

**DEGREES AWARDED BY THE DEPARTMENT/COLLEGE OF MARINE SCIENCE,
UNIVERSITY OF SOUTH FLORIDA**

(through December 2008)

DOCTOR OF PHILOSOPHY DEGREES

DOCTORAL DISSERTATIONS, U.S.F. COLLEGE OF MARINE SCIENCE, 2008

DELONG, Kristine

Paleoclimatic reconstruction and evaluation of sub-centennial climate variability in the late Holocene using records from massive corals (New Caledonia), tree-rings (New Mexico) and speleothems (China)

FLEWELLING, Leanne

Vectors of brevetoxins to marine mammals

MARRARI, Marina

Characterization of the Western Antarctic Peninsula Ecosystem: Environmental Controls on the Zooplankton Community

NEELY, Merrie Beth

Benthic microalgae and nutrient flux in Florida Bay, USA

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

VANDEBLOEMEN, Lisa

Satellite Analysis of Temporal and Spatial Chlorophyll Patterns on the West Florida Shelf
(1997-2003)

**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.

Parameterization of the Light Models in Various General Ocean Circulation Models.

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, BRET

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
Keys (1991-1999): Influence of Solar Radiation on Reef-Dwelling Foraminifera

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

BURROUGHS, 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 Hydrocarbons (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

Filename: DEGREESdms.doc

WETZEL, Dana

Novel Techniques and Temporal Trends in Assessing the Distribution of Petroleum Hydrocarbon Contamination and Accumulation in the Canals of Venice, Italy 1985-1998.

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

Optical Characteristics of the Colored Dissolved Organic Matter in the Eastern Caribbean, West Florida Shelf, and the Arabian Sea: Relationship between Chemical Characteristics and Optical Response.

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.

Geologic and Paleoceanographic Evolution of the Serranilla Basin: Northern Nicaragua Rise, Caribbean Sea.

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* (Linnaeus), 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 Paleooceanography, 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

Environmental and Physical Factors Controlling Sediment Transport and Deposition in Microtidal Marsh Systems: Implications for Marsh Stability.

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.

Miocene Sea-Levels: Frequency and Amplitude Estimates from the Carolina Platform.

TOLLEY, S. Gregory

Physiological Energetics of the Common Snook, Centropomus undecimalis.

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

Population Structure and Trophodynamics of Lanternfish (Pisces: Myctophidae) Larvae of the Eastern Gulf of Mexico.

KOCH, Evamaria W.

Hydrodynamics of Flow Through Seagrass Canopies: Biological, Physical and Geochemical Interaction.

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.

Carbonate Sedimentology and Foraminiferal Ecology of Deep, Current-Swept Platforms, Northern Nicaraguan Rise, Caribbean Sea.

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

Rare Earth Element Chemistry in Sea Water / by Ki-Hyun Kim. 1992.

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 (^3H) 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, Sphyrna 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 2008)

MASTER THESES, COLLEGE OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 2008

ANDERSON, Kelley

Can waters around Durney Key, Pasco County, FL support coral recruitment to artificial substrates?

BAKER, Rebekah

Distribution patterns of larger symbiont-bearing Foraminifera of the Florida Reef Tract, USA

CULLINS, Tammy

Antifreeze proteins in pelagic fishes from Marquerite Bay (Western Antarctica)

DIETZ, Marianne

Investigating Environmental Change Due to Hypoxic Conditions on the Louisiana Continental Shelf: A Geochemical Approach

DOW, Ian

Epifaunal assemblage of a newly established oyster reef with two substrates

FLANNERY, Jennifer

A 1400 Year Multi-Proxy Record of Hydrologic Variability in the Gulf of Mexico: Exploring Ocean-Continent Linkages During the Late Holocene

HUDSON, Erica

Determining the usefulness of aerobic and anaerobic enzyme assays as proxies for rockfish ecological data

RAMIREZ, Alexa

Patch reefs in Biscayne National Park, FL: Sediments, Foraminiferal Distributions, and a comparison of three biotic indicators of reef health

SYMONDS, Erin

Viruses in Raw Sewage and Their Potential to Mark Fecal Pollution in Coastal Environments

WHITAKER, Jessica

Orbital- to Millennial-Scale Variability in Gulf of Mexico Sea Surface Temperature and Salinity During the Late Pleistocene

MASTER THESES, 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 paeloclimatic 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

Post-disturbance growth of *Montastraea annularis* and *Porites astreoides* in the Caye Caulker Marine Reserve, Belize, 2002-2003.

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

SOTO, Inia

Masters Degrees Through August 2005

SINGH, Lizz

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

WALL, Carrie

Linkages Between Environmental 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

Australian Great Barrier Reef Initiation Timing Constrained by Seaward Shallow-Water
Sediment Drift Architecture.

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 *Kerenia 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 (*Abudefduf sakatilis*) from Post-Settlement Juvenile to Adult

VAN GAALEN, 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 Pontchartrain, Louisiana.

WRIGHT, AMY K.

Subpolar North Atlantic Surface and Deep Ocean Circulation During the Mid-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 Glovers 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

Atmospheric Inputs to the Tropical Ocean – Unlocking the Record in Annually Banded Corals

POLANDRO, David

Coral Reef Change Detection Using Landsats 5 and 7: A Case Study Using Carysfort Reef in the Florida Keys

ZHANG, Haiying

High Frequency Wind Forcing from NSCAT in a Model of the Indian Ocean Circulation

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1999:

SEIGEL, Eric

Currents Observed Across the West Florida Continental Shelf

DONAHUE, Brian Timothy

Modern Morphodynamics and Holocene Evolution of an Inner Shelf/Estuarine Transition Zone on the West Florida Shelf

BENDIS, Brian J.
Water Quality Trends in Tampa Bay, Florida

CONMY, Robin Nicole
Characterization and Optical Properties of Colored Dissolved Organic Matter During the Coastal Mixing and Optics Experiment Using in Situ and Discrete Sampling Methods

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1998:

BLACK, Brian
A Description of the Circulation on the West-Florida Continental Shelf.

BURGHART, Scott E.
Effects of a Rapidly Receding Ice Edge on the Abundance, Age Structure And Feeding of Three Dominant Calanoid Copepods in the Weddell Sea, Antarctica.

KUSEK, Kristen M.
Florida Red Tides from a Scientific and Public Information Perspective.

LEVY, Kelli Hammer
The Use of Analytical Zero as an Indicator of Nutrient Limitation in Surface Waters Near Continental Margins.

MACDONALD, Timothy C.
The Influence of Moonlight, Temperature, Hydrostatic Pressure and Zooplankton Abundance upon the Vertical Distribution and Relative Abundance of Micronekton in the Epipelagic Zone at Night.

NICOSIA, Lara A.
Assessment of On-Site Disposal Systems for the Removal of Viruses

OLSON, Dawn M.
Spatial Patterns of Reflectance in Florida Bay from 1972-1992: Change Detection Analysis of Landsat Multispectral Data.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1997:

COCHRAN, Pamela K.

Environmental Factors Affecting Lysogeny in the Marine Environment.

MCELLIGOTT, Sean

Thermodynamics of Marine Carbon Dioxide System.

PRATT, Patty

Testing a Model for Extracting Bottom Type and Water Depth from Simulated Underwater Imagery to be Applied to Satellite or Airborne Imagery.

SLIFKO, Theresa R.

A Cultural Method for Detecting Infectious *Cryptosporidium* Oocysts.

WARD-GEIGER, Leslie I.

Blubber Depth and Body Condition Indices in the Florida Manatee (*Trichechus manatus latirostris*).

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1996:

BARTOLACCI, Danielle M.

Relationships between Physical and Biological Phenomena in the Arabian Sea.

FITZSIMMONS, Kathryn J.

Cycles of Gonadal Development in Six Common Gorgonians from Biscayne National Park in the Northern Florida Keys.

HARRISON, Scott E.

Morphology and Evolution of a Holocene Carbonate/Siliciclastic Sand Ridge Field, West-Central Florida Inner Shelf.

NEELY, Merrie Beth

Somatic, Respiratory and Photosynthetic Responses of *Halodule wrightii* to Light Reduction in Tampa Bay, Including a Whole Plant Carbon.

PIERCE, Daryl J.

Growth and Stock Identification of the Scaled Sardine, *Harengula jaguana*, from the West and Southeastern Coasts of Florida as Indicated by Microstructure and Fourier Series Shape Analysis of the Sagittae.

RAPPAPORT, Yoav

Seamount Shape and Size Distribution Near Easter Island.

STOKES, Rodger T.

Phylogenetic Analysis of Western Atlantic Grouper (Epinephelinae) and Other Serranids (Teleostei: Serranidae) by Peptide Mapping of Homologs of LDH-A.

SWAIN, R. Michael

Characterization of Colored Dissolved Organic Matter (CDOM) by High Performance Liquid Chromatography (HPLC).

WOOD, Nathan J.

Sedimentary Dynamics of a Shallow-Water Embayment and Adjacent Open-Marine Marsh System: Waccasassa Bay, Florida.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1995:

HICKS, Karen S.

Origin of Early Diagenetic Minerals Recovered from the Upper Cenezoic Sediments of the New Jersey Margin (ODP Leg 150).

HYMEL, Sabrina K.

The Evolution of Nearby Beaches after the Emplacement of a Revetment on Casey Key in Sarasota County, Florida.

JOHNSON, Andrea K.

Red Grouper (*Epinephelus morio*): Reproduction and Endocrinology.

WETZEL, Dana L.

Chemical Fate of Bunker C Fuel Oil in a Subtropical Marine.

WOOD, Catherine M.

Copper, Cadmium, and Zinc in Liver, Kidney, and Muscle Tissues of Stranded Bottlenose Dolphins, *Tursiops truncatus*, and Some of Their Prey.

ZHANG, Huining

Calibration of pH Indicator Thymol Blue at In-Situ Conditions and Application of Spectrophotometric pH Measurements at Sea.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH

FLORIDA, 1994:

AMES, Audra L.

Aspects of the Chemical Ecology of the West Indian Manatee, *Trichechus manatus*.

COCKEY, Elizabeth M.

The Decadal Scale Changes in Benthic Foraminiferal Assemblages in Reef Tract Sediments off Key Largo, Florida.

GARRETT, Julie K.

Chlorophyll a and Nutrient Measurements in Sea-Surface Waters of the Nicaraguan Rise.

GOODBRED, Steven L, Jr.

Geologic Controls on the Holocene Evolution of an Open-Marsh System Fronting a Shallow-Water Embayment: Waccasassa Bay, West-Central Florida.

GREELY, Teresa

Age and Growth of the Antarctic Lanternfish, Electrona antarctica (Family Myctophidae), Based on Microstructural Analysis of the Sagittal Otoliths.

HALL, Donald

Origin of dolomite in the Miocene Hawthorn Group, Northeastern.

HALL, Jeffrey R.

Spatio-Temporal Correlations Between Adult Food and Egg Production of a Batch-Spawning Clopeiod, *Anchoa mitchilli*, in Tampa Bay, Florida.

SUTTON, Tracey

The Dragonfishes (Pisces: Stomiidae) of the Eastern Gulf of Mexico: Assemblage, Structure, Vertical Distribution, Trophic Ecology and Predation Impact on a Midwater Community.

ZHANG, Mingrui

Predictability of sea Level and Currents of Tampa Bay.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1993:

DAVID, Andrew W.

Development of an Image Analysis System for the enumeration and Sizing of aquatic Bacteria.

DONNELLY, Kelly Boomer

Characterization of the Foraminiferal Assemblage off the Southwest Coast of Puerto Rico at La Parguera.

DUNCAN, David S.

Neogene to Recent Seismic Stratigraphy of the Lower Tampa Bay Estuary: West Central Florida.

GEIGER, Stephen P.

Respiratory Physiology of Juvenile Tarpon, Megalops atlanticas.

JIANG, Chenyang

Viruses in the Marine Environment - Abundance, distribution and Contribution to the Dissolved DNA Pool.

LEARY, Timothy

A Remote Sensing Comparison of the Mississippi Sound Barrier Island Complex: 1987 versus 1991.

LI, Zhen

Circulation of Tampa Bay in Relation to Tides, Winds and Buoyancy Driven Convection.

PENTA, Bradley

A One-Dimensional Model of Summer Oxygen Distribution within the Chukchi Sea.

ORSOY, Tunch

Methylammonium Uptake by Phytoplankton Populations in Tampa Bay, Florida.

RUIZ, Gina M.

Male Reproductive Anatomy of the Pygmy Sperm Whale, Kogia breviceps, and Dwarf Sperm Whale, Kogia simus, Based on Gross and Histological.

TOLER, Strawn

Characterization of the Shell Soluble Matrix Proteins from Six Genera of Soritacea Foraminifera.

VESLEY, Elizabeth L.

Silica Distribution in the Caribbean Deep Basin.

ZSOLDOS, Hepsi D.

Radiochemical Distributions in Tampa Bay.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1992:

BARRE, Jill S.

Leaching from Stone Crab Traps Dipped in Fungitrol: Diesel Fuel Preservative.

BISSETT, W. Paul

The Effects of Temporal and Spatial Variability of Mixed Layer Depth on Primary Productivity around Bermuda.

CLAYTON, Tonya

Calibration of the pH-Sensitive Indicator m-Cresol Purple and Application to Laboratory and Field Investigations of Carbonate System Equilibria in Seawater.

HARRIS, Michael W. A.

Sedimentary Products and Processes Along a Current-Dominated Open Seaway, Bawihka Channel, Northern Nicaraguan Rise, Caribbean Sea.

HAWES, Steve

Quantum Fluorescence Efficiencies of Marine Fulvic and Humic Acids.

HOLMES, Marjorie E.

Fluorescence and Stable Isotopes in Inshore Waters of South Florida and their Relation to Fluorescent Banding in the Coral Montastrea annularis.

HOCHMAN, Herschel

Interpretation of Coastal zone Color Scanner (CZCS) Signature of the Orinoco River.

PEACOCK, Thomas G.

Some Marine Light Sources and their Effect on Remote Sensing Reflectance.

PICHARD, Scott L.

The Development of a Method to Measure Microbial Gene Expression in the Marine Water Column Environment.

SMITH, Shana L.

Investigation of Histamine in Echinoderms.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1991:

BOWLES, Walter D.

The Effect of Bedslope on Bedload Transport and Erosion Threshold for Fine-Grained, Non-Cohesive Sediments at Low Roughness Reynolds Numbers and Lower Flat-Bed Flow Regime.

DAVIS-FITE, Susan

The Effects of Rotary Ditching on the Diets of Resident Mangrove Swamp Fishes.

INGLIN, David C.

Sediment Budget for Honeymoon Island, Florida.

KINSEY, Stephen T.

Feeding Ecology of Euphausiids in the Eastern Gulf of Mexico.

RODRIGUEZ, Paloma

Nitrogen Enrichment of Tampa Bay and the Little Manatee River Phytoplankton Populations.

TALGE, Helen K.

Impact of Recreational Divers on Scleractinian Corals of the Florida Keys.

TRINGALI, Michael D.

Intraspecific Divergence of mtDNA within the Continuous Western Atlantic Range of the Spanish Sardine, Sardinella aurita.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1990:

ALBERDI, P. Daniel, Jr.

Biochemical Genetics of Harengula Species (Clupeidae) from Florida and Puerto Rico.

BANNON, James P.

The Characterization of Marine Sediment Through Spectral Reflectance Analysis.

BROWN, Susan D.

Temperature and Salinity Effects on Survival and Development of Early Stage Stone Crabs, Menippe mercenaria (Say, 1818).

DICKINS, Holli D.

The Distribution of Isopranyl Ether-Linked Lipids in the Water Column of an Anoxic, Hypersaline Basin.

HOWARD, Deborah L.

Purification and Characterization of an Alkaline Phosphatase from the Diatom, Skeletonema costatum.

LEE, Kitack

The High Temperature Titration of Amorphous Silica.

LOGUE, Karen T.

Bedforms and Sedimentary Processes on the Northwest Florida Inner Continental Shelf.

NETRATANAWONG, Toedsit

Mineralogy of the Monterey Shale in the Point Pedernales Area, South Central Coastal California.

PASSARELLA, Kenneth C.

Oceanic Cephalopod Assemblage in the Eastern Gulf of Mexico.

PEASE, Tamara K.

The Distribution of Archaeobacterial Lipids in Orca Basin Sediments.

RAST, Jonathan P.

Aspects of the Ecology of Heteropods in the Families Carinariidae and Pterotracheidae at a Station in the Eastern Gulf of Mexico.

SHERWIN, Mark R.

Sterols as Tracers for Marine, Terrestrial, and Sewage Derived Organic Matter in Tampa Bay, Florida.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1989:

BINGLER, Linda S.

The Influence of Solution and Surface Chemistry on Rare Earth Element Uptake by the Marine Diatom, Skeletonema costatum / by Linda S. Bingler. 1989.

FLOCK, Mark E.

The Vertical Distribution and Feeding Ecology of Sergestid Shrimp (Decapoda; Natantia) in the Eastern Gulf of Mexico / by Mark E. Flock. 1989.

MITCHELL, Michael E.

A comparison of larval fish abundance between a vegetated and non-vegetated habitat with comments on the ecological significance of notochord flexion in larval fish / by Michael E.

Mitchell. 1989.

STANLEY, John K.

The Effect of Chemical Speciation on the Interaction of Zinc and the Rare Earths with a Green Macroalgae, Ulva lactuca L. / by John K. Stanley. 1989.

TRIFFLEMAN, Nina J.

Morphology Sediments and Depositional Environments of a Partially Drowned Carbonate Platform : Serranilla Bank, Southwest Caribbean Sea / by Nina J. Triffleman. 1989.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1988:

COSTELLO, David K.

Multiple Sample Sediment Trap with Holographic Particle Imaging Capability Design and Function of the ADIOS Laser Trap / David K. Costello. 1988.

HESSELMAN, Donald M.

Reproduction in Hard Shell Clams, Mercenaria SPP., from the Indian River, Florida : Reproductive Cycle and Pathology / by Donald M. Hesselman. 1988.

HOCHBERG, Randall J.

Aspects of the Ecology and Life History of, and Host Modifications in, the Parasite/Host relationship of Loxothylacus texanus to Callinectes sapidus along the West Coast of Florida / by Randall J. Hochberg. 1988.

NELLIS, Rachel F.

Food Habits and Feeding Behavior of the Cleaning Goby (Gobiosoma Evelynae Dohlke and Robins) / by Rachel F. Nellis. 1988.

QUINTERO, Iliana

Effects of Salinity Adaptation of Blood Osmolality and Gill Morphology of Juvenile Common Snook Centropomus undecimalis (Bloch) / by Iliana Quintero. 1988.

TORRES, Linda M.

Radium-226 in Plankton on the West Florida Shelf / by Linda M. Torres. 1988.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1987:

- BROWN, Jeffrey E.
Distribution and Diversity of Fishes in a Tampa Bay Mangrove Swamp and the Effects of Rotary Ditching / by Jeffrey E. Brown. 1987.
- COTTEY, Theresa L.
Taphonomic Studies of the Tests of Archaisas angulatus (Foraminiferida) / by Theresa L. Cottey. 1987.
- DOHNER, Eric T.
Ichthyoplankton Distribution, Abundance, and Diversity of Naples Bay, Florida / by Eric T. Dohner. 1987.
- KILLAM, Kristie
The Reproductive Biology, Age, and Growth of the Blacktip Shark, Carcharhinus limbatus (Valenciennes) Near Tampa Bay, Florida / by Kristie Killam. 1987.
- MCGARRY, Gail A.
An Evaluation of the Effects of Hurricanes Elena and Juan along the Coastline of Pinellas County, Florida, 1985 Using Landsat Thematic Mapper Images / by Gail A. McGarry. 1987.
- MCNEILLIE, Jennifer I.
A Sedimentological and Paleontological Analysis of a Large Scale Gravity Flow , DSDP Site 615, Leg 96 / by Jennifer I. McNeillie. 1987.
- PEEBLES, Ernst B.
Early Life History of the Sand Seatrout, Cynoscion aernarius, in Southwest Florida / by Ernst B. Peebles. 1987.
- STICKNEY, Donna G.
Chemical Composition of Mesopelagic Fishes from the Eastern Gulf of Mexico / by Donna G. Stickney. 1987.
- THOMPSON, Shannon Wesley
Carbonate Complexation and Adsorption of Rare Earth Elements in Seawater / by Shannon Wesley Thompson. 1987.
- WEIGLE, Bradley L.
Abundance, Distribution, and Movements of Bottlenose Dolphins, Tursiops truncatus, in lower Tampa Bay, Florida / by Bradley L. Weigle. 1987.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1986:

BENNETT, James L.

Vertical Distribution, Abundance and Feeding of the Copepod genus Pleuromamma in the Eastern Gulf of Mexico / by James L. Bennett. 1986.

CANTRELL, Kirk J.

Rare Earth Element Speciation in Seawater / by Kirk J. Cantrell. 1986.

DONNELLY, Joseph

Oxygen Consumption in Midwater Fishes and Crustaceans from the Eastern Gulf of Mexico / by Joseph Donnelly. 1986.

HEIL, Cynthia A.

Vertical Migration of Ptychodiscus brevis (Davis) Steidinger / by Cynthia A. Heil. 1986.

HUTTON, Joan G.

Bedrock Control, Sedimentation and Holocene Evolution of the Marsh Archipelago Coast, West Central Florida / by Joan G. Hutton. 1986.

MEARNS, David L.

Continental Shelf Hardbottoms in Onslow Bay, North Carolina: Their Distribution, Geology, Biological Erosion and Response to Hurricane Diana, September 11-13, 1984 / by David L. Mearns. 1986.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1985:

BERNSTEIN, Renate E.

Radiolarians from the Western North Pacific Ocean : a Latitudinal Study of their Distributions and Fluxes / by Renate E. Bernstein. 1985.

HANSON, Jeffrey L.

Hydrodynamics of Perivisceral Fluid Circulation in the Sea Urchin Lytechinus variegatus with special reference to material transport / by Jeffrey L. Hanson. 1985.

HEBERT, Jean A.

High-resolution Seismic Stratigraphy of the Inner West Florida Shelf West of Tampa Bay : Evidence for a Miocene Karst Valley System / by Jean A. Hebert.

1985.

JEFFREY, Wade H.

The Activity of Attached and Free-living Estuarine Bacteria / by Wade H. Jeffrey. 1985.

JOYCE, Rosanne M.

Geochemical Implications on the Provenance and Fate of Organic-rich Deep-sea Sediments / by Rosanne M. Joyce. 1985.

MILLER, William L., Jr.

Uptake of Zn-65 and Mn-54 into Body Tissues and Renal Granules by the Southern Quahog, Mercenaria campechiensis / by William L. Miller, Jr. 1985.

OSKING, Eric D.

Sedimentation Controls and Resulting Geomorphology of Microtidal, Low Energy, Freshwater Influenced Shelf Embayments West-Central Florida / by Eric B. Osking. 1985.

PAULY, George G.

Lipids of Methanogenic Bacteria in Swamp and Deep Sea Sediments / by George G. Pauly. 1985.

SHANLEY, Evanne

Photoadaptation in the Red Tide Dinoflagellate Ptychodiscus brevis / by Evanne Shanley. 1985.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1984:

COURTNEY, Francis X.

The Production of Methane by the Anaerobic Decomposition of Macroalgae from Tampa Bay / by Francis X. Courtney. 1984.

MARTIN, David W.

Clastic to Carbonate transitions: a Modern Example: the West Florida Continental Shelf / by David W. Martin. 1984.

MATTEUCCI, Thomas D.

High Resolution Seismic Stratigraphy of the North Carolina Continental Margin - the Cape Fear Region: Sea Level Cyclicity, Paleobathymetry, and Gulf Stream Dynamics / by Thomas D. Matteucci. 1984.

MCCLUNG, Charles E.

A Study of the Bacterial Population Behavior in Culture Media Containing Macroalgae / by Charles E. McClung. 1984.

REINHARDT, Susan B.

Lipid Composition of Antarctic Midwater Organisms / by Susan B. Reinhardt. 1984.

SQUIRES, Andrew P.

The Distribution and Ecology of Zooplankton in Charlotte Harbor, Florida / by Andrew P. Squires. 1984.

WOLF, Steven H.

Seasonal, Age and Sex Variations in the Blood Composition of the Brown Pelican, Pelecanus occidentalis / by Steven H. Wolf. 1984.

WALKER, Steven T.

Sedimentary Structures of the West Florida Slope and Eastern Mississippi Cone: Distribution and Geological Implications / by Steven T. Walker. 1984.

WILLIS, John W.

The Shallow Structure of Tampa Bay / by John W. Willis. 1984.

YOUNG, Richard W.

A Geochemical Investigation of Dredging in Bayboro Harbor and the Port of St. Petersburg / by Richard W. Young. 1984.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1983:

ERDMAN, Robert D.

Population Dynamics of the Genus Synalpheus (Decapoda: Alpheidate) as Associates of the Loggerhead Sponge, Spherospongia vesparia / by Robert D. Erdman. 1983

EVANS, Mark W.

Barrier Island Development from Lagoonal Stratigraphy and Sedimentation: Northern Pinellas County, Florida / by Mark W. Evans. 1983.

MANGINI, Margarita E.

A Stable Carbon Isotope Study of the Food Web in Bayboro Harbor, St. Petersburg,

Florida / by Margarita E. Mangini. 1983.

ROBISON, Douglas E.

Vertical Distribution, Recruitment, and Retention of Postlarval Fishes in Lower Tampa Bay, Florida / by Douglas E. Robison. 1983.

SHUERT, Paul G.

The Vertical Distribution and Feeding Ecology of Euchaeta marina in the Eastern Gulf of Mexico During Summer / by Paul G. Shuert. 1983.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1982:

BROCK, Darryl E.

Thermal Acclimation in the Southern Quahog, Mercenaria campachiensis : hemolymph and lysosomal Enzymes / Darryl Erwin Brock. 1982.

BUCKLEY, Betty G.

The Vertical Distribution of Chlorophyll A and its Degradation Products in Intertidal Sediments of Tampa Bay / by Betty G. Buckley. 1982.

HADDAD, Kenneth D.

Hydrographic Factors Associated with West Florida Toxic Red Tide Blooms : an Assessment for Satellite Prediction and Monitoring / by Kenneth D. Haddad. 1982.

MORRIS, Michael J.

Biochemical Composition of Crustacean Zooplankton from the Eastern Gulf of Mexico / by Michael J. Morris. 1982.

PARKER, Douglas M.

A Comparison of Deep Reef Foraminiferal Assemblages in the Eastern Gulf of Mexico / by Douglas M. Parker. 1982.

SCHUG, Donald M.

Political and Economic Aspects of Artificial Reefs in Pinellas County, Florida / by Donald M. Schug. 1982.

SZEDLMAYER, Stephen T.

Distribution and Abundance of Juvenile Fishes Along a Salinity Gradient in the

Anclote River Estuary, Tarpon Springs, Florida / by Stephen T. Szedlmayer. 1982.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1981:

BROOKS, Gregg R.

Recent Carbonate Sediments of the Florida Middle Ground Reef System :
Northeastern Gulf of Mexico / by Gregg R. Brooks. 1981.

EPPERLY, Sheryan P.

A Population Investigation of Atlantic Menhaden: a Meristic, Morphometric and
Biochemical Approach / by Sheryan P. Epperly. 1981.

SCHROEDER, Paul A.

Pyrite and Associated Authigenic Heavy Minerals of the Continental Slope off the
Eastern United States / by Paul A. Schroeder. 1981.

STEWART, Robert G.

Light Attenuance Measurements of Suspended Particulate Matter: Northeastern
Gulf of Mexico / by Robert G. Stewart. 1981

WALL, Frederick M.

The Clay Mineralogy of Continental Slope and Rise Sediments off the Eastern
United States / by Frederick M. Wall. 1981.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1980:

BISHOP, David E.

The Ecology of Molluscan Infauna on the Southwestern Continental Shelf of
Florida / by David E. Bishop. 1980.

BRELAND, Jabe A.

Chemical and Physical Characteristics of a Saline Geothermal Submarine Spring
off Florida's Southwest Coast / by Jabe A. Breland II. 1980.

FISHER, Robert A.

Aspects of Reproduction in the Midwater Fish Families Gonostomatidae and
Sternoptychidae / by Robert A. Fisher. 1980.

HEFFERNAN, John J.

Vertical Distribution and Feeding Ecology of the Penaeid genera Gennades and Benthoogennema in the Eastern Gulf of Mexico / by John J. Heffernan. 1980.

LEE, Phillip G.

A Quantitative Analysis of Digestive Enzymes for the Freshwater Prawn Macrobrachium rosenbergii / by Phillip G. Lee. 1980.

LEVINE, Ira A.

Biomass and Colonization of the Benthic Marine Flora of Lower Tampa Bay / Ira A. Levine. 1980.

MYERS, Eric T.

A Long-term Study of Scallops (Argopectan irradians) Exposed to Low Concentrations of Number 2 Fuel Oil / by Eric T. Myers. 1980.

SZYDLIK, Stephen J.

Sedimentary Processes on the Continental Slope Around Cape Hatteras / by Stephen J. Szydluk. 1980.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1979:

BURKE, Randolph D.

Morphology, Benthic Communities, and Structure of the Belize Barrier Reef / by Randolph D. Burke. 1979.

ERNEST, Robert G.

Reproductive variability in Lytechinus variegatus (Echinodermata: Echinoides) from Different Habitats in a Florida West Coast Estuary / by Robert G. Ernest. 1979.

HAYWARD, Gary L.

Continental Slope and Rise Sedimentary Processes of Eastern North America Between Washington and Wilmington Canyons / by Gary Hayward. 1979.

MCMICHAEL, Edward J.

Epipelagic Fishes of the Oceanic Eastern Gulf of Mexico. / by Edward J. McMichael. 1979.

NEURAUTER, Thomas W.

Bed Forms on the West Florida Shelf as Detected with Side Scan Sonar / by Thomas W. Neurauter. 1979.

ROCHKIND, Melissa L.

Effect of Bacterial Culture Filtrates on Two Dinoflagellates / by Melissa L. Rochkind. 1979.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1978:

COREN, Jeffrey J.

Distribution and Some Aspects of the Biology of the Lizardfish (family Synodontidae) of the West Florida Shelf / by Jeffrey J. Coren. 1978.

GARTNER, Jeffrey

Density Determinations of Suspended Particles Using an Electronic Particle Counter / by Jeffrey Gartner. 1978.

GUERIN, William F.

Studies on the Speciation and Distribution of Low Molecular Weight Sulfur Compounds in Sediments / by William F. Guerin. 1978.

JORDAN, William R.

Sampling a Macrobenthic Infaunal Sediment Community in a Subtropical Estuary / by William R. Jordan. 1978.

PETERS, Esther C.

Effects of Long-term Exposure of the Coral Manicina areolata (Linne, 1759) to Water-Soluble Oil Extracts / by Esther C. Peters. 1978.

SIMONSON, Jenny L.

The Morphological and Osteological Development of Argyropelecus hemigymnus (Cocco) / by Jenny L. Simonson. 1978.

STEVELY, John M.

The Effects of Heated Effluent on the Infaunal Bivalve, Chione cancellata (Linne) / by John M. Stevely. 1978.

WEISS, William R.

The Zooplankton of the Anclote Estuary, Florida / by William R. Weiss. 1978.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1977:

BARNARD, Leo A.

The Kinetics and Thermodynamics of Silica Sorption in Marine Sediments / by Leo A. Barnard. 1977.

BURTON, Michael D.

Chemical and Mineralogical Characteristics of Suspended Particulate Matter and Surface Sediments Near Cape Hatteras, North Carolina / by Michael D. Burton. 1977.

FORD, Earl

The Agar-Digesting Bacteria of the Anclote Estuary / by Earl Ford. 1977.

JONES, Sandra L.

Contribution from Deep Sediments to the Dissolved Silica in the Deep Water of the Mediterranean Sea / by Sandra L. Jones. 1977.

KRUEER, Curtis R.

A Study of the Benthic Algae of the Natural Reefs off Tampa Bay, Florida Gulf Coast / Curtis R. Krueer. 1977.

MARR, William F.

Antibiotic Effect of Local Marine Macroalgae on the Root-Knot Nematode Meloidogyne incognita (Kofoid and White, 1919), Chitwood, 1949.

MILLER, Carl J.

The Growth and Reproduction of Antithamnionella breviramosa Under Varying Light and Temperature Regimes.

ROGERS, Scott W.

Sediments of a Seagrass Bed in Anclote Anchorage, Tarpon Springs, Florida.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1976:

BOLGER, George W.

Chemical Evidence that the Mid-Atlantic Ridge is a Source of Hydrothermally Derived Suspended Particulate Material to the Deep Atlantic / by George W. Bolger. 1976.

CHIOU, Wan-An

A Study of Clay Minerals in Surface and Suspended Sediments from the Anclote River and Estuary, Central Florida / by Wan-An Chiou. 1976.

DIETZ, Richard A.

Food and Feeding Habits of Cynoscion arenarius (Ginsburg), Cynoscion nebulosus (Cuvier) and Bairdiella Chrysura (Lacopede) (Pisces: Sciaenidae) in the Anclote Anchorage, Tarpon Springs, Florida / by Richard A. Dietz. 1976.

GORMAN, Mark E.

Phytoplankton Productivity in the Vicinity of the Florida Power Corporation Generating Plant Near Crystal River, Florida / by Mark E. Gorman. 1976.

HOFF, Frank H.

Controlled Conditioning and Spawning of the Florida Pompano, Trachinotus carolinus / by Frank H. Hoff. 1976.

JOHNSON, Joseph T.

The Major Biochemical Constituents of the Mysid Shrimp Taphromysis bowmani Dacescu / by Joseph T. Johnson. 1976.

LEWIS, Carolyn S.

The Seasonal Distribution of Haplocytheridea setipunctata (Brady) Ostracoda) in a Thermally Altered Area of Tampa Bay, Florida / by Carolyn S. Lewis. 1976.

MCCLELLAND, Scott I.

A Vorticity Transport Numerical Model of the Circulation in the Gulf of Mexico and Caribbean Sea / by Scott I. McClelland. 1976.

MOORE, Stephen J.

Growth of Syringodium filiforme in Thermally Stressed and Unstressed Areas of the Anclote River Estuary, Tarpon Springs, Florida / by Stephen J. Moore. 1976.

MUELLER, Theresa M.

The Distribution and Seasonality of Marine Algae of Coastal Louisiana and the Adjacent Offshore Continental Shelf / by Theresa M. Mueller. 1976.

STUDT, John F.

Chronic in situ Exposure of the Bay Scallop Argopecten irradians concentricus (Say) to a Thermal Effluent in a Florida Gulf Coast Estuary / John F. Studt. 1976.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH

FLORIDA, 1975:

BEHRENS, Paul J.

The Effects of Nutrient Enrichment on the Growth and Phycocolloid Content of Hypnea musciformis (Wulfen) Lamouroux / by Paul J. Behrens. 1975.

EGGIMAN, Donald W.

West African Shelf: Chemical Evidence of Particle Transport to the Eastern Atlantic Basin / by Donald W. Eggiman. 1975

FEINSTEIN, Andrew

Food Habits of Pinfish, Lagodon rhomboides, from Anclote Anchorage, Florida / by Andrew Feinstein. 1975.

HAGOOD, Randolph W.

Development of Mass Larval Rearing Techniques with Preliminary Studies on Tolerance of Larvae of the Fresh Water Shrimp Macrobrachium / by Randolph W. Hagood. 1975.

HAMM, David C.

Benthic Algae of the Anclote River Estuary, Tarpon Springs, Florida / by David C. Hamm. 1975.

JOHANSSON, J. Roger

Phytoplankton Productivity and Standing Crop in the Anclote Estuary, Florida / by J. Roger Johansson. 1975.

MILLIKEN, Dean M.

Species of the Genus Bregmaceros in the Gulf of Mexico and Caribbean Sea : Including the Description of a New Species from the Cariaco Trench / by Dean M. Milliken. 1975.

PALMER, Steven L.

A Semi-Implicit Dispersion Model for Shallow, Barricaded Estuaries / by Steven L. Palmer. 1975.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1974:

FRULAND, Robert M.

The Numerical Model for the Calculation of Suspended Sediment Under Estuarine Conditions / by Robert M. Fruland. 1974.

GUIST, G. Gordon

The Effects of Sewage Effluent on the Growth and Production of Ulva latuca (L.) /
by Gordon G. Guist. 1974.

HOLSING, Nancy W.

The Measurement of Gaseous Exchange in Thermally Stressed and Unstressed
Diplanthera wrightii Communities Using a Modified Flow-through System / by
Nancy W. Holsing. 1974.

ROLFES, J. Kenneth

Patterns of Diversity and Density in the Ichthyofauna of the Anclote Anchorage,
Florida / by J. Kenneth Rolfes. 1974.

**MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH
FLORIDA, 1973:**

FABLE, William A.

Fish Fauna of a Salt Marsh Bayou on the Florida Gulf Coast / by William A. Fable.
1973.

KLAUSWITZ, Ronald H.

Diffusion Model for a Shallow, Barricaded Estuary / by Ronald H. Klauswitz.
1973.

MCNULTY, Michael E.

Establishment of Tissue and Organ Cultures of Hypophyses for the Gray Mullet,
Mugil cephalus / by Michael E. McNulty 1973.

**MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH
FLORIDA, 1972:**

GOETZ, Carole L.

A Study of Humic Acid Distribution Throughout the Tampa Bay Estuarine System
/ by Carole L. Goetz. 1972.

TURNER, Jefferson T.

The Phytoplankton of the Tampa Bay System, Florida.

**MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH
FLORIDA, 1971:**

COBB, Stephen P.

Biology of Rock Shrimp Sicyonia brevirostris Stimpson from the West Florida Continental Shelf / by Stephen P. Cobb. 1971.

SCHLEMMER, Frederick C.

Concentration of Particulate Matter in the Eastern Gulf of Mexico: an Indicator of Surface Circulation Patterns / by Frederick C. Schlemmer. 1971.

WILSON, Karen Ann

A Study of the Distribution and Taxonomy of Luminous Bacteria in the Eastern Gulf of Mexico / by Karen Ann Wilson. 1971.

MASTER THESES, DEPARTMENT OF MARINE SCIENCE, UNIVERSITY OF SOUTH FLORIDA, 1970:

STEIDINGER, Karen A.

The Genus *Gonyaulax* (Dinoflagellida) in Neritic Waters off Florida's West Coast with a Description of a New Estuarine Species / by Karen A. Steidinger. 1970.