

- Abbott, R. T. 1952. Two new opisthobranch mollusks from the Gulf of Mexico belonging to the genera *Pleurobranchaea* and *Polycera* (including additional notes on *Polycera hummi*). Florida State University Studies: Papers from the Oceanographic Institute **7**:1-7
- Abele, L. G. 1970. The marine decapod crustacea of the northeastern Gulf of Mexico. M. Sc. Florida State University, Tallahassee, FL 137 pp.
- Agarwal, R. A., P. J. B. Ligon, and M. J. Greenberg. 1972. The distribution of cardioactive agents among molluscan species and tissues. Comparative and General Pharmacology **3**:249-260
- Ahlfeld, T. E. 1977. A disparate seasonal study of reproduction of eight deep-sea macroinvertebrate species from the northwestern Atlantic Ocean. PhD. Florida State University, Tallahassee, FL 108 pp.
- Albert, J. L., and W. R. Ellington. 1985. Patterns of energy metabolism in the stone crab, *Menippe mercenaria*, during severe hypoxia and subsequent recovery. Journal of Experimental Zoology **234**:175-183
- Alberts, J. 1970. Inorganic controls of dissolved phosphorus in the Gulf of Mexico. PhD. Florida State University, Tallahassee, FL 89 pp.
- Allard, M. 1988. Heavy mineral analysis of inner continental shelf sediments, northeastern Gulf of Mexico M. Sc. Florida State University 175 pp.
- Aller, C. C. 1976. A survey of particulate and dissolved organic carbon along the continental shelf of the northeastern Gulf of Mexico. MS. Florida State University, Tallahassee, FL 96 pp.
- Allison, M. D. 1976. Distribution and systematics of the deep-sea ectoproct *Levinsonella*. MS. Florida State University, Tallahassee, FL 53 pp.
- Alvis, C. 1971. Trophic relationships between significantly associated species of macrobenthos in the shoal grass habitat. MS. Florida State University, Tallahassee, FL 97 pp.
- Anderson, L. C. 1985. The Vegetation of Dog Island, Florida. American Journal of Botany **72**:936-936
- Anderson, N. G. 1970. A computer-assisted method for storage, retrieval, and sorting of biologic data from underwater photographs. MS. Florida State University, Tallahassee, FL 71 pp.
- Andren, A. W. 1970. Atmospheric chemistry in coastal and marine environments. MS. Florida State University, Tallahassee, FL 46 pp.
- Andren, A. W. 1973. The geochemistry of mercury in three estuaries from the Gulf of Mexico. PhD. Florida State University, Tallahassee, FL 140 pp.
- Austin, H. M. 1971. The characteristics and relationships between the calculated geostrophic current component and selected indicator organisms in the Gulf of Mexico loop current system. PhD. Florida State University, Tallahassee, FL 369 pp.
- Avent, R. M. 1970. The effects of hydrostatic pressure on selected intertidal and shallow water animals. MS. Florida State University, Tallahassee, FL 106 pp.
- Avent, R. M. 1973. The effects of hydrostatic pressure and temperature on *Uca pugilator* (Bosc). PhD. Florida State University, Tallahassee, FL 127 pp.
- Back, R. M. 1972. Recent depositional environment of the Florida Middle Grounds. MS. Florida State University, Tallahassee, FL 227 pp.

- Baird, B. H. 1984. Utilization of extracellular polymer by a deposit feeding holothurian. M. Sc. Florida State University, Tallahassee, FL 41 pp.
- Baird, B. H., and D. Thistle. 1986. Uptake of bacterial extracellular polymer by a deposit-feeding holothurian (*Isostichopus badionotus*). *Marine Biology* **92**:183-187
- Barbee, S. J. 1971. Temporal distribution of interstitial fauna in a beach and in a sandflat with respect to physical factors. MS. Florida State University, Tallahassee, FL 80 pp.
- Beck, M. W. 1995. Size-specific shelter limitation in stone crabs - a test of the demographic bottleneck hypothesis. *Ecology* **76**:968-980
- Beck, M. W. 1995. Tests of the demographic bottleneck hypothesis in four stone crab populations. Ph. D. Florida State University, Tallahassee, FL 155 pp.
- Beck, M. W. 1997. Inference and generality in ecology: Current problems and an experimental solution. *Oikos* **78**:265-273
- Beck, M. W. 1997. A test of the generality of the effects of shelter bottlenecks in four stone crab populations. *Ecology* **78**:2487-2503
- Beckett, M. P. 1979. Hydrocarbons associated with particulate matter in the northern Gulf of Mexico. MS. Florida State University, Tallahassee, FL 60 pp.
- Berg, W. W., and J. W. Winchester. 1977. Organic and inorganic gaseous chlorine concentrations in relation to the particle size distribution of chloride in the marine aerosol. *Journal Geophysical Research* **82**:5945-5953
- Berg, W. W., and J. W. Winchester. 1978. Aerosol chemistry of the marine atmosphere. Pages 173-231 *In* J. P. Riley and R. Chester, editors. *Chemical Oceanography*, 2nd Edition 7. Academic Press, London.
- Berg, W. W. J. 1976. Chlorine chemistry in the marine atmosphere. Ph. D. Florida State University, Tallahassee, FL 246 pp.
- Bishop, J. M. 1970. Burying, growth, and molting of pink shrimp, *Penaeus duorarum*, under selected photoperiods of white light and UV-light. MS. Florida State University, Tallahassee, FL 83 pp.
- Blackwell, J. F., L. F. Gainey, and M. J. Greenberg. 1977. Shell ultrastructure in 2 subspecies of ribbed mussel, *Geukensia demissa* (Dillwyn, 1817). *Biological Bulletin* **152**:1-11
- Blades-Eckelbarger, P. I., and N. H. Marcus. 1992. The origin of cortical vesicles and their role in egg envelope formation in the spiny eggs of a calanoid copepod, *Centropages velificatus*. *Biological Bulletin* **182**:41-53
- Boa, S. 1993. Do the life stages of harpacticoid copepod species differ in their vertical position in the sediments? M. Sc. Florida State University, Tallahassee, FL 29 pp.
- Borror, A. C. 1961. Morphology and ecology of the benthic ciliated protozoa of Alligator Harbor. Ph. D. Florida State University, Tallahassee, FL 167 pp.
- Bouck, L. 1998. Zausodes (Copepoda, Harpacticoida, Harpacticidae): an update and three new species from the northern Gulf of Mexico. M. Sc. Florida State University, Tallahassee, FL 87 pp.
- Bouck, L., and D. Thistle. 2003. Two new diosaccids (Copepoda, Harpacticoida) from the northern Gulf of Mexico. *Crustaceana* **76**:1313-1330

- Bouck, L., and D. Thistle. 2006. Responses of two morphologically similar species of benthic copepod (Harpacticoida, Diosaccidae) to an erosion rate that occurs during winter storms. *Vie Et Milieu-Life and Environment* **56**:9-14
- Bouck, L., D. Thistle, and R. Huys. 1999. Systematics and phylogeny of *Zausodes* C. B. Wilson, 1932 (Copepoda, Harpacticoida, Harpacticidae), including three new species from the northern Gulf of Mexico. *Bulletin of the Natural History Museum London (Zool.)* **65**:73-122
- Bouck, L. A. 2003. Two new diosaccids (Copepoda, Harpacticoida) from the northern Gulf of Mexico and their responses to winter storms. Ph. D. Florida State University, Tallahassee, FL 52 pp.
- Bowling, C. 1994. Habitat and size of the Florida crown conch (*Melongena corona* Gmelin) - why big snails hang out at bars. *Journal of Experimental Marine Biology and Ecology* **175**:181-195
- Brady, K. D. 1981. Seasonal and spatial distribution of ichthyoplankton in seagrass beds of Apalachee Bay Florida State University, Tallahassee 169 pp.
- Branham, J. M. 1958. An ecological survey of the ascidians of Alligator Harbor, Florida, and the adjacent Gulf of Mexico. M. Sc. Florida State University, Tallahassee, FL 71 pp.
- Brogden, W. B. 1968. Modifications of hydrocarbons and fatty acids in sediments by marine bacteria. MS. Florida State University, Tallahassee, FL 40 pp.
- Brogden, W. B. 1971. Characterization of freshwater and estuarine humic acids by molecular weight distribution. PhD. Florida State University, Tallahassee, FL 99 pp.
- Brooks, W. R., and R. N. Mariscal. 1985. Asexual reproduction by the symbiotic sea-anemone *Calliactis tricolor* (Lesueur). *Bulletin of Marine Science* **36**:432-435
- Brooks, W. R., and R. N. Mariscal. 1985. Protection of the hermit crab *Pagurus pollicaris* Say from predators by hydroid-colonized shells. *Journal of Experimental Marine Biology and Ecology* **87**:111-118
- Brooks, W. R., and R. N. Mariscal. 1985. Shell entry and shell selection of hydroid-colonized shells by 3 species of hermit crabs from the Northern Gulf of Mexico. *Biological Bulletin* **168**:1-17
- Brooks, W. R., and R. N. Mariscal. 1986. Population variation and behavioral-changes in 2 pagurids in association with the sea-anemone *Calliactis tricolor* (Lesueur). *Journal of Experimental Marine Biology and Ecology* **103**:275-289
- Brower, W. A. 1971. A comparison of the energy exchanges at the tropical sea-air interface based on data collected by the FSU Triton Spar-type Buoy and the CGSS Discoverer. MS. Florida State University, Tallahassee, FL 90 pp.
- Brown, D. T., G. F. Morris, N. Chodchoy, C. Sprecher, and W. F. Marzluff. 1985. Structure of the Sea-Urchin U1 Rna Repeat. *Nucleic Acids Research* **13**:537-556
- Bruno, R. O. 1970. Longshore current system Panama City to Pensacola, Florida. MS. Florida State University, Tallahassee, FL 169 pp.
- Bugna, G., J. P. Chanton, J. E. Young, W. C. Burnett, and P. H. Cable. 1996. The importance of groundwater discharge to the methane budgets of nearshore and continental shelf waters of the northeastern Gulf of Mexico. *Geochimica et Cosmochimica Acta* **60**:4735-4746

- Burnett, W. C., J. E. Cable, and D. R. Corbett. 2003. Radon tracing of submarine groundwater discharge in coastal environments. *In* M. Taniguchi, K. Wang, and T. Gamo, editors. Land and Marine Hydrogeology Elsevier Publications.
- Burnett, W. C., J. P. Chanton, J. Christoff, E. Kontar, S. Krupa, M. Lambert, W. Moore, D. O'Rourke, R. Paulsen, C. Smith, L. Smith, and M. Taniguchi. 2002. Assessing methodologies for measuring groundwater discharge to the ocean. *EOS* **83**:117-123
- Burnett, W. C., and H. Dulaiova. 2003. Estimating the dynamics of groundwater input into the coastal zone via continuous radon-222 measurements. *Journal Environmental Radioactivity* **69**:21-35
- Burnett, W. C., H. Dulaiova, C. Stringer, and R. Peterson. 2006. Submarine groundwater discharge: its measurement and influence on the coastal zone. *Journal of Coastal Research, Spec. Issue* **39**:35-38
- Burnett, W. C., G. Kim, and D. Lane-Smith. 2001. A continuous radon monitor for assessment of radon in coastal ocean waters. *Journal of Radioanalytical and Nuclear Chemistry* **249**:167-172
- Burnett, W. C., I. Santos, Y. Weinstein, P. Swarzenski, and B. Herut. 2007. Remaining uncertainties in the use of Rn-222 as a quantitative tracer of submarine groundwater discharge. Pages 109-118 *In* W. Sanford, C. Langevin, M. Polemio, and P. Povinec, editors. A New Focus on Groundwater-Seawater Interactions 312. International Association of Hydrological Sciences
- Burnett, W. C., I. Santos, Y. Weinstein, P. W. Swarzenski, and B. Herut. 2007. Remaining uncertainties in the use of Rn-222 as a quantitative tracer of submarine groundwater discharge Pages 109-118 *In* W. Sanford, C. Langevin, M. Polemio, and P. Povinec, editors. A New Focus on Groundwater-Seawater Interactions 312. International Association of Hydrological Sciences (IAHS).
- Butterworth, M. 1982. Shell utilization by *Octopus joubini*. M. Sc. Florida State University, Tallahassee, FL pp.
- Byrne, C. J. 1976. The effects of the water soluble fractions of crude and refined oils on the larvae of the quahog clam, *Mercenaria sp.* MS. Florida State University, Tallahassee, FL 135 pp.
- Cable, J. E., G. Bugna, W. Burnett, and J. P. Chanton. 1996. Application of ²²²Rn and CH₄ for assessment of groundwater discharge to the coastal ocean. *Limnology and Oceanography* **41**:1347-1353
- Cable, J. E., W. C. Burnett, and J. P. Chanton. 1997. Magnitude and variations of groundwater seepage along a Florida marine shoreline. *Biogeochemistry* **38**:189-205
- Cable, J. E., W. C. Burnett, J. P. Chanton, R. Corbett, and P. Cable. 1997. Field evaluation of seepage meters for coastal marine work. *Estuarine, Coastal, and Shelf Science* **45**:367-375
- Cable, J. E., W. C. Burnett, J. P. Chanton, and G. Weatherly. 1996. Modeling groundwater flow into the ocean based on ²²²Rn. *Earth and Planetary Science Letters* **144**:591-604
- Carlson, D. F. 2007. Seasonal along-isobath geostrophic flows on the West Florida Shelf with application to *Karenia brevis* red tide blooms M. Sc. Florida State University, Tallahassee, FL 38 pp.

- Carman, K. R. 1984. In situ experimental evidence for dietary differences in four species of co-occurring benthic copepods (Crustacea). M. Sc. Florida State University, Tallahassee, FL 30 pp.
- Carman, K. R. 1989. Radioactive tracers as a tool for the study of in situ meiofaunal-microbial trophic interactions in marine sediments. Ph. D. Florida State University, Tallahassee, FL 120 pp.
- Carman, K. R. 1990. Mechanisms of uptake of radioactive labels by meiobenthic copepods during grazing experiments. *Marine Ecology Progress Series* **68**:71-83
- Carman, K. R. 1990. Radioactive Labeling of a Natural Assemblage of Marine Sedimentary Bacteria and Microalgae for Trophic Studies - an Autoradiographic Study. *Microbial Ecology* **19**:279-290
- Carman, K. R., F. C. Dobbs, and J. B. Guckert. 1988. Consequences of Thymidine Catabolism for Estimates of Bacterial Production - an Example from a Coastal Marine Sediment. *Limnology and Oceanography* **33**:1595-1606
- Carman, K. R., F. C. Dobbs, and J. B. Guckert. 1989. Comparison of 3 techniques for administering radiolabeled substrates to sediments for trophic studies - uptake of label by harpacticoid copepods. *Marine Biology* **102**:119-125
- Carman, K. R., and D. Thistle. 1985. Microbial Food Partitioning by 3 Species of Benthic Copepods. *Marine Biology* **88**:143-148
- Carman, K. R., D. Thistle, S. C. Ertman, and M. Foy. 1991. Nile red as a probe for lipid-storage products in benthic copepods. *Marine Ecology Progress Series* **74**:307-311
- Carpenter, D. G. 1951. A study of the ecology, distribution and taxonomy of the Polychaetous Annelids of the Alligator Harbor area, Franklin County, Florida. M. Sc. Florida State University, Tallahassee, FL 87 pp.
- Chen, F., and N. H. Marcus. 1997. Subitaneous, diapause, and delayed-hatching eggs of planktonic copepods from the northern Gulf of Mexico: Morphology and hatching success. *Marine Biology* **127**:587-597
- Chen, Z. Q. 1999. Late Quaternary history of the northeastern Gulf of Mexico coast, northwest Florida. Ph. D. Florida State University, Tallahassee, FL 341 pp.
- Chen, Z. Q., J. F. Donoghue, R. W. Hoenstine, F. R. Rupert, S. M. Spencer, L. J. Ladner, and E. Lane. 2000. A buried karst plain on the northeastern Gulf of Mexico shelf, NW Florida: Origin and relation to onshore karst Pages 22-35 *In* W. Schmidt, J. M. Lloyd, and C. Collier, editors. Woodville Karst Plain Transactions Florida Geological Survey.
- Cherr, G. D. 1974. Species composition and diel variations in the ichthyofaunal community of an intertidal grassbed in the northeastern Gulf of Mexico. MS. Florida State University, Tallahassee, FL 141 pp.
- Chesser, S. A. 1974. Sediments of the west Florida shelf. MS. Florida State University, Tallahassee, FL 71 pp.
- Childs, C. R. 2004. A spatial and temporal assessment of factors controlling denitrification in coastal and continental shelf sediments of the Gulf of Mexico. Ph. D. Florida State University, Tallahassee, FL 84 pp.
- Clarke, J. R. 1976. The effect of high pressure on the physiology and pharmacology of the hearts of bivalve molluscs. Ph. D. Florida State University, Tallahassee, FL 168 pp.

- Clarke, J. R. 1978. Effect of high-pressure on rhythmicity of bivalve hearts. *Comparative Biochemistry and Physiology - Part A: Physiology* **60**:151-160
- Clarke, J. R. 1978. Response of an inter-tidal bivalve heart to hypo-osmotic and ionic stress at high-pressure. *Comparative Biochemistry and Physiology - Part A: Physiology* **61**:35-42
- Clements, W. H. 1982. Feeding ecology of filefish (Pisces: Monacanthidae) in Apalachee Bay, Florida. Florida State University, Tallahassee, FL 79 pp.
- Cleveland, S. D. 2006. Atmospheric mercury input to the Pensacola Bay watershed. M. Sc. Florida State University, Tallahassee, FL 123 pp.
- Coleman, F. C., C. C. Koenig, and L. Collins. 1996. Reproductive styles of shallow-water grouper species (Pisces: Serranidae) in the eastern Gulf of Mexico and the consequences of fishing spawning aggregations. *Environmental Biology of Fishes* **47**:129-141
- Colin, P. L., C. C. Koenig, and W. Laroche. 1996. Development from egg to juvenile of the red grouper, *Epinephelus morio*, in the laboratory. In F. Arreguin-Sanchez, J. L. M. Munro, M. C. Balgos, and D. Pauly, editors. *Biology, fisheries & culture of tropical groupers and snappers*. ICLARM Conf. Proc. 48 48. ICLARM.
- Collier, A. 1963. OCEANOGRAPHIC INSTITUTE, FLORIDA STATE UNIVERSITY. *American Zoologist* **3**:272-273
- Cook, N. W. 1977. A preliminary investigation of the distribution of phosphorus in North Atlantic Ocean deep sea and continental slope sediments. MS. Florida State University, Tallahassee, FL 31 pp.
- Corbett, D. R., K. Dillon, and W. C. Burnett. 2000. Tracing groundwater flow on a barrier island in the northeast Gulf of Mexico. *Estuarine Coastal and Shelf Science* **51**:227-242
- Corbett, D. R., K. Dillon, W. C. Burnett, and G. Schaefer. 2002. The spatial variability of nitrogen and phosphorus concentration in a sand aquifer influenced by onsite sewage treatment and disposal systems: A case study on St. George Island, Florida. *Environmental Pollution* **117**:337-345
- Corgiat, J. M., F. C. Dobbs, M. W. Burger, and P. J. Scheuer. 1993. Organohalogen constituents of the acorn worm *Ptychodera bahamensis*. *Comparative Biochemistry and Physiology - Part B: Biochemistry & Molecular Biology* **106**:83-86
- Cruise, J. 1971. The planktonic shrimp genus *Lucifer*: its distribution and use as an indicator organism in the eastern Gulf of Mexico. MS. Florida State University, Tallahassee, FL 185 pp.
- Cupka, D. 1970. Observations on the biology and bathymetric distribution of the bathybenthic octopod *Opisthoteuthis agassizi* (Mollusca: Cephalopoda). MS. Florida State University, Tallahassee, FL 108 pp.
- Curl, H. C., Jr. 1953. The phytoplankton of Apalachee Bay and the Northeastern Gulf of Mexico Ph. D. Florida State University Oceanographic Institute., Tallahassee, FL 278-320 pp.
- Curl, H. C., Jr. 1956. The hydrography and phytoplankton ecology of the inshore, Northeastern Gulf of Mexico Ph. D. Florida State University, Tallahassee, FL 285 pp.

- Deaton, L. E. 1979. Studies on the adaptation of bivalve molluscs to dilute habitats. M. Sc. Florida State University, Tallahassee, FL 105 pp.
- Deaton, L. E., and M. J. Greenberg. 1980. The ionic dependence on the cardiac action-potential in bivalve mollusks - systematic distribution. *Comparative Biochemistry and Physiology - Part A: Physiology* **67**:155-161
- deKanel, J. 1976. The chemistry of orthophosphate uptake on synthetic calcite and aragonite. MS. Florida State University, Tallahassee, FL 94 pp.
- Dennis, R. E. 1981. The role of the seagrass *Syringodium filiforme* and sediment stability on benthic harpacticoid copepods. M.Sc. Florida State University, Tallahassee, FL 27 pp.
- Dietl, G. P., and G. S. Herbert. 2005. Influence of alternative shell-drilling behaviours on attack duration of the predatory snail, *Chicoreus dilectus*. *Journal of Zoology* **265**:201-206
- Dietl, G. P., G. S. Herbert, and G. J. Vermeij. 2004. Reduced competition and altered feeding behavior among marine snails after a mass extinction. *Science* **306**:2229-2231
- Dobbs, F. C., and J. B. Guckert. 1988. *Callianassa trilobata* (Crustacea, Thalassinidea) influences abundance of meiofauna and biomass, composition, and physiologic state of microbial communities within its burrow. *Marine Ecology Progress Series* **45**:69-79
- Dobbs, F. C., and J. B. Guckert. 1988. Microbial Food Resources of the Macrofaunal-Deposit Feeder *Ptychodera-Bahamensis* (Hemichordata, Enteropneusta). *Marine Ecology Progress Series* **45**:127-136
- Dobbs, F. C., J. B. Guckert, and K. R. Carman. 1989. Comparison of 3 Techniques for Administering Radiolabeled Substrates to Sediments for Trophic Studies - Incorporation by Microbes. *Microbial Ecology* **17**:237-250
- Dobbs, F. C., and P. A. Larock. 1989. The Freezing of Marine Sediment for Subsequent Extraction of Adenosine-Triphosphate. *Journal of Microbiological Methods* **10**:113-117
- Doble, K. 1981. The effects of FMRFamide, the Enkephalins and their analogs on the clam rectum. MS. Florida State University, Tallahassee, FL 25 pp.
- Domeier, M. C., C. C. Koenig, and F. C. Coleman. 1996. Aspects of reproduction and early juvenile development of gray snapper. Page 449 *In* F. Arreguin-Sanchez, J. L. Munro, M. C. Balgos, and D. Pauly, editors. *Biology, fisheries & culture of tropical groupers and snappers*. 48. ICLARM Conf. Proc.
- Donoghue, J. F. 1992. Late Quaternary coastal and inner shelf stratigraphy, Apalachicola Delta region, Florida. *Sedimentary Geology* **80**:293-304
- Donoghue, J. F. 1993. Late Wisconsinan and Holocene depositional history, northeastern Gulf of Mexico. *Marine Geology* **112**:185-205
- Dreyer, C. F. 1973. Some aspects of dissolved and particulate organic carbon in nearshore environments of the Gulf of Mexico. MS. Florida State University, Tallahassee, FL 87 pp.
- Drillet, G., L. C. Lindley, A. Michels, J. Wilcox, and N. H. Marcus. 2007. Improving cold storage of subitaneous eggs of the copepod *Acartia tonsa* Dana from the Gulf of Mexico (Florida, USA). *Aquaculture Research* **38**:457-466

- Dugan, P. J. 1980. Long-term population changes of epibenthic macroinvertebrates in Apalachee Bay, Florida. M. Sc. Florida State University, Tallahassee 142 pp.
- Dugan, P. J. 1983. Seasonal and Geographic-Distribution of 7 Decapod Crustaceans in Apalachee-Bay, Florida. *Contributions in Marine Science* **26**:65-79
- Dugan, P. J., and R. J. Livingston. 1982. Long-term variation of macroinvertebrate assemblages in Apalachee Bay, Florida. *Estuarine Coastal and Shelf Science* **14**:391-403
- Dulaiova, H., R. Peterson, W. C. Burnett, and D. Lane-Smith. 2005. A multi-detector continuous monitor for assessment of ^{222}Rn in the coastal ocean. *Journal of Radioanalytical and Nuclear Chemistry* **263**:361-365
- Echternacht, K. 1970. Periodicities in near-surface currents. MS. Florida State University, Tallahassee, FL 58 pp.
- Edmiston, H. L. 1979. The zooplankton of the Apalachicola Bay system. M. Sc. Florida State University. 104 pp.
- Eganhouse, R. P. 1974. The solubility behavior of aromatic hydrocarbons in fresh water and sea water. MS. Florida State University, Tallahassee, FL 112 pp.
- Eidemiller, J. A. 1972. Significant associations of the motile epibenthos of the turtle-grass beds of St. Joseph Bay, Florida. MS. Florida State University, Tallahassee, FL 90 pp.
- Ertel, J. R. 1978. The fate of phytol in the sea surface microlayer. MS. Florida State University, Tallahassee, FL 37 pp.
- Estabrook, R. H. 1973. Phytoplankton ecology and hydrography of Apalachicola Bay. M. Sc. Florida State University, Tallahassee, FL 166 pp.
- Farley, G. S. 2002. Helical nature of sperm swimming affects the fit of fertilization-kinetics models to empirical data. *Biological Bulletin* **203**:51-57
- Farley, G. S., and D. R. Levitan. 2001. The role of jelly coats in sperm-egg encounters, fertilization success, and selection on egg size in echinoids. *American Naturalist* **157**:626-632
- Farrell, D. H. 1974. Benthic ecology of Timbalier Bay, Louisiana, and adjacent offshore areas in relation to oil production. PhD. Florida State University, Tallahassee, FL 164 pp.
- Faught, M. K. 2004. The underwater archaeology of paleolandscapes, Apalachee Bay, Florida. *American Antiquity* **69**:275-289
- Faught, M. K., and J. F. Donoghue. 1997. Marine inundated archaeological sites and paleofluvial systems: Examples from a karst-controlled continental shelf setting in Apalachee Bay, Northeastern Gulf of Mexico. *Geoarchaeology* **12**:417-458
- Faught, M. K., J. Latvis, and R. Horlings. 1999. PaleoAucilla prehistory project : underwater prehistoric archaeology in Apalachee Bay, June 28th through August 6th, 1999: Report of the 1999 field operations. Florida State University, Tallahassee, FL.
- Fechter, A. 2002. Carnivory of harpacticoid copepods in the northern Gulf of Mexico. Diplomarbeit. Universitat Rostock, Rostock, Germany pp.
- Fechter, A., D. Thistle, G. Arlt, K. Suderman, and K. Vopel. 2004. Do harpacticoids (Copepoda) use water-borne cues to aid in locating food parcels PSZN Marine Ecology **25**:217-223

- Ferrell, D. 2005. Competitive equivalence maintains persistent inter-clonal boundaries. *Oecologia* **142**:184-190
- Ferrell, D. L. 2005. Competitive equivalence maintains persistent inter-clonal boundaries. *Oecologia* **142**:184-190
- Ferrell, D. L. Submitted. Differences in environmental predictability underlie divergent competitive abilities in three congeneric hydroids *Journal of Evolutionary Biology*
- Ferrell, D. L. Submitted. Disturbance-mediated morphological diversity in a classic mutualism: selection on hydroid growth form depends on host hermit crab density. *Evolution*
- Ferrell, D. L. 2004. Fitness consequences of allorecognition-mediated agonistic interactions in the colonial hydroid *Hydractinia* [GM]. *Biological Bulletin* **206**:173-187
- Ferrell, D. L. 2004. Gastropod shell size and morphology influence conspecific interactions in an encrusting hydroid. *Marine Ecology Progress Series* **275**:153-162
- Fitzhugh, G. R., C. C. Koenig, F. C. Coleman, C. B. Grimes, and W. Sturges. 2005. Spatial and temporal patterns in fertilization and settlement of young gag (*Mycteroperca microlepis*) along the west Florida shelf. *Bulletin of Marine Science* **77**:377-396
- Foy, M. S. 1990. On the vertical distribution of a harpacticoid copepod. M. Sc. . Florida State University, Tallahassee, FL 61 pp.
- Foy, M. S., and D. Thistle. 1991. On the Vertical-Distribution of a Benthic Harpacticoid Copepod - Field, Laboratory, and Flume Results. *Journal of Experimental Marine Biology and Ecology* **153**:153-163
- Frazer, T. K., W. J. Lindberg, and G. R. Stanton. 1991. Predation on sand dollars by gray triggerfish, *Balistes capriscus*, in the Northeastern Gulf of Mexico. *Bulletin of Marine Science* **48**:159-164
- Froelich, P. N., G. A. Hambrick, L. W. Kaul, J. T. Byrd, and O. Lecointe. 1985. Geochemical behavior of inorganic germanium in an unperturbed estuary. *Geochimica Et Cosmochimica Acta* **49**:519-524
- Fukami, H., A. F. Budd, D. R. Levitan, J. Jara, R. Kersanach, and N. Knowlton. 2004. Geographical differences in species boundaries among members of the *Montastraea annularis* complex based on molecular and morphological markers. *Evolution* **58**:324-337
- Gainey, L. F. 1972. The anatomy of the foot with respect to locomotion in *Neritina reclivata* and *Thais rustica*, with a discussion of the factors affecting the mode of locomotion in the Gastropoda. M. Sc. Florida State University, Tallahassee, FL 90 pp.
- Gainey, L. F. 1972. The use of the foot and the captacula in the feeding of *Dentalium* (Mollusca: Scaphopoda). *Veliger* **15**:29-34
- Gainey, L. F. 1976. Locomotion in the gastropoda: functional morphology of the foot in *Neritina reclivata* and *Thais rustica*. *Malacologia* **15**:411-431
- Gainey, L. F. 1976. The response of brackish and freshwater bivalves to osmotic stress: a comparative study. Ph. D. Florida State University, Tallahassee, FL 92 pp.

- Gainey, L. F. 1978. Response of Corbiculidae (Mollusca-Bivalvia) to Osmotic-Stress - Cellular Response. *Physiological Zoology* **51**:79-91
- Gainey, L. F. 1978. Response of Corbiculidae (Mollusca-Bivalvia) to Osmotic-Stress - Organismal Response. *Physiological Zoology* **51**:68-78
- Gainey, L. F., and M. J. Greenberg. 1977. Physiological Basis of Species Abundance Salinity Relationship in Mollusks - Speculation. *Marine Biology* **40**:41-49
- Gainey, L. F., and C. R. Stasek. 1984. Orientational and Anatomical Trends Related to Detorsion among Prosobranch Gastropods. *Veliger* **26**:288-298
- Gainey, L. F., and S. W. Wise. 1980. Convergent Shell Morphology in Inter-Tidal Gastropods. *Journal of Molluscan Studies* **46**:192-207
- Gardner, G. E. 1976. Effectiveness of aerated lagoons in the treatment of bleached kraft mill effluent as determined by avoidance reactions of pinfish (*Lagodon rhomboides*). MS. Florida State University, Tallahassee, FL 61 pp.
- George, L. 1972. MS. Florida State University, Tallahassee, FL pp.
- Gissendanner, E. J. 1986. Alligator Harbor aquatic preserve management plan. Florida Department of Natural Resources, Tallahassee, FL.
- Gotelli, N. J., F. G. Lewis, and C. M. Young. 1987. Body-Size Differences in a Colonizing Amphipod-Mollusk Assemblage. *Oecologia* **72**:104-108
- Gram, R. 1974. Mineralogical changes in antarctic deep-sea sediments and their paleo-climatic significance. PhD. Florida State University, Tallahassee, FL 289 pp.
- Greenberg, M. J. 1965. A compendium of responses of bivalve hearts to acetylcholine. *Comparative Biochemistry and Physiology* **14**:513-539
- Greenberg, M. J. 1977. Cholinesterase diversity in homologous tissues of bivalve molluscs. Pages 127-137 *In* M. J. Michelson, editor. *Comparative Pharmacology of Synaptic Receptors* Academy of Science, Leningrad, USSR.
- Greenberg, M. J., S. D. Painter, and D. A. Price. 1981. The Amide of the Naturally-Occurring Opioid [Met] Enkephalin-Arg6-Phe7 Is a Potent Analog of the Molluscan Neuropeptide Fmrf Amide. *Neuropeptides* **1**:309-317
- Greenberg, M. J., T. Roop, and S. D. Painter. 1980. Relative Contributions of the Receptors and Cholinesterases to the Effects of Acetylcholine on the Hearts of Bivalve Mollusks. *General Pharmacology* **11**:65-74
- Greenberg, M. J., and D. A. Windsor. 1962. Action of Acetylcholine on Bivalve Hearts. *Science* **137**:534-535
- Greening, H. S. 1980. Seasonal and diel variations in the structure of macroinvertebrate communities: Apalachee Bay, Florida. M. Sc. Florida State University, Tallahassee 106 pp.
- Greenwood, P. G., and R. N. Mariscal. 1982. Cnidosac Ultrastructure and Nematocyst Incorporation in the Aeolid Nudibranch *Spurilla-Neapolitana*. *American Zoologist* **22**:940-940
- Greenwood, P. G., and R. N. Mariscal. 1983. Immature Nematocyst Development and Nematocyst Symbiosis in an Aeolid Nudibranch. *American Zoologist* **23**:922-922
- Greenwood, P. G., and R. N. Mariscal. 1984. Immature Nematocyst Incorporation by the Aeolid Nudibranch *Spurilla-Neapolitana*. *Marine Biology* **80**:35-38
- Greenwood, P. G., and R. N. Mariscal. 1984. Nematocyst Maturation In vitro - the Effects of Atp on Isolated Nematocysts. *American Zoologist* **24**:A31-A31

- Greenwood, P. G., and R. N. Mariscal. 1984. The Utilization of Cnidarian Nematocysts by Aeolid Nudibranchs - Nematocyst Maintenance and Release in *Spurilla*. *Tissue & Cell* **16**:719-730
- Grice, G. D. 1953. A qualitative and quantitative seasonal study of the copepoda and cladocera of Alligator Harbor. M. A. Florida State University, Tallahassee, FL 82 pp.
- Griffin, D. R. 1983. The role of natural disturbance in a soft-bottom polychaete community. M. Sc. Florida State University, Tallahassee, FL 27 pp.
- Grose, P. L. 1966. The stratification and circulation of the subsurface waters of the Gulf of Mexico. MS. Florida State University, Tallahassee, FL 84 pp.
- Grose, P. L. 1971. Deep water surface wave spectra measured in the trade wind regime. PhD. Florida State University, Tallahassee, FL 113 pp.
- Guckert, J. B., M. A. Hood, and D. C. White. 1986. Phospholipid Ester-Linked Fatty-Acid Profile Changes During Nutrient Deprivation of *Vibrio-Cholerae* - Increases in the Trans Cis Ratio and Proportions of Cyclopropyl Fatty-Acids. *Applied and Environmental Microbiology* **52**:794-801
- Hammer, J. A. 1978. The effect of water soluble fractions of crude and refined oil on the growth rate and ATP pools of marine microalgae. MS. Florida State University, Tallahassee, FL 52 pp.
- Hanke, A. R. 1972. Aquatic chemistry of boron and silica in estuaries of the Gulf of Mexico. MS. Florida State University, Tallahassee, FL 78 pp.
- Hanson, C. W. 2004. The Influence of Diet on Stable Carbon Isotopic Composition in Otoliths of Juvenile Red Drum (*Sciaenops ocellatus*). M. Sc. Florida State University, Tallahassee, FL 101 pp.
- Hargis, W. J., Jr. 1954. Monogenetic trematodes of some Gulf of Mexico fishes. Ph. D. Florida State University, Tallahassee, FL 304 pp.
- Hattner, J. 1980. Upper cretaceous calcareous nannofossil biostratigraphy of South Carolina. MS. Florida State University, Tallahassee, FL 201 pp.
- Hawkins, J. C. 1974. The effect of petroleum hydrocarbons on the growth of marine bacteria. MS. Florida State University, Tallahassee, FL 111 pp.
- Heck, K. L. 1973. The impact of pulp mill effluents on species assemblages of epibenthic invertebrates in Apalachee Bay, Florida. M. Sc. Florida State University, Tallahassee 100 pp.
- Henson, J. 1983. The regulation of actin mediated shape changes in the sea urchin egg and coelomocyte: the regulatory roles of intracellular pH, calcium and calmodulin. MS. Florida State University, Tallahassee, FL 77 pp.
- Heppell, S. S., S. A. Heppell, F. C. Coleman, and C. C. Koenig. 2006. Models to compare management options for a protogynous fish. *Ecological Applications* **16**:238-249
- Herrnkind, W., G. Stanton, and E. Conklin. 1976. Initial Characterization of Commensal Complex Associated with *Anemone*, *Lebrunia-Danae*, at Grand Bahama. *Bulletin of Marine Science* **26**:65-71
- Herrnkind, W. F., and M. J. Butler. 1986. Factors Regulating Postlarval Settlement and Juvenile Microhabitat Use by Spiny Lobsters *Panulirus-Argus*. *Marine Ecology Progress Series* **34**:23-30

- Higgins, W. J. 1974. Intracellular Actions of 5-Hydroxytryptamine on Bivalve Myocardium .1. Adenylate and Guanylate Cyclases. *Journal of Experimental Zoology* **190**:99-109
- Higgins, W. J., and M. J. Greenberg. 1974. Intracellular actions of 5-hydroxytryptamine on bivalve myocardium. II. Cyclic nucleotide-dependent protein kinases and microsomal calcium-uptake. *Journal of Experimental Zoology* **190**:305-315
- Ho, B. 2004. An Archaeological Study of Glamis: The Role of a 19th-century Iron Barque. M. Sc. Florida State University, Tallahassee, FL pp.
- Hoagland, P. D. 1958. Investigations of turbidity in Alligator Harbor M. Sc. Florida State University, Tallahassee, FL 63 pp.
- Holley, R. M. 1972. Surface temperatures of a tropical island and surrounding ocean measured with an airborne infrared radiometer. MS. Florida State University, Tallahassee, FL 249 pp.
- Holliman, R. B. 1960. Trematode cercariae from the Apalachee Bay area, with a summary of the literature on marine cercariae of the world. Ph. D. Florida State University, Tallahassee 265 pp.
- Holmquist, J. 1992. Disturbance, dispersal, and patch insularity in a marine benthic assemblage: influence of a mobile habitat on seagrasses and associated fauna. Ph. D. Florida State University, Tallahassee, FL 183 pp.
- Hooks, T. A. 1973. An analysis and comparison of the benthic invertebrate communities in the Fenholloway and Econfina estuaries of the Apalachee Bay Florida. M. Sc. Florida State University, Tallahassee, FL 122 pp.
- Horlick, R. G. 1974. Macro-faunal structure and biomass of the sandy beach *Donax* community in the Gulf of Mexico. MS. Florida State University, Tallahassee, FL 323 pp.
- Horrell, C. E. 2005. Plying the waters of time: maritime archaeology and history on the Florida Gulf Coast. Ph. D. Florida State University, Tallahassee, FL 220 pp.
- Horton, S. 1982. Refraction of wave packets by currents. MS. Florida State University, Tallahassee, FL 96 pp.
- Horvath, G. J. 1968. The sedimentology of the Pensacola Bay system, northwestern Florida. MS. Florida State University, Tallahassee, FL 89 pp.
- Horvath, G. J. 1973. The geochemistry and transport of Mn, Fe, Co, Cu, Zn, Cd, and Pb in the freshwater and estuarine environments of the Big Cypress-Everglades region of Florida. PhD. Florida State University, Tallahassee, FL 159 pp.
- Hsu, W. 1974. The phototrawl, an improved quantitative trawling technique for deep-sea sampling. MS. Florida State University, Tallahassee, FL 138 pp.
- Huettel, M., P. Cook, F. Janssen, G. Lavik, and J. Middelburg. 2007. Transport and degradation of a dinoflagellate algal bloom in a permeable sublittoral sediment *Marine Ecology Progress Series* **340**:139-153
- Humm, H. J. 1953. Check list of the marine fauna and flora of the St. Georges Sound-Apalachee Bay Region, Florida Gulf Coast Third edition. Florida State University Oceanographic Institute, Tallahassee, FL 18
- Hunter, E. M., H. J. Mills, and J. E. Kostka. 2006. Microbial community diversity associated with carbon and nitrogen cycling in permeable shelf sediments. *Applied and Environmental Microbiology* **72**:5689-5701

- Iliffe, T. M. 1973. Dissolved hydrocarbons and fatty acids in the eastern Gulf of Mexico loop current. MS. Florida State University, Tallahassee, FL 68 pp.
- Jacob, D. J. 1977. Vertical faunal zonation of the deep sea benthos. MS. Florida State University, Tallahassee, FL 91 pp.
- Jarvis, J. W., and W. F. Marzluff. 1989. The Early and Late Sea-Urchin Histone-H4 Messenger-Rnas Respond Differently to Inhibitors of DNA-Synthesis. *Developmental Biology* **132**:325-330
- Jo, S.-g., and N. H. Marcus. 2004. The effect of temperature and duration of incubation on the hatching of diapause eggs of *Centropages hamatus* (Copepoda, Calanoida). *Aquaculture Research* **35**:432-435
- Johnson, R. W. 1971. Short-term alterations of hydrocarbons and fatty acids occurring in a salt marsh. MS. Florida State University, Tallahassee, FL 77 pp.
- Joseph, E. B. 1952. The fishes of Alligator Harbor, Florida, with notes on their natural history M. Sc. Florida State University, Tallahassee, FL 68 pp.
- Kahn, M. I. 1970. The significance of the intraspecific variability of living *Globigerina dutertrei* D'Orbigny 1839 in a selected environmental range. MS. Florida State University, Tallahassee, FL 69 pp.
- Kane, K., and G. S. Farley. 2006. Body size of the endosymbiotic pea crab *Tumidotheres maculatus*: Lareger hosts hold larger crabs. . *Gulf and Caribbean Research* **18**:27-33
- Kator, H. I. 1972. Utilization of crude oil hydrocarbons by mixed cultures of marine bacteria. PhD. Florida State University, Tallahassee, FL 239 pp.
- Kaul, L. W., and P. N. Froelich. 1984. Modeling Estuarine Nutrient Geochemistry in a Simple System. *Geochimica Et Cosmochimica Acta* **48**:1417-1433
- Kazmierczak, F. 2006. The influence of species specific odors on the behavior of *Amphiascoides atopus*. Diplomarbeit. Ybuversutat /risticj, Germany pp.
- Kearsley, F. 1973. Concentration of ¹³C content of molecular size fractions of the dissolved organic matter in estuaries and marine waters. MS. Florida State University, Tallahassee, FL 90 pp.
- Keith, M. 2004. A Model for Studying World War II-Era LCMs in the Archaeological Record. M. A. Florida State University, Tallahassee, FL pp.
- Keough, M. J. 1986. The Distribution of a Bryozoan on Seagrass Blades - Settlement, Growth, and Mortality. *Ecology* **67**:846-857
- Keough, M. J., and H. Chernoff. 1987. Dispersal and Population Variation in the Bryozoan *Bugula-Neritina*. *Ecology* **68**:199-210
- Kettleson, M. 1973. Trend surface for the level of no motion in the Gulf of Mexico. MS. Florida State University, Tallahassee, FL 77 pp.
- Knauer, G. A. 1969. The concentration of Manganese, Iron, Copper, Zinc, and Magnesium in Penaeid shrimp. MS. Florida State University, Tallahassee, FL 54 pp.
- Koch, J. L. 2006. Late Quaternary Evolution of the Northwest Florida Coast and Margin: Development of a Conceptual Model for Identifying and Characterizing Shelf Sediment Deposits. Ph. D. Florida State University, Tallahassee, FL pp.
- Koenig, C. C. 1975. Effects of DDT and Mirex alone and in combination on the reproduction of a saltmarsh cyprinodont fish, *Adinia xenica* Ph. D. Florida State University, Tallahassee, FL 137 pp.

- Koenig, C. C. 1977. Synergistic effect of mirex on DDT toxicity to embryos and larvae of the diamond killifish, *Adinia xenica*. Pages 357-376 In F. J. Vernberg, A. Calabrese, F. P. Thurberg, and W. B. Vernberg, editors. Physiological Responses of Marine Biota to Pollutants - Proceedings of a Symposium held in Connecticut, Nov. 1975 Academic Press, New York, NY.
- Koenig, C. C., and F. C. Coleman. 1998. Absolute abundance and survival of juvenile gags in sea grass beds of the Northeastern Gulf of Mexico. Transactions of the American Fisheries Society **127**:44-55
- Koenig, C. C., F. C. Coleman, L. A. Collins, Y. Sadovy, and P. L. Colin. 1996. Reproduction in gag (*Mycteroperca microlepis*) (Pisces: Serranidae) in the eastern Gulf of Mexico and the consequences of fishing spawning aggregations. Pages 307-323 In F. Arreguin-Sanchez, J. L. Munro, M. C. Balgos, and D. Pauly, editors. Biology, Fisheries, and Culture of Tropical Groupers and Snappers 48. ICLARM Conference Proceedings
- Koenig, C. C., F. C. Coleman, A. Eklund, J. Schull, and J. Ueland. 2007. Mangroves as essential nursery habitat for goliath grouper (*Epinephelus itajara*). Bulletin of Marine Science **80** 567-586
- Koenig, C. C., R. J. Livingston, and C. R. Cripe. 1976. Blue crab mortality: Interaction of temperature and DDT residues. Archives of Environmental Contamination and Toxicology **4**:119-128
- Kuhlmann, M. L. 1991. Factors influencing predation on the hermit crab *Pagurus longicarpus*. M. Sc. Florida State University, Tallahassee, Florida 57 pp.
- Kuhlmann, M. L. 1992. Behavioral Avoidance of Predation in an Intertidal Hermit-Crab. Journal of Experimental Marine Biology and Ecology **157**:143-158
- Kuhlmann, M. L. 1996. Indirect effects among species in a northern Gulf of Mexico seagrass community. Ph. D. Florida State University, Tallahassee, FL 164 pp.
- Kuhlmann, M. L. 1994. Indirect effects of a predatory gastropod in a seagrass community. Journal of Experimental Marine Biology and Ecology **183**:163-178
- Kuhlmann, M. L. 1998. Spatial and temporal patterns in the dynamics and use of pen shells (*Atrina rigida*) as shelters in St Joseph Bay, Florida. Bulletin of Marine Science **62**:157-179
- Kuhlmann, M. L. 1997. Regulation of fish reproduction by a predatory gastropod: an experimental investigation of indirect effects in a seagrass community. Journal of Experimental Marine Biology and Ecology **218**:199-214
- Kuhlmann, M. L., and R. E. Walker. 1999. Geographic variation in size structure and size at maturity in the crab *Pilumnus sayi* (Crustacea: Decapoda: Xanthidae) in the northern Gulf of Mexico. Bulletin of Marine Science **64**:535-541
- Kuperberg, J. M. 1986. Response of the marine macrophyte *Thalassia testudinum* to herbivory. M. Sc. Florida State University, Tallahassee, FL 85 pp.
- Lambert, M. J., and W. C. Burnett. 2003. Submarine groundwater discharge estimates at a Florida coastal site based on continuous radon measurements. Biogeochemistry **66**:55-73
- Larson, R. J. 1991. Diet, Prey Selection and Daily Ration of *Stomolophus-Meleagris*, a Filter-Feeding Scyphomedusa from the Ne Gulf of Mexico. Estuarine Coastal and Shelf Science **32**:511-525

- Leber, K. M. 1985. The Influence of Predatory Decapods, Refuge, and Microhabitat Selection on Seagrass Communities. *Ecology* **66**:1951-1964
- LeBlanc, D. J. 1973. The ecology, diversity, and biomass of nearshore polychaetes in Ochlockonee Bay, Florida. MS. Florida State University, Tallahassee, FL 88 pp.
- Lee, S. M. 1975. An investigation of stratified spin-up using a rotating laser doppler velocimeter. MS. Florida State University, Tallahassee, FL 101 pp.
- Lee, T. N. 1967. Sea surface temperature as related to circulation in the Gulf of Mexico. MS. Florida State University, Tallahassee, FL 104 pp.
- Levitan, D. 2005. The distribution of male and female reproductive success in a broadcast spawning marine invertebrate. *Integrative and Comparative Biology* **45**:848-855
- Levitan, D. 2005. Sex specific spawning behavior and its consequences in an external fertilizer. *American Naturalist* **165**:682-694
- Levitan, D. 2006. Relationship between egg size and fertilization success in broadcast spawning marine invertebrates. *Integrative and Comparative Biology* **46**:298-311
- Levitan, D., and D. Ferrell. 2006. Selection on gamete recognition proteins depends on sex, density and genotype frequency. *Science* **312**:267-269
- Levitan, D., C. terHorst, and N. Fogarty. 2007. The risk of polyspermy in three congeneric sea urchins and its implications for gametic incompatibility and reproductive isolation. *Evolution* **In press**
- Levitan, D. R. 1996. Effects of gamete traits on fertilization in the sea and the evolution of sexual dimorphism. *Nature* **382**:153-155
- Levitan, D. R. 1996. Predicting optimal and unique egg sizes in free-spawning marine invertebrates. *American Naturalist* **148**:174-188
- Levitan, D. R. 1998. Does Bateman's Principle apply to broadcast-spawning organisms? Egg traits influence in situ fertilization rates among congeneric sea urchins. *Evolution* **52**:1043-1056
- Levitan, D. R. 2000. Optimal egg size in marine invertebrates: theory and phylogenetic analysis of the critical relationship between egg size and development time in echinoids. *American Naturalist* **156**:175-192
- Levitan, D. R. 2000. Sperm velocity and endurance trade-off and influence fertilization in the sea urchin *Lytechinus variegatus*. *Proceedings of the Royal Society of London: Biological Sciences* **267**:531-534
- Levitan, D. R. 2002. Density-dependent selection on gamete traits in three congeneric sea urchins. *Ecology* **83**:464-479
- Levitan, D. R. 2002. The relationship between conspecific fertilization success and reproductive isolation among three congeneric sea urchins. *Evolution* **56**:1599-1609
- Levitan, D. R. 2004. Density-dependent sexual selection in external fertilizers: variances in male and female reproductive success along the continuum from sperm limitation to sexual conflict in the sea urchin *Strongylocentrotus franciscanus*. *American Naturalist* **164**:298-309
- Levitan, D. R., J. Fukami, J. Jara, D. Kline, T. A. McGovern, K. M. McGhee, C. A. Swanson, and N. Knowlton. 2004. Mechanisms of reproductive isolation among sympatric broadcast-spawning corals of the *Montastraea annularis* complex. *Evolution* **58**:308-323

- Levitan, D. R., and S. D. Irvine. 2001. Fertilization selection on egg and jelly-coat size in the sand dollar *Dendraster excentricus*. *Evolution* **55**:2479-2483
- Lewis, F. G. 1974. Avoidance reaction of two species of marine fishes to kraft pulp mill effluent. MS. Florida State University, Tallahassee, FL 79 pp.
- Lewis, F. G. 1987. Crustacean Epifauna of Seagrass and Macroalgae in Apalachee Bay, Florida, USA. *Marine Biology* **94**:219-229
- Lewis, T. C. 1973. Biology of searobins (Pisces: Triglidae) from the northern Gulf of Mexico. M. Sc. Florida State University, Tallahassee, FL 84 pp.
- Lewis, T. C. 1982. The reproductive anatomy, seasonal cycles, and development of the Atlantic stingray, *Dasyatis sabina* (Lesueur) (Pisces, Dasyatidae) from the Northeastern Gulf of Mexico. Ph. D. Florida State University, Tallahassee, FL 205 pp.
- Lindberg, S. E. 1976. Mercury in interstitial solutions and associated sediments from estuarine areas on the Gulf of Mexico. MS. Florida State University, Tallahassee, FL 127 pp.
- Lindberg, S. E. 1979. Mechanisms and rates of atmospheric deposition of selected trace elements and sulfate to a deciduous forest watershed. PhD. Florida State University, Tallahassee, FL 517 pp.
- Lindberg, W. J. 1980. Patterns of Resource Use within a Population of Xanthid Crabs Occupying Bryozoan Colonies. *Oecologia* **46**:338-342
- Lindberg, W. J., T. K. Frazer, and G. R. Stanton. 1990. Population Effects of Refuge Dispersion for Adult Stone Crabs (Xanthidae, *Menippe*). *Marine Ecology Progress Series* **66**:239-249
- Lindberg, W. J., and R. B. Frydenborg. 1980. Resource centered agonism of *Pilumnus sayi* (Brachyura, Xanthidae), an associate of the bryozoan *Schizoporella pungens*. *Behaviour* **75**:235-250
- Lindberg, W. J., and G. Stanton. 1988. Bryozoan-Associated Decapod Crustaceans - Community Patterns and a Case of Cleaning Symbiosis between a Shrimp and Crab. *Bulletin of Marine Science* **42**:411-423
- Lindberg, W. J., and G. R. Stanton. 1989. Resource quality, dispersion and mating prospects for crabs occupying bryozoan colonies. *Journal of Experimental Marine Biology and Ecology* **128**:257-282
- Little, F. J., Jr. 1958. The sponge fauna of the St. George's Sound, Apalachee Bay, and Panama City regions of the Florida Gulf coast Florida State University, Tallahassee 119 pp.
- Livingston, R. J. 1975. Impact of Kraft Pulp-Mill Effluents on Estuarine and Coastal Fishes in Apalachee Bay, Florida, USA. *Marine Biology* **32**:19-48
- Lochen, T. 1972. A sedimentological study of the area surrounding De Soto Canyon Head, northeastern Gulf of Mexico. MS. Florida State University, Tallahassee, FL 113 pp.
- Lopez-Duarte, P. C., and R. A. Tankersley. 2007. Circatidal swimming behavior of brachyuran crab zoea larvae: implications for ebb-tide transport. *Marine Biology* **151**:2037-2051
- Lopez-Duarte, P. C., and R. A. Tankersley. 2007. Circatidal swimming behaviors of fiddler crab *Uca pugilator* larvae from different tidal regimes. *Marine Ecology Progress Series* **343**:207-220

- Luczkovich, J. J. 1988. The Role of Prey Detection in the Selection of Prey by Pinfish *Lagodon-Rhomboides* (Linnaeus). *Journal of Experimental Marine Biology and Ecology* **123**:15-30
- Lutz, R. V., N. H. Marcus, and J. P. Chanton. 1992. Effects of Low Oxygen Concentrations on the Hatching and Viability of Eggs of Marine Calanoid Copepods. *Marine Biology* **114**:241-247
- Lutz, R. V., N. H. Marcus, and J. P. Chanton. 1994. Hatching and Viability of Copepod Eggs at two Stages of Embryological Development - Anoxic/Hypoxic Effect. *Marine Biology* **119**:199-204
- Lyons, J. M. 1978. Distribution and abundance of the larvae of *Decapterus punctatus* (Pisces: Carangidae) and *Bothus spp.* (Pisces: Bothidae) in the Florida and Yucatan Straits. MS. Florida State University, Tallahassee, FL 85 pp.
- MacFarlane, R. B. 1970. The effects of DDT on photosynthesis and Chlorophyll A content in the marine diatom *Nitzschia delicatissimum* under conditions of variable light intensity. MS. Florida State University, Tallahassee, FL 49 pp.
- MacFarlane, R. B. 1979. Effects of low pH water on the adenine nucleotide pool and locomotor activity of the gulf killifish *Fundulus grandis*. PhD. Florida State University, Tallahassee, FL 111 pp.
- Magley, W. C. 1978. An analysis of heavy metals in the American oyster, *Crassostrea virginica*, from four sites in the Tampa Bay region. MS. Florida State University, Tallahassee, FL 55 pp.
- Mahadevan, S. 1977. A study of the effects of deep-water munition dumps (chemical and conventional) on deep-sea benthic macro-fauna of the northwestern Atlantic Ocean. PhD. Florida State University, Tallahassee, FL 343 pp.
- Main, K. L. 1985. The Influence of Prey Identity and Size on Selection of Prey by 2 Marine Fishes. *Journal of Experimental Marine Biology and Ecology* **88**:145-152
- Main, K. L. 1987. Predator Avoidance in Seagrass Meadows - Prey Behavior, Microhabitat Selection, and Cryptic Coloration. *Ecology* **68**:170-180
- Marcus, N. H. 1989. Abundance in sediments and hatching requirements of eggs of *Centropages hamatus* (Copepoda, Calanoida) from the Alligator Harbor Region, Florida. *Biological Bulletin* **176**:142-146
- Marcus, N. H. 1991. Planktonic Copepods in a Subtropical Estuary - Seasonal Patterns in the Abundance of Adults, Copepodites, Nauplii, and Eggs in the Sea Bed. *Biological Bulletin* **181**:269-274
- Marcus, N. H. 1998. Vulnerability of *Centropages hamatus* (Lilljeborg) diapause eggs (Copepoda: Calanoida) to anoxia: The influence of time of initial exposure. *Archives Hydrobiologica Special Issues on Advanced Limnology*:273-279
- Marcus, N. H. 2001. Zooplankton: responses to and consequences of hypoxia. Pages 49-60 *In* N. Rabalais and R. E. Turner, editors. *Coastal Hypoxia: Consequences for Living Resources and Ecosystems* 58. American Geophysical Union.
- Marcus, N. H. 2005. Calanoid copepods, resting eggs, and aquaculture. Pages 3-10 *In* C. S. Lee, P. J. O'Bryen, and N. H. Marcus, editors. *Copepods in Aquaculture* Blackwell Publishing, Oxford.
- Marcus, N. H., and R. Lutz. 1994. Effects of exposure to anoxias on the viability of subitaneous eggs of planktonic copepods. *Marine Biology* **121**:83-87

- Marcus, N. H., R. Lutz, W. Burnett, and P. Cable. 1994. Age, viability, and vertical distribution of zooplankton resting eggs from an anoxic basin: evidence of an egg bank. *Limnology and Oceanography* **39**:154-158
- Marcus, N. H., and R. V. Lutz. 1998. Longevity of subitaneous and diapause eggs of *Centropages hamatus* (Copepoda: Calanoida) from the northern Gulf of Mexico. *Marine Biology* **131**:249-257
- Marcus, N. H., R. V. Lutz, and J. P. Chanton. 1997. Impact of anoxia and sulfide on the viability of eggs of three planktonic copepods. *Marine Ecology Progress Series* **146**:291-295
- Marcus, N. H., and M. Murray. 2001. Copepod diapause eggs: a potential source of nauplii for aquaculture. *Aquaculture* **201**:49-60
- Marcus, N. H., C. Richmond, C. Sedlacek, G. Miller, and C. Oppert. 2004. Impact of hypoxia on the survival and fecundity of *Acartia tonsa*. *Journal of Experimental Marine Biology and Ecology* **301**:111-128
- Marcus, N. H., and K. Taulbee. 1992. Potential effects of a resuspension event on the vertical distribution of copepod eggs in the sea bed - a laboratory simulation. *Marine Biology* **114**:249-251
- Marks, B. S. 2006. Site formation processes and activity areas at Ontolo (8JE1577): a submerged prehistoric human occupation site in Apalachee Bay, Florida. Ph. D. Florida State University, Tallahassee, FL 216 pp.
- Marten, M. 2005. Spatial and Temporal Analysis of the Harbor at Antiochia ad Crageum, Turkey. M. A. Florida State University, Tallahassee, FL pp.
- Martens, C. S. 1969. The inhibition of inorganic marine apatite precipitation by Magnesium ions. MS. Florida State University, Tallahassee, FL 24 pp.
- Martens, C. S. 1972. Atmospheric chemistry of coastal aerosols, cloud droplets and rain. PhD. Florida State University, Tallahassee, FL 159 pp.
- Marum, J. P. 1974. Spatial and temporal variations of zooplankton in relation to offshore oil drilling and estuarine-marine faunal exchange. PhD. Florida State University, Tallahassee, FL 246 pp.
- Marx, J. M., and W. F. Herrnkind. 1985. Macroalgae (Rhodophyta, *Laurencia spp*) as habitat for young juvenile spiny lobsters, *Panulirus argus*. *Bulletin of Marine Science* **36**:423-431
- Mathis, J. M. 1973. Red mangrove decomposition: a pathway for heavy metal enrichment in Everglades estuaries. MS. Florida State University, Tallahassee, FL 62 pp.
- Mattis, T. E. 1975. A survey of tetraphyllidean cestodes of common neritic elasmobranchs from Alligator Harbor, Franklin County, Florida and adjacent waters. Florida State University, Tallahassee, FL 105 pp.
- Matraw, H. C. 1973. Cation exchange capacity and exchangeable metals in a south Florida watershed. PhD. Florida State University, Tallahassee, FL 80 pp.
- McCartney, M. A., K. Brayer, and D. R. Levitan. 2004. Polymorphic microsatellite loci from the red urchin, *Strongylocentrotus franciscanus*, with comments on heterozygote deficit. *Molecular Ecology Notes* **4**:226-228
- McClintock, T. 1983. Changes in Shell Condition Affecting Hermit Crab Shell Preference. *American Zoologist* **23**:941-941

- McClintock, T. S. 1985. Effects of Shell Condition and Size Upon the Shell Choice Behavior of a Hermit Crab. *Journal of Experimental Marine Biology and Ecology* **88**:271-285
- McGhee, K. 2006. The importance of life-history stage and individual variation in the allorecognition system of a marine sponge. *Journal of Experimental Marine Biology and Ecology* **333**:241-250
- Menendez, R. J. 1987. Vertical zonation of the xanthid mud crabs *Panopeus obesus* and *Panopeus simpsoni* on Oyster Reefs. *Bulletin of Marine Science* **40**:73-77
- Menzel, R. W. 1956. Annotated check-list of the marine fauna and flora of the St. George's Sound--Apalachee Bay region, Florida Gulf Coast. Florida State University, Tallahassee, FL 78
- Menzel, R. W. 1971. Checklist of the marine fauna and flora of the Apalachee Bay and the St. George's Sound area.
- Meyer, S. L., and R. H. Williams. 1955. The Oceanographic Institute of Florida State University. *AIBS Bulletin* **5**:28-29
- Miget, R. J. 1971. Microbial seeding to accelerate hydrocarbon degradation. PhD. Florida State University, Tallahassee, FL 127 pp.
- Miller, D., and N. H. Marcus. 1994. The effects of salinity and temperature on the density and sinking velocity of eggs of the calanoid copepod. *A Journal of Experimental Marine Biology and Ecology* **179**:235-252
- Moeller, J., and M. Meredith. 1998. Increase in gonadotropin-releasing hormone (GnRH) levels in CSF after stimulation of the nervus terminalis in Atlantic stingray, *Dasyatis sabrina*. *Brain Research Bulletin* **806**:104-107
- Monastero, F. C. 1972. Tasman basin sedimentation patterns and processes. PhD. Florida State University, Tallahassee, FL 122 pp.
- Moore, S. A. 1972. Effects of selected organochlorine compounds *in situ* on natural marine phytoplankton communities of St. George Sound in the northeastern Gulf of Mexico. M. Sc. Florida State University, Tallahassee, FL 86 pp.
- Moore, S. A. 1972. Effects of selected organochlorine compounds *in situ* on natural marine phytoplankton communities of St. George Sound in the northeastern Gulf of Mexico. MS. Florida State University, Tallahassee, FL 86 pp.
- Morey, S. L., S. Baig, M. A. Bourassa, D. S. Dukhovskoy, and J. J. O'Brien. 2006. Remote forcing contribution to storm-induced sea level rise during Hurricane Dennis. *Geophysical Research Letters* **33**.L19603 Artn I19603
- Morris, G. F., and W. F. Marzluff. 1985. Synthesis of U1 Rna in Isolated-Nuclei from Sea-Urchin Embryos - U1 Rna Is Initiated at the 1st Nucleotide of the Rna. *Molecular and Cellular Biology* **5**:1143-1150
- Morris, G. F., D. H. Price, and W. F. Marzluff. 1986. Synthesis of U1 Rna in a DNA-Dependent System from Sea-Urchin Embryos. *Proceedings of the National Academy of Sciences of the United States of America* **83**:3674-3678
- Mouquet, N., P. Munguia, J. M. Kneitel, and T. E. Miller. 2003. Community assembly time and the relationship between local and regional species richness. *Oikos* **103**:618-626
- Muessig, P. H. 1974. Acute toxicity of mercuric chloride and the accumulation and distribution of mercuric chloride and methyl mercury in channel catfish (*Ictalurus punctatus*). MS. Florida State University, Tallahassee, FL 72 pp.

- Muller, J. W. 1981. Behavioral effect of laboratory simulated storm-related phenomena, especially current and turbulence, on the spiny lobster *Panuliris argus*. MS. Florida State University, Tallahassee, FL 70 pp.
- Munguia, P. 2006. Diversity patterns in pen shell (*Atrina rigida*) communities. Ph. D. Florida State University, Tallahassee, FL 110 pp.
- Munguia, P. 2007. Spatial structure of communities on dead pen shells (*Atrina rigida*) in sea grass beds. *Marine Biology* **152**:149-156
- Munguia, P. 2007. Successional patterns of pen shell communities at local and regional scales. *Journal of Animal Ecology* **73**:64-74
- Munguia, P., C. Mackie, and D. R. Levitan. 2007. The influence of stage-dependent dispersal on the population dynamics of three amphipod species. *Oecologia* **153**:533-541
- Murday, M. 1970. High-frequency fluctuations of humidity, temperature and horizontal wind from subcloud tethered-balloon telemetry system. MS. Florida State University, Tallahassee, FL 160 pp.
- Murray, M. M., and N. H. Marcus. 2002. Survival and diapause egg production of the copepod *Centropages hamatus* raised on dinoflagellate diets. *Journal of Experimental Marine Biology and Ecology* **270**:39-56
- Na, J. Y. 1973. Forced oscillations of an enclosed rotating fluid. MS. Florida State University, Tallahassee, FL 41 pp.
- Nagle, G. T. 1981. Subcellular localization, release and blood levels of the molluscan neuropeptide FMRFamide Florida State University, Tallahassee, FL 108 pp.
- Nagle, G. T. 1982. The Molluscan Neuropeptide Fmrfamide - Calcium-Dependent Release and Blood-Levels in Macrocallista (Bivalvia). *Life Sciences* **30**:803-807
- Nagle, G. T., and M. J. Greenberg. 1982. Effects of biogenic-amines, Fmrfamide and acetylcholine on the radula protractor muscle of a whelk. *Comparative Biochemistry and Physiology - Part C: Pharmacology Toxicology & Endocrinology* **73**:17-21
- Nagle, G. T., and M. J. Greenberg. 1982. A highly sensitive microbioassay for the mulluscan neuropeptide Fmrfamide. *Comparative Biochemistry and Physiology - Part C: Pharmacology Toxicology & Endocrinology* **71**:101-105
- Naqvi, S. M. 1966. Effect of predation on infaunal invertebrates of Alligator Harbor region Florida State University, Tallahassee, FL 75 pp.
- Nash, M. A., S. E. Kozak, L. M. Angerer, R. C. Angerer, H. Schatten, G. Schatten, and W. F. Marzluff. 1987. Sea-Urchin Maternal and Embryonic U1 Rnas Are Spatially Segregated in Early Embryos. *Journal of Cell Biology* **104**:1133-1142
- Nash, M. A., S. Sakallah, C. Santiago, J. C. Yu, and W. F. Marzluff. 1989. A Developmental Switch in Sea-Urchin U1-Rna. *Developmental Biology* **134**:289-296
- Newhoff, H. A. 1973. A method for the determination of circulation in the Grand Banks region. MS. Florida State University, Tallahassee, FL 89 pp.
- Nielson, S. A. 1971. Zinc and carbonic anhydrase in oysters. PhD. Florida State University, Tallahassee, FL 109 pp.
- Oas, T. G. 1978. The effects of growth temperature and temperature shift on the lipid composition of a blue-green alga. MS. Florida State University, Tallahassee, FL 86 pp.

- Olguin-Espinoza, I. 1987. The reproductive cycle of the oyster *Crassostrea virginica* (Gmelin) in the Apalachicola Bay, Florida. M. Sc. Florida State University, Tallahassee, FL 74 pp.
- Olson, F. C. W. 1955. The hydrography of Alligator Harbor, Franklin County Florida. Florida State University Oceanographic Institute **Contribution no. 28**:172
- Osburn, W. L. 1972. The sediments and sedimentary transport processes of the Chilean Continental Margin between 37°27' and 41°00' S. MS. Florida State University, Tallahassee, FL 84 pp.
- Paine, R. T. 1962. Ecological diversification in sympatric gastropods of genus *Busycon*. *Evolution* **16**:515-523
- Paine, R. T. 1962. Ecological notes on a Gymnophalline metacercaria from brachiopod *Glottidia pyramidata*. *Journal of Parasitology* **48**:509
- Paine, R. T. 1962. Reproduction of *Olivella mutica*. *Nautilus* **75**:139-142
- Paine, R. T. 1963. Ecology of brachiopod *Glottidia pyramidata*. *Ecological Monographs* **33**:187-213
- Paine, R. T. 1963. Feeding rate of a predaceous gastropod, *Pleuroploca gigantea*. *Ecology* **44**:402-403
- Paine, R. T. 1963. Trophic relationships of 8 sympatric predatory gastropods. *Ecology* **44**:63-73
- Paine, R. T. 1970. The sediment occupied by recent lingulid brachiopods and some paleoecological implications. *Palaeogeography, Palaeoclimatology, Palaeoecology* **7**:21-31
- Painter, S. D. 1981. The effects of the molluscan neuropeptide FMRFamide on bivalve heart and smooth muscle Ph. D. Florida State University, Tallahassee, FL 148 pp.
- Painter, S. D., and M. J. Greenberg. 1982. A Survey of the Responses of Bivalve Hearts to the Molluscan Neuropeptide Fmrfamide and to 5-Hydroxytryptamine. *Biological Bulletin* **162**:311-332
- Pastula, E. J. 1967. The ecology and distribution of recent foraminifera of Choctawhatchee Bay, Florida. MS. Florida State University, Tallahassee, FL 104 pp.
- Paul, A. Z. 1970. Benthic diversity and oligomixity at the Cariaco Trench, Venezuela, a preliminary analysis. MS. Florida State University, Tallahassee, FL 140 pp.
- Paul, A. Z. 1973. Benthic ecology of the high arctic deep-sea. PhD. Florida State University, Tallahassee, FL 337 pp.
- Peeler, K. A. 2004. Caffeine as an anthropogenic source indicator in freshwater and marine systems. M. Sc. Florida State University, Tallahassee, FL 132 pp.
- Phillips, C. 1988. The influence of physical disturbance on infaunal macroinvertebrates of seagrass beds M. Sc. Florida State University, Tallahassee, FL 241 pp.
- Phillips, S. M. 1973. A comparative analysis of recent deep-sea sediments of the upper continental rise of the eastern United States. MS. Florida State University, Tallahassee, FL 84 pp.
- Pierce, S. K. 1970. Water balance in the bivalved mollusks. Ph. D. Florida State University, Tallahassee, FL 151 pp.

- Pierce, S. K. 1970. Water balance of *Modiolus* (Mollusca - Bivalvia - Mytilidae) - osmotic concentrations in changing salinities. *Comparative Biochemistry and Physiology* **36**:521-533
- Pierce, S. K. 1971. Source of solute for volume regulation in marine mussels. *Comparative Biochemistry and Physiology* **38**:619-635
- Pierce, S. K. 1971. Volume regulation and valve movements by marine mussels. *Comparative Biochemistry and Physiology* **39**:103-&
- Plummer, J. M., M. J. Greenberg, H. K. Lehman, and J. A. Watts. 1983. Competitive-Inhibition by Dimethylsulfoxide of Molluscan and Vertebrate Acetylcholinesterase. *Biochemical Pharmacology* **32**:151-158
- Price, D. A. 1977. The structure of the cardioexcitatory neuropeptide, Peak C, from the clam *Macrocallista nimbosa*. Ph. D. Florida State University, Tallahassee, FL 68 pp.
- Price, D. A., and M. J. Greenberg. 1977. Purification and Characterization of a Cardioexcitatory Neuropeptide from Central Ganglia of a Bivalve Mollusk. *Preparative Biochemistry* **7**:261-281
- Price, D. A., and M. J. Greenberg. 1977. Structure of a Molluscan Cardioexcitatory Neuropeptide. *Science* **197**:670-671
- Price, D. A., and M. J. Greenberg. 1980. Pharmacology of the Molluscan Cardioexcitatory Neuropeptide Fmrfamide. *General Pharmacology* **11**:237-241
- Purcell, B. 1977. The ecology of epibenthic fauna associated with *Vallisneria americana* beds in a north Florida estuary. MS. Florida State University, Tallahassee, FL 111 pp.
- Putland, J. N. 2005. Ecology of phytoplankton, *Acartia tonsa*, and microzooplankton in Apalachicola Bay, Florida. Ph. D. Florida State University, Tallahassee, FL 140 pp.
- Ravenel, W. S. 1980. The effect of sediment characteristics on the distribution of subtidal harpacticoid copepods. M. S. Florida Stae University, Tallahassee, FL pp.
- Ravenel, W. S., and D. Thistle. 1981. The effect of sediment characteristics on the distribution of two subtidal harpacticoid copepod species. . *Journal of Experimental Marine Biology and Ecology* **50**:289-301
- Reidenauer, J. A. 1981. The role of ray disturbance in a subtidal soft-bottom harpacticoid copepod community. M. Sc. Florida State University, Tallahassee, FL 40 pp.
- Reidenauer, J. A. 1986. A field investigation of a sand-dollar (*Mellita quinquesperforata*) population and its effects on the benthic community. Ph. D. Florida State University, Tallahassee, FL 177 pp.
- Reidenauer, J. A., and D. Thistle. 1981. Response of a soft bottom harpacticoid copepod community to sting ray (*Dasyatis sabina*) disturbance. *Marine Biology* **65**:261-267
- Richardson, M. D., K. B. Briggs, L. D. Bibee, P. A. Jumars, W. B. Sawyer, D. B. Albert, R. H. Bennett, T. K. Berger, M. J. Buckingham, N. P. Chotiros, P. H. Dahl, N. T. Dewitt, P. Fleischer, R. Flood, C. F. Greenlaw, D. V. Holliday, M. H. Hulbert, M. P. Hutnak, P. D. Jackson, J. S. Jaffe, H. P. Johnson, D. L. Lavoie, A. P. Lyons, C. S. Martens, D. E. McGehee, K. D. Moore, T. H. Orsi, J. N. Piper, R. I. Ray, A.

- H. Reed, R. F. L. Self, J. L. Schmidt, S. G. Schock, F. Simonet, R. D. Stoll, D. Tang, D. E. Thistle, E. I. Thorsos, D. J. Walter, and R. A. Wheatcroft. 2001. Overview of SAX99: environmental considerations. *IEEE J. Oceanic Engineering* **26**:26-53
- Richmond, C., N. H. Marcus, C. Sedlacek, G. A. Miller, and C. Oppert. 2006. Hypoxia and seasonal temperature: short-term effects and long-term implications for *Acartia tonsa dana*. *Journal of Experimental Marine Biology and Ecology* **328**:177-196
- Roe, K. 1983. Dating insular phosphorite: experimental results and preliminary evaluation. MS. Florida State University, Tallahassee, FL 96 pp.
- Roop, T., and M. J. Greenberg. 1976. Comparison of cholinesterases of an oyster (*Crassostrea virginica*) and a clam (*Macrocallista nimbosa*). *Journal of Experimental Zoology* **198**:121-134
- Ruddell, J. M. 1976. A quantitative comparison of meiofaunal distributions in an open sand area and a sea grass bed (*Thalassia testudinum*). MS. Florida State University, Tallahassee, FL 142 pp.
- Rudloe, A. 1980. The breeding behavior and patterns of movement of horseshoe crabs, *Limulus polyphemus*, in the vicinity of breeding beaches in Apalachee Bay, Florida. *Estuaries* **3**:177-183
- Rutkowski, C. M., W. C. Burnett, R. L. Iverson, and J. P. Chanton. 1999. The effect of groundwater seepage on nutrient delivery and seagrass distribution in the northeastern Gulf of Mexico. *Estuaries* **22**:1033-1040
- Ryan, J. D. 1981. Diel predator-prey relationships in a sub-tropical seagrass meadow: Apalachee Bay, Florida M.Sc. Florida State University, Tallahassee, FL 101 pp.
- Rycyk, A. M. 2007. Acoustic ecology of the bottlenose dolphin (*Tursiops truncatus*) in the Big Bend region of Florida Florida State University, Tallahassee, FL pp.
- Santiago, C., and W. F. Marzluff. 1989. Expression of the U1-Rna Gene Repeat During Early Sea-Urchin Development - Evidence for a Switch in U1-Rna Genes During Development. *Proceedings of the National Academy of Sciences* **86**:2572-2576
- Santos, I., W. Burnett, J. Chanton, B. Mwashote, I. G. N. A. Suryaputra, and T. Dittmar. In review. Nutrient biogeochemistry in a Gulf of Mexico subterranean estuary and groundwater-derived fluxes to the coastal ocean. *Limnology and Oceanography*
- Santos, I. R., A. C. Friedrich, and J. A. Ivar do Sul. 2008 (Online First). Marine debris contamination along undeveloped tropical beaches from northeast Brazil. *Environmental Monitoring and Assessment*. DOI 10.1007/s10661-008-0175-z
- Sastry, A. N. 1961. Studies on the bay scallop, *Aequipecten irradians concentricus* Say, in Alligator Harbor, Florida. Ph. D. Florida State University, Tallahassee, FL pp.
- Schornick, J. C. 1971. Uranium and thorium isotope geochemistry in ferromanganese concretions from the southern ocean. PhD. Florida State University, Tallahassee, FL 144 pp.
- Sears, W. H. 1963. The Tucker site on Alligator Harbor, Franklin County, Florida. University of Florida, Gainesville, FL 51

- Sedlacek, C., and N. H. Marcus. 2005. Egg production of the copepod *Acartia tonsa*: the influence of hypoxia and food concentration. *Journal of Experimental Marine Biology and Ecology* **318**:183-190
- Sedlacek, L. 2002. Microhabitat-scale spatial variation in harpacticoid-copepod emergence on the continental shelf. M. Sc. . Florida State University, Tallahassee, FL pp.
- Sedlacek, L., and D. Thistle. 2006. Emergence on the continental shelf: differences among species and between microhabitats. *Marine Ecology Progress Series* **311**:29-36
- Severance, R. W. 1972. Response of a small spar buoy to ocean waves. PhD. Florida State University, Tallahassee, FL 90 pp.
- Sheridan, P. F. 1978. Trophic relationships of dominant fishes in the Apalachicola Bay system (Florida). PhD. Florida State University, Tallahassee, FL 216 pp.
- Sherman, K. M. 1985. Ecological investigations of the epifauna and flora of Bay Scallops, with special reference to free-living nematodes. Ph. D. Florida State University, Tallahassee, FL pp.
- Sherman, K. M., J. A. Reidenauer, D. Thistle, and D. Meeter. 1983. The response of nematodes to a small scale natural disturbance. *Marine Ecology Progress Series* **11**:23-30
- Smith, G. N., Jr. 1969. Regeneration in the Apodous holothurian, *Leptosynapta crassipatina*. Ph. D. Florida State University, Tallahassee, FL 90 pp.
- Smith, G. N., Jr. 1971. Regeneration in the sea cucumber *Leptosynapta*. I. the process of regeneration. *Journal of Experimental Zoology* **177**:319-329
- Smith, G. N., Jr. 1971. Regeneration in the sea cucumber *Leptosynapta*. II. the regenerative capacity. *Journal of Experimental Zoology* **177**:331-342
- Smith, M. C. 2007. Long-term Change in Hydrology, Tree Growth, and Forest Composition along the Apalachicola River. M. Sc. Florida State University, Tallahassee, FL 86 pp.
- Srivastava, D. S., J. Kolasa, J. Bengtsson, A. Gonzalez, S. P. Lawler, T. E. Miller, P. Munguia, T. Romanuk, D. C. Schneider, and M. K. Trzcinski. 2004. Are natural microcosms useful model systems for ecology? *Trends in Ecology and Evolution* **19**:379-384
- Stahl, L. E. 1970. The marine geology of Tampa Bay. MS. Florida State University, Tallahassee, FL 69 pp.
- Stakhiv, E. Z. 1968. The dependence of the circulation in the surface waters of the Gulf of Mexico upon the horizontal distribution of the surface temperature. MS. Florida State University, Tallahassee, FL 55 pp.
- Stalder, L. C., and N. H. Marcus. 1997. Zooplankton responses to hypoxia: behavioral patterns and survival of three species of calanoid copepods. *Marine Biology* **127**:599-607
- Stauble, D. K. 1971. The bathymetry and sedimentation of Cape San Blas shoal and shelf off St. Joseph Spit, Florida. MS. Florida State University, Tallahassee, FL 87 pp.
- Stefanovic, B., and W. F. Marzluff. 1992. Characterization of 2 Developmentally Regulated Sea-Urchin U2 Small Nuclear-Rna Promoters - a Common Required

- Tata Sequence and Independent Proximal and Distal Elements. *Molecular and Cellular Biology* **12**:650-660
- Stevenson, K. A., J. C. Yu, and W. F. Marzluff. 1992. A Conserved Region in the Sea-Urchin U1 Snrna Promoter Interacts with a Developmentally Regulated Factor. *Nucleic Acids Research* **20**:351-357
- Stoner, A. W.
- Stoner, A. W. 1976. Growth and food conversion efficiency of pinfish (*Lagodon rhomboides*) exposed to sublethal concentrations of bleached kraft mill effluent. MS. Florida State University, Tallahassee, FL 135 pp.
- Stoner, A. W. 1979. The macrobenthos of seagrass meadows in Apalachee Bay, Florida, and the feeding ecology of *Lagodon rhomboides* Florida State University 175 pp.
- Stoner, A. W. 1979. Species-specific predation on amphipod Crustacea by pinfish (*Lagodon rhomboides*): mediation by macrophyte standing crop. *Marine Biology* **55**:201-207
- Stoner, A. W. 1980. Abundance, reproductive seasonality and habitat preferences of amphipod crustaceans in seagrass meadows of Apalachee Bay, Florida. *Contributions in Marine Science* **23**:63-77
- Stoner, A. W. 1980. Feeding ecology of *Lagodon rhomboides* (Pisces; Sparidae): variation and functional responses. *Fishery Bulletin U. S.* **78**:337-352
- Stoner, A. W. 1980. The role of seagrass biomass in the organization of benthic macrofaunal assemblages. *Bulletin of Marine Science* **30**:537-551
- Stoner, A. W., and R. J. Livingston. 1978. Respiration, growth, and food conversion efficiency of pinfish (*Lagodon rhomboides*) exposed to sublethal concentrations of bleached kraft mill effluent. *Environmental Pollution* **17**:207-217
- Stoner, A. W., and R. J. Livingston. 1980. Distributional ecology and food habits of the banded blenny, *Paraclinus fasciatus* (Clinidae): a resident in a mobile habitat. *Marine Biology* **56**:239-246
- Stringer, C., and W. C. Burnett. 2004. Sample bottle design improvements for radon emanation analysis of natural waters. *Health Physics* **87**:642-646
- Suderman, B., and N. H. Marcus. 2002. The effects of orimulsion and fuel oil #6 on the hatching success of copepod resting eggs in the seabed of Tampa Bay, Florida. *Environmental Pollution* **120**:787-795
- Suderman, K. 1997. Do female harpacticoid copepods utilize their lipids when suspended by storms? M. Sc. Florida State University, Tallahassee, FL pp.
- Suderman, K. 2001. A comparison of simulated spills of fuel oil #6 and Orimulsion: a microcosm test of their effects on benthic microalgae, nematodes, and copepods. Ph. D. Florida State University, Tallahassee, FL pp.
- Suderman, K., and D. Thistle. 1998. Adult female harpacticoid copepods maintain their energy reserves by feeding while suspended during storms. *Marine Ecology Progress Series* **164**:245-252
- Suderman, K., and D. Thistle. 2003. A microcosm system for the study of pollution effects in shallow, sandy, subtidal communities. *Environmental Toxicology and Chemistry* **22**:1093-1099

- Suderman, K., and D. Thistle. 2003. Spills of fuel oil #6 and Orimulsion can have indistinguishable effects on the benthic meiofauna. *Marine Pollution Bulletin* **46**:49-55
- Suderman, K., and D. Thistle. 2004. The relative impacts of spills of two alternative fuels on the microalgae of a sandy site: a microcosm study. *Marine Pollution Bulletin* **49**:473-478
- Sutton, C. 1974. The solubility of aromatic hydrocarbons and the geochemistry of hydrocarbons in the eastern Gulf of Mexico. PhD. Florida State University, Tallahassee, FL 197 pp.
- Swadling, K., and N. H. Marcus. 1994. Selectivity in the natural diets of *Acartia tonsa* Dana (Copepoda: Calanoida): Comparison of juveniles and adults. *Journal of Experimental Biology and Ecology* **181**:91-103
- Swanson, C. A. 2004. Effect of substrate availability and conspecific cues on communal oviposition in the apple murex snail, *Phyllonotus pomum*. *Marine Ecology Progress Series* **275**:185-197
- Taniguchi, M., W. C. Burnett, C. F. Smith, R. J. Paulsen, D. O'Rourke, S. Krupa, and J. Christoff. 2003. Spatial and temporal distributions of submarine groundwater discharge rates obtained from various types of seepage meters at a site in the northeastern Gulf of Mexico. *Biogeochemistry* **66**:35-53
- Tankersley, R. A. 1988. The influence of visual orientational cues on the trail-following behavior of the marsh periwinkle *Littorina irrorata*. *American Zoologist* **28**:A124-A124
- Tankersley, R. A. 1989. The effect of trail-following on the locomotion of the marsh periwinkle *Littorina irrorata* (Mesogastropoda, Littorinidae). *Marine Behaviour and Physiology* **15**:89-100
- Tankersley, R. A. 1990. Trail following in *Littorina irrorata* - the influence of visual-stimuli and the possible role of tracking in orientation. *Veliger* **33**:116-123
- Taylor, D. H. 1975. Geochemistry of mercury in Mobile Bay, Alabama, following abatement of mercury pollution and effects of salinity on molecular weight distributions of dissolved humic and fulvic acids. MS. Florida State University, Tallahassee, FL 62 pp.
- Taylor, R. 1980. Trace element changes during decomposition of *Thalassia testudinum*. MS. Florida State University, Tallahassee, FL 43 pp.
- Teaf, C. M. 1980. A study of the tidally-oriented movements of the Atlantic stingray, *Dasyatis sabina* (LeSueur) in Apalachee Bay, Florida M. Sc. Florida State University, Tallahassee 48 pp.
- Teasdale, M. 2003. The timing of harpacticoid emergence: a flume study. M. Sc. Florida State University pp.
- Teasdale, M., K. Vopel, and D. Thistle. 2004. The timing of benthic copepod emergence. *Limnology and Oceanography* **49**:884-889
- Terry, W. E. 1974. An investigation of a source flow in a rotating cylinder using a laser doppler velocimeter. MS. Florida State University, Tallahassee, FL 55 pp.
- Thiemens, M. H. 1977. The atmospheric oxidation of H₂S and the oxygen isotopic ratios of tropospheric sulfates. PhD. Florida State University, Tallahassee, FL 203 pp.
- Thistle, D. 1980. Enhydrosoma (Copepoda, Harpacticoida): an update and two new species. *Transactions of the American Microscopical Society* **99**:384-397

- Thistle, D. 1980. The response of a harpacticoid copepod community to a small scale natural disturbance. *Journal of Marine Research* **38**:381-395
- Thistle, D. 2003. Harpacticoid copepod emergence at a shelf site in summer and winter: implications for hydrodynamic and mating hypotheses. *Marine Ecology Progress Series* **248**:177-185
- Thistle, D., J. A. Reidenauer, R. H. Findlay, and R. Waldo. 1984. An Experimental Investigation of Enhanced Harpacticoid (Copepoda) Abundances around Isolated Seagrass Shoots. *Oecologia* **63**:295-299
- Thistle, D., and C. Sedlacek. 2004. Emergent and nonemergent species of harpacticoid copepods can be recognized morphologically. *Marine Ecology Progress Series* **266**:195-200
- Thistle, D., G. L. Weatherly, and S. C. Ertman. 1995. Shelf Harpacticoid Copepods Do Not Escape into the Seabed During Winter Storms. *Journal of Marine Research* **53**:847-863
- Thistle, D., G. L. Weatherly, A. Wonnacott, and S. C. Ertman. 1995. Suspension by Winter Storms Has an Energetic Cost for Adult Male Benthic Harpacticoid Copepods at a Shelf Site. *Marine Ecology Progress Series* **125**:77-86
- Thomas, P. J. 1975. The fouling on selected oil platforms off Louisiana, with special emphasis on the cirripedia fauna. MS. Florida State University, Tallahassee, FL 129 pp.
- Tiffany, W. J. 1971. The tidal migration of *Donax variabilis* Say (Mollusca: Bivalvia). *Veliger* **14**:82-85
- Tiffany, W. J. 1972. Aspects of excretory ultrafiltration in bivalved molluscs. *Comparative Biochemistry and Physiology* **43**:527-536
- Tiffany, W. J. 1974. Ultrastructural evidence for reabsorption in nephridium of bivalved mollusk *Mercenaria campechiensis*. *Transactions of the American Microscopical Society* **93**:23-28
- Tiffany, W. J. I. 1968. The life cycle and ecology of the beach clam *Donax variabilis* Say (Mollusca: Pelecypoda: Donacidae) M. Sc. Florida State University, Tallahassee, FL 794 pp.
- Tolman, A. J. 1974. Effect of chronic exposure to mirex on locomotor activity pattern in the diamond killifish. MS. Florida State University, Tallahassee, FL 90 pp.
- Tomaiuolo, M., T. F. Hansen, and D. R. Levitan. 2007. A theoretical investigation of sympatric evolution of temporal reproductive isolation as illustrated by marine broadcast spawners. *Evolution* **61**:2584-2595
- Townsend, B. C. 1956. A study of the spot, *Leiostomus xanthurus* Lacepede, in Alligator Harbor, Florida. M. Sc. Florida State University 43 pp.
- Trott, L. B. 1960. A quantitative study of certain benthic communities in Alligator Harbor. M. Sc. Florida State University, Tallahassee, FL 145 pp.
- Turner, R. R. 1970. The significance of color banding in the upper layers of Kara Sea sediments. MS. Florida State University, Tallahassee, FL 94 pp.
- Turner, R. R. 1976. A mass balance approach to understanding the effect of an impoundment on the export of selected solutes and particulate matter from a watershed. PhD. Florida State University, Tallahassee, FL 273 pp.

- Tymiak, A. A. 1978. Light regime and comparative microalgal physiology: sublethal effects of 1-methylnaphthalene. MS. Florida State University, Tallahassee, FL 63 pp.
- Uhlinger, D. 1982. Correlation between extracellular polymer production and energy charge physiologic status in a marine pseudomonad. MS. Florida State University, Tallahassee, FL 34 pp.
- Ulanski, S. L. 1971. A kinematic and thermodynamic description of the Prandtl layer circulation over Barbados. MS. Florida State University, Tallahassee, FL 218 pp.
- USGS, and NASA. 1977. Apalachee Bay, Florida-Georgia, satellite image map : NASA LANDSAT-1, 1:500,000, N3015W08346 / Reston, VA.
- Van Waveren, I., and N. H. Marcus. 1993. Morphology of recent copepod egg envelopes from Turkey Point, Gulf of Mexico, and their implications for acritarch affinity. *Special Papers in Paleontology* **48**:111-124
- VanderWood, T. B. 1977. Strontium isotope systematics in the Hamersley Range: theories of origin of banded iron formations and their significance to atmospheric history. MS. Florida State University, Tallahassee, FL 105 pp.
- Varon, R. 1987. Harpacticoid response to a natural disturbance. M. Sc. Florida State University, Tallahassee, FL pp.
- Varon, R., and D. Thistle. 1988. Response of a Harpacticoid Copepod to a Small-Scale Natural Disturbance. *Journal of Experimental Marine Biology and Ecology* **118**:245-256
- Wallace, J. T. 2006. Indigenous ceramics from feature 118 at the O'Connell site (8LE157): a late spanish mission in Apalachee Province, Leon County, Florida. M. Sc. Florida State University, Tallahassee, FL 227 pp.
- Ward, C. A. 2005. Rough Cilicia Maritime Archaeological Project 2004: Preliminary Report. *Anadolu Akdenizi Arkeoloji Haberleri* **2005-3**:126-130
- Ward, C. A. 2005. Unterwasserarchäologie an der Florida State University – mit einem Vorbericht über einen Hafen-Survey an der türkischen Süfküste. *Skyllis* **6.1-2**:22-30
- Wass, M. L. 1953. A study of the decapoda of Alligator Harbor and adjacent littoral areas. M. Sc. Florida State University, Tallahassee, FL 111 pp.
- Watts, J. A., R. A. Koch, M. J. Greenberg, and S. K. Pierce. 1981. Ultrastructure of the heart of the marine mussel, *Geukensia demissa*. *Journal of Morphology* **170**:301-319
- Weatherly, G. L., and D. Thistle. 1997. On the wintertime currents in the Florida Big Bend region. *Continental Shelf Research* **17**:1297-1319
- Weinstein, R. P. 1972. The sedimentology of a portion of the continental shelf off Georgia. MS. Florida State University, Tallahassee, FL 108 pp.
- Wells, F. E. 1969. An ecological study of two sympatric species of *Fasciolaria* (Mollusca: Gastropoda) in Alligator Harbor, Florida. M.Sc. Florida State University, Tallahassee, FL 47 pp.
- Wendelburg, B. J., and W. F. Marzluff. 1992. 2 Promoter Elements Are Necessary and Sufficient for Expression of the Sea-Urchin U1 Snrna Gene. *Nucleic Acids Research* **20**:3743-3751
- Wendelburg, B. J., and W. F. Marzluff. 1992. Formation of the 3' End of Sea-Urchin U1 Small Nuclear-Rna Occurs Independently of the Conserved 3' Box and on

- Transcripts Initiated from a Histone Promoter. *Molecular and Cellular Biology* **12**:4132-4141
- White, D. B. 1970. The effects of some mercurials on photosynthesis of naturally occurring phytoplankton populations and on the marine diatom, *Nitzschia delicatissima* Cleve. MS. Florida State University, Tallahassee, FL 53 pp.
- White, J., and M. Meredith. 1987. The Nervus Terminalis of the Shark - Influences on Ganglion-Cell Activity. *Annals of the New York Academy of Sciences* **510**:703-706
- White, J., and M. Meredith. 1987. Synaptic-Interactions in the Nervus Terminalis Ganglion of Elasmobranchs. *Annals of the New York Academy of Sciences* **519**:33-49
- White, J., and M. Meredith. 1993. Spectral-Analysis and Modeling of Ach and Ne Effects on Shark Nervus Terminalis Activity. *Brain Research Bulletin* **31**:369-374
- White, J., and M. Meredith. 1995. Nervus-terminalis ganglion of the bonnethead shark (*Sphyma tiburo*) - evidence for cholinergic and catecholaminergic influence on 2 cell-types distinguished by peptide immunocytochemistry. *Journal of Comparative Neurology* **351**:385-403
- White, K. H. 1971. The relationship between the sedimentary materials used by polychaetes in tube building and the microdistribution of sediments in Apalachee Bay and St. George Sound, Florida. MS. Florida State University, Tallahassee, FL 130 pp.
- White, K. H. 1971. The relationship between the sedimentary materials used by polychaetes in tube building and the microdistribution of sediments in Apalachee Bay and St. George Sound, Florida. Florida State University, Tallahassee 130 pp.
- Wiktorowicz, A. M., D. V. Lauritzen, and M. S. Gordon. 2007. Powered control mechanisms contributin to dynamically stable swimming in porcupine puffers (Teleostei: *Diodon holocanthus*). Pages 725-735 *Experiments in Fluids*.
- Wilber, D. H. 1984. The fall offshore migration of stone crabs and its temperature correlate. *American Zoologist* **24**:A40-A40
- Wilber, D. H. 1985. Growth and Reproduction in Adult Male Stone Crabs in Onshore and Offshore Habitats. *American Zoologist* **25**:A60-A60
- Wilber, D. H. 1986. The distribution and daily movement of stone crabs (*Menippe mercenaria*) in an intertidal oyster Habitat on the northwest coast of Florida. *Marine Behaviour and Physiology* **12**:279-291
- Wilber, D. H. 1986. The Effects of Sexual Selection and Predation on Postcopulatory Mate Guarding Durations in Stone Crabs. *American Zoologist* **26**:A105-A105
- Wilber, D. H. 1989. The influence of sexual selection and predation on the mating and postcopulatory guarding beahavior os stone crabs (Xanthidae, *Menippe*). *Behavioral Ecology and Sociobiology* **24**:445-451
- Wilber, D. H. 1989. Reproductive biology and distribution of stone crabs (Xanthidae, *Menippe*) in the hybrid zone on the northeastern Gulf of Mexico. *Marine Ecology Progress Series* **52**:235-244
- Wilber, D. H., and W. F. Herrnkind. 1986. The fall emigration of stone crabs *Menippe mercenaria* (Say) from an intertidal oyster habitat and temperatures effect on

- locomotory activity. *Journal of Experimental Marine Biology and Ecology* **102**:209-221
- Wilber, T. P. 1982. Hermit crab shell acquisition and its relationship to predatory gastropods. MS. Florida State University, Tallahassee, FL 52 pp.
- Wilber, T. P., and W. F. Herrnkind. 1984. Predaceous gastropods regulate new-shell supply to salt-marsh hermit crabs. *Marine Biology* **79**:145-150
- Wilcox, J. A., P. L. Tracy, and N. H. Marcus. 2006. Improving live feeds: effect of a mixed diet of copepod nauplii (*Acartia tonsa*) and rotifers on the survival and growth of first-feeding larvae of the southern flounder, *Paralichthys lethostigma*. *Journal of the World Aquaculture Society* **37**:113-120
- Wilkins, L. A. 1970. Electrophysiological studies on the heart of the bivalve mollusc *Modiolus demissus*. Ph. D. Florida State University, Tallahassee, FL 120 pp.
- Wilkins, L. A. 1972. Electrophysiological studies on the heart of bivalve mollusc, *Modiolus demissus*. I. Ionic basis of membrane potential. *Journal of Experimental Biology* **56**:273-292
- Wilkins, L. A. 1972. Electrophysiological studies on the heart of bivalve mollusc, *Modiolus demissus*. II. Ionic basis of action potential. *Journal of Experimental Biology* **56**:293-314
- Wilkins, L. A., and M. J. Greenberg. 1973. Effects of acetylcholine and 5-hydroxytryptamine and their ionic mechanisms of action on electrical and mechanical-activity of molluscan heart smooth-muscle. *Comparative Biochemistry and Physiology* **45**:637-651
- Williams, L. 1971. Selected planktonic foraminifera as biological indicators of hydrological conditions in the eastern Gulf of Mexico. MS. Florida State University, Tallahassee, FL 154 pp.
- Williams, S. E. 1972. The temporal and spatial variation of selected thecosomatous pteropods from the Florida Middle Grounds. MS. Florida State University, Tallahassee, FL 204 pp.
- Wonnacott, A. 1993. The effects of suspension on the neutral lipid energy reserves of a harpacticoid copepod. M. Sc. Florida State University, Tallahassee, FL pp.
- Yamahira, K., and D. O. Conover. 2003. Interpopulation variability in temperature-dependent sex determination of the tidewater silverside *Menidia peninsulae* (Pisces: Atherinidae). *Copeia*:155-159
- Yentsch, C. S. 1953. Some of the factors influencing distribution of sessile invertebrates in Alligator Harbor, a neutral estuary. M. Sc. Florida State University, Tallahassee, FL 64 pp.
- Young, C. M. 1986. Direct observations of field swimming behavior in larvae of the colonial Ascidian *Ecteinascidia turbinata*. *Bulletin of Marine Science* **39**:279-289
- Young, C. M. 1989. Distribution and dynamics of an intertidal Ascidian pseudopopulation. *Bulletin of Marine Science* **45**:288-303
- Young, C. M., and B. L. Bingham. 1987. Chemical defense and aposematic coloration in larvae of the Ascidian *Ecteinascidia turbinata*. *Marine Biology* **96**:539-544
- Young, C. M., and N. J. Gotelli. 1988. Larval predation by barnacles - effects on patch colonization in a shallow subtidal community. *Ecology* **69**:624-634

- Young, C. M., P. G. Greenwood, and C. J. Powell. 1986. The ecological role of defensive secretions in the intertidal pulmonate *Onchidella borealis*. *Biological Bulletin* **171**:391-404
- Yu, J. C., M. A. Nash, C. Santiago, and W. F. Marzluff. 1986. Structure and Expression of a 2nd Sea-Urchin U1 Rna Gene Repeat. *Nucleic Acids Research* **14**:9977-9988
- Yu, J. C., B. Wendelburg, S. Sakallah, and W. F. Marzluff. 1991. The U1 Snrna gene repeat from the sea-urchin (*Strongylocentrotus purpuratus*) - the 70 kilobase tandem repeat ends directly 3' to a U1 gene. *Nucleic Acids Research* **19**:1093-1098
- Zigler, K. S., M. A. McCartney, D. R. Levitan, and H. A. Lessios. 2005. Sea urchin bindin divergence predicts gamete compatibility. *Evolution* **59**:2399-2404
- Zimmerman, M. S., and R. J. Livingston. 1976. Effects of kraft-mill effluents on benthic macrophyte assemblages in a shallow-bay system (Apalachee Bay, North Florida, USA). *Marine Biology* **34**:297-312
- Zimmerman, M. S., and R. J. Livingston. 1976. Seasonality and physicochemical ranges of benthic macrophytes from a North Florida estuary (Apalachee Bay). *Contributions in Marine Science* **20**:33-45
- Zimmerman, M. S., and R. J. Livingston. 1979. Dominance and distribution of benthic macrophyte assemblages in a North Florida estuary (Apalachee Bay, Florida). *Bulletin of Marine Science* **29**:27-40