricus.

PEEBLES, Ernst B.  
Ontogenetic Habitat and Diet Selection in Estuarine-Dependent Fishes: Comparisons of Observed Patterns with Model Predictions.

QIAO, Lin  
Empirical Studies of Equatorial Ocean Dynamics from the Tropical Instability Wave Experiment.

TOSCANO, Marguerite A.  
Late Quaternary Stratigraphy, Sea-Level History, and Paleoclimatology of the Southeast Florida Outer Continental Shelf.

**DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1995:**

MALLINSON, David J.  
Geology and Geochemistry of the Miocene Hawthorn Group in Northeast Florida: Implications for Paleoceanography, Paleoclimate, and Carbon and Phosphorus Cycles.

NETRATANAWONG, Toedsit
Stable Isotope Investigation of the Hydrological Cycle of West-Central Florida.

RAST, Jonathan P.
Rearranging Genes of the Chondrichthyan Immune System.

WANG, Chunzai
Numerical, Analytical, and Observational Studies of Tropical Ocean-Atmosphere Interactions.

WRIGHT, Eric
Sedimentation and Stratigraphy of the Suwannee River Marsh Coastline.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1994:

FRISCHER, Mark
Natural Plasmid Transformation in the Marine Environment.

LEE, Zhongping
Visible-Infrared, Remote-Sensing Model and Applications for Ocean Waters.

LEONARD, Lynn

PRIBBLE, J. Raymond
New Production Within Gulf-Stream Induced Cyclonic Eddies in the South Atlantic Bight and the Resultant Carbon Flux to Depth: Results of a Combined 3-Dimensional Biological/Physical Simulation Model.

SNYDER, Stephen W.

TOLLEY, S. Gregory
Physiological Energetics of the Common Snook, Centropomusundecimalis.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1993:

BRIGHTMAN, Ross I.
Energetics and RNA-DNA Ratio in Larval Red Drum Sciaenops ocellatus.

CONLEY, Walter

KOCH, Evamaria W.

LEE, Jonghyeon
Rare Earth Element and Yttrium Speciation in Seawater: Influence of Temperature and Pressure.

LOUDA, J. William
The Biogeochemistry of Chlorophyll.

MEYERS, Mark B.
The Response of Oceanic Phytoplankton to Nitrate Flux in the eastern Gulf of Mexico.

PEEBLES, Mark W.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1992:

BARBER, Timothy R.
Biogeochemistry of Light Hydrocarbons in South Florida Wetlands.

BRELAND, Jabe A.
Spectrophotometric Determinations of the pH and the Total Alkalinity of Sea Water Utilizing Sulfonephthalein Indicators.

KIM, Ki-Hyun

ROBERT-BALDO, Gillian
An Examination of Pyrite and Marcasite Oxidative/Dissolution Rates in Sea Water.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1991:

DURAKO, Michael J.
Carbon Dynamics of the Seagrass Thalassia testudinum.
GIBEAUT, James C.
Morphodynamic Classification, Evolution, and Modeling of Unstructured Inlets in West Central Florida.

GREGG, Watson W.
Simulation of the 1979 Spring Bloom in the Mid-Atlantic Bight: A Coupled Physical/Biological/Optical Model Designed for CZCS Data.

**DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1990:**

ERDMAN, Robert B.
Reproductive Ecology and Distribution of Deep-Sea Crabs (Family Geryonidae) from Southeast Florida and the Eastern Gulf of Mexico.

GARTNER, John V., Jr.
Ecology of the Lantern Fishes (Pisces: Myctophidae) of the Eastern Gulf of Mexico, with Emphasis on Age, Growth, and Reproductive Patterns of the Numerically Dominant Species.

SHUERT, Paul G.
Ecosystem Analysis of the Bering/Chukchi Seas Using a Coupled Time Dependent Physical/Biological Simulation Model.

**DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1989:**

CONKRIGHT, Margarita E.
Stable Carbon Isotope Compositions During the Thermal Alteration of Organic Matter.

EVANS, Mark W.
Late Miocene to Quaternary Seismic and Lithologic Sequence Stratigraphy of the Charlotte Harbor Area: Southwest Florida.

JEFFREY, Wade H.
Validation of ($^3$H) Thymidine Incorporation and its Application to Detecting Natural Transformation in the Marine Environment.

**DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1988:**

ACKER, James G.
Factors Influencing the Dissolution of Aragonite in the Oceanic Water Column.

WOODS, Terri L.
Calculated Solution-Solid Relations in the Low Temperature System Ca-MgO-FeO-CO₂-H₂O.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1987:

AZZARELLO, Marie Y.
A Comparative Study of the Developmental Osteology of Hippocampus zosterae and Syngnathus scovelli.

DEFLAUN, Mary F.
The Distribution and Molecular Characterization of Dissolved DNA in Aquatic Environments.

MANGINI, Maurizio A.
Molecular Zoogeography of Florida Snook (Pisces: Centropomidae): by a Simplified Technique for the Purification of Fish Mitochondrial DNA.

PARSONS, Glen R.
Life History and Bioenergetics of the Bonnethead Shark, Sphyra tiburo (Linnaeus): a Comparison of Two Populations.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1986:

BROOKS, Gregg R.
Recent Continental Slope Sediments and Sedimentary Processes Ordering a Non-Rimmed Carbonate Platform: Southwest Florida Continental Margin.

KUMP, Lee R.
The Global Sedimentary Redox Cycle.

DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1985:

BURKE, Roger A.
Stable Hydrogen and Carbon Isotopic Compositions of Biogenic Methanes.
DOCTORAL DISSERTATIONS, U.S.F. DEPARTMENT OF MARINE SCIENCE, 1984:

BARBER, Bruce J.
Reproductive Energy Metabolism in the Bay Scallop, *Argopecten irradians* concentricus (Say).

CUBA, Thomas R.
Successional and Seasonal Events in the Fouling of Naturally Occurring Substrate in a Subtropical Estuary.

MASTER OF SCIENCE DEGREES
(Through December 2007)

MASTER THESIS, COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2007

DUNN, Shane
Acoustic sediment classification of benthic habitats in Tampa Bay

VAN DEVENTER, Michelle
Brevetoxins in marine birds: Evidence of trophic transfer and the role of prey fish as toxin vector

MOBBERLEY, Jennifer
Molecular and genomic studies of temperate phages from *Halomonas aquamarina* and *Bacillus* spp. isolates from the Gulf of Mexico

BAILEY, Kathryn
The use of microarrays in the detection of the gene expression of ribulose-1,5-bisphosphate carboxylase/oxygenase (RuBisCO) in the marine environment

LINVILLE, Amanda
Bathymetric alterations due to urbanization and their effect on salinity, flow field, and transport time for Tampa Bay, FL

SALEEM, Shihadah
Geomorphology of submarine springs west of Fort Myers, FL
DE LA PAZ, Lucia
Changes in the abundance and distribution of humpback whales, Megaptera novaeangliae, in Hervey Bay Marine Park, Australia, based on aerial surveys conducted in 1992 and 2004

CIEMBRONOWICZ, Kate
The relationship of the initial flooding depositional facies to global sea level and climate on the Marion Plateau, NE Australia (ODP Leg 194)

RATHMELL, Katie
The influence of the loop current on the diversity, abundance, and distribution of zooplankton in the Gulf of Mexico

RICHEY, Julie
A 1400-year multi-proxy record of climate variability from the northern Gulf of Mexico

STAIR, Kristine
Assessing the reproducibility of skeletal geochemistry records in Atlantic corals using Montastraea annularis heads from the Dry Torugas, Florida

WILSON, Monica
Effects of extreme events on residual circulation for Tampa Bay, Florida

MASTER THESES, COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2006

AULT, Danylle
Temporal and spatial distribution of chlorophyll on the West Florida Shelf

CAESAR, Nicole
An evaluation of the along track reef imaging system (ATRIS) for efficient reef monitoring and rapid groundtruthing of EAARL LIDAR.

CROSS, Eric
Hydrogen isotopic ratios of algal and terrestrial organic matter in Lake Tulane, FL: from a modern calibration to the reconstruction of paecloclimatic and paleohydrologic conditions.

DELONG, Kristine
Reconstructing 20th Century SST Variability in the Southwest Pacific: A replication Study Using Multiple Coral Sr/Ca Records from New Caledonia

GAYDOS, Dana
Modeling the advantages and disadvantages of coral-algal symbiosis
GUSTAFSON, Steve

HENSON, Joshua
Strategic geographic positioning of sea level gauges to aid in early detection of tsunamis in the Intra-Americas sea.

LODICO, Jenna
Sub-millennial scale climatic and hydrologic variability in the Gulf of Mexico during the early Holocene.

LONG, Amy
Control of Lysogeny in Marine Bacteria: Studies with Ohsic and Natural Polulations

PALMER, Denise
Late Holocene Planktic foraminifera assemblages from Orca Basin

SILVERMAN, Noah
Assessing the consequences of hurricane induced fragmentation of mangrove forest on habitat and nekton in Big Sable Creek, Florida

SINGH, Lizz
Seasonal and Spatial trends of Karenia brevis Blooms and Associated Parameters Along the 10-Meter Isobath of the West Florida Shelf

SOTO, Inc.

WALL, Carrie
Linkages Between Envrironmental Conditions and Recreational King Mackerel Catch off West-central Florida

CALLAHAN, Michael
Distribution of Clionid Sponges in the Florida Keys National Marine Sanctuary (FKNMS)

FAUVER, Laura
Toward Predicting Barrier Island Vulnerability: Simple Models for Dune Erosion

CARNAHAN, Elizabeth
Foraminiferal Assemblages as Bioindicators of heavy metal concentrations in Biscayne Bay, Florida.

LORENZONI-GONZALEZ, Laura
The influence of local rivers on the Eastern Cariaco Basin, Venezuela

FARMER, Andrew
Bottom albedo derivations using hyperspectral spectrometry and multispectral video”

SUTHARD, Beau
A Siliciclastic-Filled Sedimentary Basin in a Mid-Carbonate Platform Setting, Tampa Bay, Florida.

QUIGLEY, Wendolyn
Variations in sedimentation rates and depositional controls of the open-marine, marsh-dominated coastline from Bayonet Point to the Suwannee River, Florida.

HILL, Randy
Standardizing the Auditory Evoked Potential Technique: Ground-Truthing Against

WOLFSON, Monica
Multibeam observations of mine scour and burial near Clearwater, Florida, including a test of the VIMS 2D Burial Model.

DANIELS, Camille
Development and Application of the SEDCON Index for Coral Reef Ecosystems

NICHOLS, Bryan
Characterizing Sound Production in Near Shore Rockfishes (Sebastes spp.)

DU, Chunzi
Autonomous Optical Measurements in Bayboro Harbor (St. Petersburg, Florida)

MONTES, Martin
Monte Carlo Simulations as a Tool to Optimize Target Detection by AUV/ROV Laser Line Scanners

BROADBENT, Heather
Development of a CTD System for Environmental Measurements Using Novel PCB MEMS Techniques

MASTER THESES, COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2004
ORDRIOZOLA, ANA LUCIA
  On the Color of the Orinoco River Plume

SHEPS, KATHRYN
  Bio-Optical Variability of Surface Waters in the Northeastern Gulf of Mexico

DEWITT, NANCY T.
  The Depositional History of Three Freshwater Lakes in North-Central Florida: Brooklyn Lake, Levys Prairie and Cowpen Lake.

HAVENS, JULIE A.
  A Stable Isotope Examination of Particulate Organic Matter During Karenia brevis Blooms on the Central West Florida Shelf: Hints at Nitrogen Sources in Oligotrophic Waters.

WALKER, ROBERT A.
  Photosynthesis and Respiration in Five Species of Benthic Foraminifera that Host Algal Symbionts.

OBROCHTA, STEPHEN

BRODERSEN, JUSTIN
  Inner-Shelf Bottom Boundary Layer Development and Sediment Suspension During Tropical Storm Isadore on the West Florida Shelf.

BELLUCCI, JOEL
  The Effects of Seasonal Change on Copepods and Euphausiids Off the Western Antarctic Peninsula: Result from Biochemical Assays and Respiration Studies

GRAY, MICHAEL A.
  Detection and Quantification of Karenia Brevis by Carbon Fixation Gene Expression Analysis.

HICKEY, TODD D.
  Geological Evolution of South Florida Pleistocene-Age Deposits With an Interpretation Of the Enigmatic Rock Ridge Development
CANNIZZARO, JENNIFER PATCH
Detection and Quantification of *Kerena brevis* blooms on the West Florida Shelf

PILLSBURY, LORI A.
Spatial and Temporal Chemical Variations in the Hillsborough River System

MALICK, LISA ANN
Light Quality and Phytoplankton Viability

THURMAN, PAUL E.
Life History and Energy Budget of *Pronotogrammus martinicensis* (Serranidae: Anthiinae)

SCOLARDI, KERRI M.
Distribution, Metabolism and Trophic Ecology of the Antarctic Cydippid Ctenophore, Callianira Antarctica, West of the Antarctic Peninsula

EGNER, SARAH A.
Auditory Sensitivity of Sergeant Majors (*Abudedefuf sakatilis*) from Post-Settlement Juvenile to Adult

VAN GAALLEN, JOSEPH F.
Longshore Sediment Transport from Maine to Florida: A Comparison of Deep Water Wave Hindcasts and Over 60 Years of Compiled Research

**MASTER THESES, COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2003**

GRIGSBY, MICHELLE D.
Biochemical Adaptation of Mesopelagic Fishes to the Oxygen Minimum Zone

BERNS, DONNA M.
Physiological Responses of *Thalassia testudinum* and *Ruppia maritima* To Experimental Salinity levels

WETZELL, LAUREN
Simple Models for Predicting Dune Erosion Hazards along the Outer Banks of North Carolina

STEPHANS, CHRISTIE
Assessing the Reproducibility of Coral-based Climate Records: A Multi-proxy Replication
Test using Three *Porites lutea* Coral Heads from a Reef Offshore Amedee Island, New Caledonia

STOVAL-LEONARD, ANTOYA
Characterization of CDOM for the study of Carbon Cycling in Aquatic Systems

GENNACCARO, ANGELA L.
Detection of Infectious Cryptosporidium Parvum in Reclaimed Water

LAW, JASON
Deep Ocean Effects on Outer Shelf Flow: A western Boundary Current Case Study

LINDEMANN, MARCUS A.
Aspects of Mudskipper Audition: Hearing Thresholds and Inner Ear Ultrastructure

TYNER, ELIZABETH
Calcium Carbonate Production on the Central West Florida Continental Shelf

WILDER, DOUGLAS T.
Relative Motion History of the Pacific-Nazca (Farallon) Plates Since 30 Million Years Ago

IDOCKS, TRACY
Evaluation of Automated Ribotyping as a Tool for Bacterial Source Tracking in Aquatic Environments

KILBOURNE, HALIMEDA
A Coral Window on Western Pacific Climate During the Pleistocene

McINTYRE, MICHELLE
Testing a Model for Deriving Bathymetry from Airborne Hyperspectral Data by Comparing with Multibeam Sonar Data

LYBOLT, MATTHEW
Count or Pointcount: Is Percent Octocoral Cover An Adequate Proxy for Octocoral Abundance?

MASTER THESES, COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2002:

DUKEMAN, ANGELA
The Reproductive Cycle of the Flame Scallop, Lima scabra scabra (Born 1778), from
the Lower Florida Keys, USA

HACKETT, KEITH
A comparative Study of Two Video Analysis Methods to Determine Percent Cover of Stony Coral Species in The Florida Keys.

LENES, JASON
Iron Fertilization of Trichodesmium off the West Coast of Barbados: A One-Dimensional Numerical Model.

MAROT, MARGARET E.
Beryllium-7 and Trace Element Distribution in the Sediments of Lake Pontchatrain, Louisiana.

WRIGHT, AMY K.
Subpolar North Atlantic Surface and Deep Ocean Circulation During the Mida Pleistocene Revolution.

COSDEN, JEANETTE M.
Geochemistries of Pd and Pt: Speciation and Fractionation in Seawater

BERMAN, GREGORY A.
Geophysics and Hydrodynamics of Egmont Channel: An Anomalous Inlet At the Mouth of Tampa Bay, Florida

HOARE, ANA M.
Analysis of Biscayne Bay Sediments: Do Benthic Foraminifera Reflect Trace Metal Contamination?

JACUKIEWICZ, JENNIFER A.
Foraminiferal Assemblages in Lagoonal Sediments of Grovers Reef Atoll, Belize.

MASTER THESES, COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2001:

DARROW, BRIAN P.
An Analysis of Factors Effecting the Growth of Benthic Microalgae Following the Decline of a Surface Phytoplankton Bloom

COULLIETTE, Angela D.
Impact of Sample Collection and Processing on Cryptosporidium Parvum Oocyst
Infectivity

CREVISON, Heidi Lynne
Sediment Cores From the Florida Keys: Is Resolution Sufficient for Environmental Application?

GILBERT, Sherryl
Can the TOPEX/Poseidon Altimeter Make Useful Observations of Equatorial Inertia-Gravity Waves?

JARRELL, Jennifer Lee
Use of Synthetic Polypeptide to Determine the Sex and Reproductive Status of Field Caught Red Grouper

McLAUGHLIN, Molly
Evaluation of the Bacteroides Fragilis Phage Assay as an Alternative Indicator of Sewage Pollution

MONTGOMERY, Annabel Edith
Detection and Enumeration of Cryptosporidium Parvum in Marine Sediments, Wastewater Sludge, and Shellfish, by Immunomagnetic Separation (IMS) and Immunofluorescent Assay (IAF) Methods

NELSON, Eric Eduard
The Role of Subaerial Geomorphology in Coastal Morphodynamics of Barrier Island, Outer Banks, N.C.

WAY, Candace Jean
Reproductive Variation in the Bay Scallop, Argopecten Irradians (Lamarck) Along Florida’s West Coast

MASTER THESES, DEPARTMENT/COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2000:

PATTERSON, Matthew
Sponge (Phylum Porifera) Distribution of the Florida Keys

CUMMINS, JENNIFER L.
Bioactive Compounds from Corallistidae, Marine Sponge

TURKSON, Nicole
Mechanisms of Multidrug Resistance in a Human Uterine Sarcoma Cell Line Following Exposure to Discodermolide, A New Microtubule-Stabilizing Compound from a Marine
Sponge

CRAWFORD, Charles
Comparison of Genetic Variation and Genetic Composition of Hatchery-Reared Redfish (Sciaenops Ocellatus) to Wild Redfish Populations.

KLUNGNESS, Greta
Development of Novel Techniques to Determine Hydrolysis Constants of Rare Earths, Yttrium and Iron

BROWN, Jordan
Diel Rhythms in Rubisco Gene Expression in Cyanophytic and Chromophytic Clades of Cultured and Natural Populations of Phytoplankton

MERMAN, Elizabeth
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POLANDRO, David
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