

Curriculum Vitae

Donald Charles Behringer Jr.

**Program in Fisheries and Aquatic Sciences
University of Florida
7922 NW 71st Street
Gainesville, Florida 32653**

Email: behringer@ufl.edu

Telephone: (352) 273-3634

February 2009

EDUCATION

- 2003 PhD Old Dominion University: Ecological Sciences
- 1991 BS University of Florida: Zoology (Chemistry minor)

PROFESSIONAL EXPERIENCE

- 2006 – Present **Research Assistant Professor**, Program in Fisheries and Aquatic Sciences, University of Florida, Gainesville, FL
- 2006 **Natural Resource Specialist**, Biological Resources Division, Broward County Environmental Protection Department, Plantation, FL
- 2005 – Present **Research Associate**, Department of Biological Sciences, Old Dominion University, Norfolk, VA
- 2004 – 2006 **Instructor**, Science Department, American Heritage School, Plantation, FL
- 2004 **Adjunct Assistant Professor**, Department of Biological Sciences, Old Dominion University, Norfolk, VA
- 2002 – 2004 **Postdoctoral Associate**, Department of Biological Sciences, Old Dominion University, Norfolk, VA
- 2001 **Research Assistant**, Department of Biological Sciences, Florida State University, Tallahassee, FL
- 1996 – 2002 **Research Assistant**, Department of Biological Sciences, Old Dominion University, Norfolk, VA
- 1996 – 1999 **Teaching Assistant**, Department of Biological Sciences, Old Dominion University, Norfolk, VA
- 1995 **Maritime History Educator and Ship Crewman**, Tortola, BVI
- 1993 – 1994 **Research Microbiologist**, BioEnergy International, Gainesville, FL
- 1992 – 1993 **Microbiologist**, American Bacteriological and Chemical Research Corporation, Gainesville, FL

PUBLICATIONS

Peer-reviewed Articles:

Kiryu, Y., **Behringer, D.C.**, Landsberg, J.H., and D.B. Petty. *In press*. Microsporidiosis in the Caribbean spiny lobster *Panulirus argus* from southeast Florida, USA. *Diseases of Aquatic Organisms*

Behringer, D.C., Butler IV, M.J., Herrnkind, W.F., Hunt, J.H., Acosta, C.A., and W.C. Sharp. *In press*. Is seagrass an important nursery habitat for the Caribbean spiny lobster, *Panulirus argus*, in Florida? Proceedings of the 8th International Conference and Workshop on Lobster Biology and Management. *New Zealand Journal of Marine and Freshwater Research*.

Behringer, D.C., Butler IV, M.J., and J.D. Shields. 2008. Ecological and physiological effects of PaV1 Infection on the Caribbean Spiny Lobster (*Panulirus argus* Latreille). *Journal of Experimental Marine Biology and Ecology* 359: 26-33.

Butler, M.J., **Behringer, D.C.**, and J.D. Shields. 2008. Transmission of *Panulirus argus* virus1 (PaV1) and its effect on the survival of juvenile Caribbean spiny lobster. *Disease of Aquatic Organisms* 79: 173-182.

Behringer, D.C., Butler IV, M.J., and J.D. Shields. 2006. Ecology: Avoidance of disease in social lobsters. *Nature* 441: 421.

Behringer, D.C. and M.J. Butler IV. 2006. Stable isotope analysis of production and trophic relationships in a tropical marine hard-bottom community. *Oecologia* 148: 334-341.

Behringer, D.C. and M.J. Butler IV. 2006. Density-dependent population dynamics in juvenile *Panulirus argus* (Latrielle): the impact of artificial enhancement. *Journal of Experimental Marine Biology and Ecology* 334: 84-95.

Shields, J.D. and **D.C. Behringer**. 2004. A new pathogenic virus in the Caribbean spiny lobster *Panulirus argus* from the Florida Keys. *Diseases of Aquatic Organisms* 59: 109-118.

Book Chapters (Invited):

Behringer, D.C., Butler IV, M.J., and J.D. Shields. *Accepted*. Juvenile Caribbean spiny lobsters are plagued by the lethal viral pathogen PaV1. *In: A summary of our knowledge of the south Florida ecosystem*. W.L. Kruczynski, editor.

Other Articles, Reports, and Abstracts:

Behringer, D.C. 2008. The COSEE:CGOM experience - a matter of perspective. Center for Ocean Science Education Excellence e-newsletter. October (<http://cosee-central-gom.org/documents/newsletter.pdf>).

Jacoby, C.A., Frazer, T.K., Saindon, D.D., Keller, S.R., and **D.C. Behringer**. 2008. Water Quality Characteristics of the Nearshore Gulf Coast Waters Adjacent to Pasco County: Project

COAST 2000 - 2007. Annual Report. Southwest Florida Water Management District, Brooksville, Florida. 51 pp.

Jacoby, C.A., Frazer, T.K., Saindon, D.D., Keller, S.R., and **D.C. Behringer**. 2008. Water Quality Characteristics of the Nearshore Gulf Coast Waters Adjacent to Citrus, Hernando and Levy Counties: Project COAST 1997 - 2007. Annual Report. Southwest Florida Water Management District, Brooksville, Florida. 62 pp.

Butler IV, M.J., **Behringer, D.C.** and J.D. Shields. 2007. Resource conditions: lobster disease and sponge fishery impacts. Pp. 139-142 *in*: Keller, B.D., and F.C. Wilmot, eds. Connectivity: science, people and policy in the Florida Keys National Marine Sanctuary. Colloquium proceedings, 19-21 August 2004, Key West, FL. Marine Sanctuaries Conservation Series NMSP-07. U.S. Department of Commerce, NOAA, National Marine Sanctuary Program, Silver Spring, MD. 272 pp.

Frazer, T.K., Jacoby, C.A., Saindon, D.D., Keller, S.R., and **D.C. Behringer**. 2007. Water Quality Characteristics of the Nearshore Gulf Coast Waters Adjacent to Pasco County: Project COAST 2000 - 2006. Annual Report. Southwest Florida Water Management District, Brooksville, Florida. 47 pp.

Frazer, T.K., Jacoby, C.A., Saindon, D.D., Keller, S.R., and **D.C. Behringer**. 2007. Water Quality Characteristics of the Nearshore Gulf Coast Waters Adjacent to Citrus, Hernando and Levy Counties: Project COAST 1997 - 2006. Annual Report. Southwest Florida Water Management District, Brooksville, Florida. 58 pp.

Shields, J.D., **Behringer, D.C.**, and M.J. Butler IV. 2005. Pathology of a pathogenic virus in the Caribbean spiny lobster *Panulirus argus*. *Journal of Shellfish Research* 24: 675.

Butler IV, M.J., **Behringer, D.C.**, and J.D. Shields. 2005. A Pathogenic Viral Disease Infecting Juvenile Spiny Lobster in the Florida Keys. P.171 *in* 2005 Florida Bay and Adjacent Marine Systems Science Conference. Abstract.

Butler, M.J., **Behringer, D.C.**, and A.K. Kauffman. 2005. Hard-bottom community ecology in the Florida Keys with an emphasis on sponges. P.162 *in* 2005 Florida Bay and Adjacent Marine Systems Science Conference. Abstract.

Behringer, D.C., Butler IV, M.J. and J.D. Shields. 2003. The Pathological and ecological effects of a herpes-like virus in the Caribbean spiny lobster, *Panulirus argus*, from Florida. P. 215 *in* Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem. Abstract.

Behringer, D.C., Butler IV, M.J., and J.D. Shields. 2001. The first viral disease reported in lobster. *The Lobster Newsletter* 14: 1-3.

Behringer, D.C., and M.J. Butler IV. 1999. Trophic structure in a tropical hard-bottom community: a stable isotope analysis. P.62 in 1999 Florida Bay and Adjacent Marine Ecosystems Science Conference. Abstract.

SCIENTIFIC PRESENTATIONS

Invited Presentations at Scientific Meetings:

- Butler IV, M.J., **D.C. Behringer**, J.H. Hunt, and T. Matthews. 2008. Algae bloom workshop: re-evaluation of management needs in Florida Bay. Homestead, FL, March.
- Behringer Jr., D.C.**, M.J. Butler IV, J.D. Shields and R. Ratzlaff. 2003. A lethal viral disease infecting juvenile Caribbean Spiny Lobster in the Florida Keys. Florida Keys National Marine Sanctuary Advisory Council. Marathon, FL, August.
- Behringer Jr., D.C.**, M.J. Butler IV, J.D. Shields and R. Ratzlaff. 2003. A lethal viral disease infecting juvenile Caribbean spiny lobster in the Florida Keys. Florida Keys Lobster Workshop, Key West, FL, June.
- Behringer Jr., D.C.**, M.J. Butler IV, and J.D. Shields. 2002. Ecological ramifications of disease in the Caribbean spiny lobster, *Panulirus argus*. National Shellfisheries Association 94th Annual Meeting, Mystic, CT, May.

Contributed Presentations:

- Behringer, D.C.** and M.J. Butler IV. 2008. The Effects of Fishing and Harmful Algal Blooms on Sponge Ecology in the Florida Keys USA. 11th International Coral Reef Symposium, Fort Lauderdale, FL, July.
- Behringer, D.C.** and M.J. Butler IV. 2008. Chemical detection of disease in Caribbean spiny lobsters and the effect of disease avoidance behavior in a shelter limited system. 37th Annual Marine Benthic Ecology Meeting, Providence, RI, April.
- Behringer, D.C.**, M.J. Butler IV, and J.D. Shields. 2007. Dynamics and impact of a viral pathogen infecting Caribbean spiny lobsters in the Florida Keys. Emerging Pathogens Institute Fall Research Retreat, Gainesville, FL, December.
- Behringer, D.C.**, M.J. Butler IV, and J.D. Shields. 2007. The function of behavior in reducing PaV1 infection risk among Caribbean spiny lobsters, potential modes of transmission, and geographic "hot spots". 8th International Conference and Workshop on Lobster Biology and Management, Prince Edward Island, Canada, September.
- Behringer, D.C.**, Butler IV, M.J., and W.F. Herrnkind. 2007. Is seagrass an important nursery habitat for Caribbean spiny lobsters, *Panulirus argus*? 8th International Conference on Lobster Biology and Management, Prince Edward Island, Canada, September.
- Behringer, D.C.**, M.J. Butler IV, and J.D. Shields. 2007. Sex, hot spots, and exposure: advances in understanding the ecology and epidemiology of the lethal Caribbean spiny lobster virus PaV1. 36th Annual Benthic Ecology Meeting, Atlanta, GA, April.
- Behringer, D.C.**, M.J. Butler IV, and J.D. Shields. 2006. The pathogenic virus PaV1 in Caribbean spiny lobsters: transmission, alternate hosts, and ecological impacts. 35th Annual Benthic Ecology Meeting, Quebec City, Canada, March.
- Behringer, D.C.**, M.J. Butler IV, and J.D. Shields. 2005. A pathogenic viral disease infecting juvenile spiny lobsters in the Florida Keys. Florida Bay Conference, Duck Key, FL, December.

- Behringer, D.C.**, M.J. Butler IV, J.D. Shields and R. Ratzlaff. 2005. Anti-social behavior in the Caribbean spiny lobster coincides with the onset of infectivity in conspecifics. 34rd Annual Benthic Ecology Meeting, Williamsburg, VA, March.
- Behringer, D.C.** and M.J. Butler IV. 2004. The impact of artificially enhanced density on juvenile *Panulirus argus* in Florida (USA). 33rd Annual Benthic Ecology Meeting, Mobile, AL, March.
- Behringer, D.C.**, M.J. Butler IV, J.D. Shields and R. Ratzlaff. 2004. Behavioral alterations in response to a viral pathogen in the Caribbean spiny lobster. 7th International Conference and Workshop on Lobster Biology and Management, Hobart, Australia, February.
- Behringer, D.C.** and M.J. Butler IV. 2004. The impact of artificially enhanced density on juvenile *Panulirus argus* in Florida (USA). 7th International Conference and Workshop on Lobster Biology and Management, Hobart, Australia, February.
- Behringer Jr., D.C.**, M.J. Butler IV, and J.D. Shields. 2003. The Pathological and Ecological Effects of a Herpes-like virus in the Caribbean Spiny Lobster, *Panulirus argus*, from Florida. Florida Bay Conference, Tarpon Springs, FL, December.
- Behringer Jr., D.C.**, M.J. Butler IV, J.D. Shields and R. Ratzlaff. 2003. A lethal viral disease infecting juvenile Caribbean spiny lobster in the Florida Keys. Florida Keys Lobster Workshop, Key West, FL.
- Behringer Jr., D.C.**, M.J. Butler IV, and J.D. Shields. 2002. Ecological ramifications of disease in the Caribbean spiny lobster, *Panulirus argus*. 31st Annual Marine Benthic Ecology Meeting, Orlando, FL, March.
- Behringer Jr., D.C.**, M.J. Butler IV and J.D. Shields. 2001. Ecological ramifications of disease in the Caribbean spiny lobster, *Panulirus argus*. European Decapod Fisheries Assessment and Management Meeting, La Coruña, Spain, October.
- Behringer Jr., D.C.**, M.J. Butler IV and J.D. Shields. 2001. Ecological ramifications of disease in the Caribbean spiny lobster, *Panulirus argus*. 30th Annual Marine Benthic Ecology Meeting, Durham, NH, April.
- Behringer Jr., D.C.** and M.J. Butler IV. 2000. The ecological impacts of density and disease on wild juvenile Caribbean spiny lobster populations: a work in progress. 6th International Conference and Workshop on Lobster Biology & Management, Key West, FL, September.
- Behringer Jr., D.C.**, M.J. Butler IV and S.C. Wainright. 1999. Trophic Structure in a tropical hard-bottom community: a stable isotope analysis. 28th Annual Marine Benthic Ecology Meeting, Baton Rouge, LA, March.
- Behringer Jr., D.C.**, M.J. Butler IV, and S.C. Wainright. 1999. Trophic structure in a tropical hard-bottom community: a stable isotope analysis. Florida Bay Conference, Key Largo, FL, April.

Presentations by Co-authors:

- Durako, M.J., Hall, M.O., Butler IV, M.J., and **D.C. Behringer**. 2008. Benthic Habitats in Florida Bay. Florida Bay and Adjacent Marine Systems Science Conference, Naples, December.
- Butler IV, M.J. and **D.C. Behringer**. 2008. Déjà vu all over again: the impact of recent cyanobacteria blooms on hard-bottom communities in Florida Bay and the Florida Keys. Florida Bay and Adjacent Marine Systems Science Conference, Naples, December.

- Butler IV, M.J., **Behringer D.C.**, Dolan, T.W., Shields J.D., and R.E. Ratzlaff. 2008. Dynamics and Ecological Relevancy of a Viral Disease in Caribbean Spiny Lobster from the Florida Keys? 11th International Coral Reef Symposium, Fort Lauderdale, FL, July
- Brabandere, L.D., **Behringer, D.C.**, Jacoby, C.A., Blitch, S.B., and T.K. Frazer. 2008. Spatial variation in ratios of stable carbon and nitrogen isotopes in primary producers and selected consumers from shallow coastal waters. ASLO Ocean Sciences meeting, Orlando, March.
- Butler IV, M.J. and **D.C. Behringer**. 2008. Déjà vu all over again: the impact of catastrophic algal blooms on hard-bottom communities in the Florida Keys. 37th Annual Marine Benthic Ecology Meeting, Providence, RI, April.
- Shields, J.D., **Behringer, D.C.**, and M.J. Butler IV. 2007. Epidemiological studies of *Panulirus argus* Virus 1 (PaV1) in the Caribbean spiny lobster. 8th International Conference on Lobster Biology and Management, Prince Edward Island, Canada, September.
- Butler, M.J. IV, **Behringer D.**, and A.K. Kauffman. The ecology of sponges subject to fishing and ecosystem change. 7th International Sponge Symposium. Buzios, Rio de Janeiro, Brazil. May 7-13, 2006.
- Butler IV, M.J., **D.C. Behringer**, and A.K. Kaufman. 2005. Hard-bottom community ecology in the Florida Keys with an emphasis on sponges. Florida Bay Conference. December.
- Butler IV, M.J., J.D. Shields, **D.C. Behringer**, and R.A. Ratzlaff. 2005. A pathogenic viral disease in spiny lobsters: disease dynamics, transmission, and ecological relevancy. 6th International Crustacean Congress. Glasgow, Scotland. July.
- Shields, J.D., R.E. Ratzlaff, **D.C. Behringer**, and M.J. Butler IV. 2005. Pathology of PaV1 virus in the Caribbean spiny lobster *Panulirus argus*. 6th International Crustacean Congress. Glasgow, Scotland. July.
- Butler IV, M.J. and **D.C. Behringer**. 2005. The Ecology of Sponges Subject to Fishing and Ecosystem Change. 34rd Annual Benthic Ecology Meeting, Williamsburg, VA, March.
- Butler IV, M.J., W.F. Herrnkind, **D.C. Behringer**, D.N. Robertson and J.H. Hunt. 2004. A region-scale test of recruitment limitation of spiny lobster in the Florida Keys. 33rd Annual Benthic Ecology Meeting, Mobile, AL, March.
- Butler IV, M.J., W.F. Herrnkind, **D.C. Behringer**, D.N. Robertson and J.H. Hunt. 2004. A region-scale test of recruitment limitation of spiny lobster in the Florida Keys. 7th International Conference on Lobster Biology and Management, Hobart, Australia, February.
- Shields, J.D., **D.C. Behringer, Jr.** and M.J. Butler, IV. 2002. Pathology of Herpes-like viral infections in *Panulirus argus*. 7th International Conference on Lobster Biology and Management, Hobart, Australia, February.
- Shields, J.D., **D.C. Behringer, Jr.** and M.J. Butler, IV. 2002. A pathogenic Herpes-like virus from the spiny lobster, *Panulirus argus*. National Shellfisheries Association 94th Annual Meeting, Mystic, CT, May.
- Shields, J.D., **D.C. Behringer Jr.**, and M.J. Butler IV. 2001. A pathogenic herpes-like virus from the spiny lobster, *Panulirus argus*. Eastern Fish Health Workshop, Shepherdstown, WV, April.

Other Invited Presentations:

- | | |
|------|---|
| 2009 | SEFCRI Advisory Board Meeting – Coral Reef Impact Project |
| 2009 | SEFCRI Advisory Board Meeting – Coral Reef Use Patterns |
| 2008 | FL Museum of Nat'l History Annual Docents Seminars |
| 2008 | Lighthouse Point Saltwater Sportsman's Association |

2008	Center for Ocean Science Education Excellence
2008	Pompano Beach Spearfishing Club
2007	University of Florida, Department of Fisheries and Aquatic Sciences
2006	Smithsonian Institution Research Station
2006	Center for Ocean Science Education Excellence
2005	University of Florida – Sea Grant College Program National Review
2005	Center for Ocean Science Education Excellence
2005	Florida Wildlife Research Institute
2003	Center for Ocean Science Education Excellence
2003	Florida Marine Research Institute
2002	American Heritage School
2001	Broward Community College

GRANTS AND CONTRACTS

Current Grants and contracts:

2008 – 2010. **PI: D. Behringer**; Co-PI: M. Butler. “The Possible Effects of Commercial Trap Fishing on a Lethal Viral Disease (PaV1) in Spiny Lobsters”. Florida Sea Grant, **\$155,494**.

2008 – 2010. **PI: D. Behringer**; Co-PIs: M. Butler and M. Kintzing. “Investigating the role of the spotted spiny lobster (*Panulirus guttatus*) on the recovery of the long-spined sea urchin (*Diadema antillarum*) on the coral reefs of the Florida Keys”. Mote State Reef Plate Grant Program. **\$29,550**.

2008 – 2011. **PI: D. Behringer**; Co-PIs: T. Frazer, R. Swett, M. Butler, and R. Watkins. “Determining Coral Reef Impacts Associated with Boat Anchoring and User Activity in Broward and Palm Beach Counties”. FL State Wildlife Grant Program, **\$105,623**.

2008 – 2010. **PI: D. Behringer**; Co-PI: T. Frazer. “Determining Coral Reef Impacts Associated with Boat Anchoring and User Activity in Miami-Dade County”. FDEP/NOAA Southeast Florida Coral Reef Initiative, **\$92,000**.

2008 – 2010. **PI: D. Behringer**; Co-PIs: T. Frazer, R. Swett, M. Butler, and R. Watkins. “Determining Coral Reef Impacts Associated with Boat Anchoring and User Activity”. Mote State Reef Plate Grant Program. **\$81,275**.

2008 – 2009. **PI: D. Behringer**; Co-PIs: R. Swett and R. Watkins. “Determination of vessel use patterns on coral reefs within the Southeast Florida Coral Reef Initiative (SEFCRI) region”. FDEP/NOAA Southeast Florida Coral Reef Initiative, **\$92,037**.

2005 – 2008. PI: M. Butler; Co-PIs: J. Shields, R. Ratzlaff, R. Cooper; Assoc. PI (Institutional limitation): **D. Behringer**. “Disease dynamics in degraded nurseries: ecology of viral disease in a social, marine animal”. National Science Foundation, **\$575,000**.

Grants Pending:

2009 – 2010. PI: M. Butler; Co-PI: **D. Behringer**. “A proposal for shallow hard-bottom sponge community restoration research in the Florida Keys National Marine Sanctuary”. U.S. Park Service, **\$75,000**.

Grants Completed:

2006 – 2007. **PI: D. Behringer**; Co-PIs: M. Butler, and J. Shields. “The impact of anthropogenic disturbance on the prevalence and distribution of the lethal spiny lobster pathogen PAV1 in the Caribbean”. NOAA National Undersea Research Center, **\$62,678** – Awarded but federal funds for the agency cut to 0% for 2006.

2002 – 2004. PI: M. Butler; Co-PIs: J. Shields, R. Ratzlaff; Assoc. PI (Institutional limitation): **D. Behringer**. “The behavioral and ecological effects of viral disease in Caribbean Spiny Lobster”, National Science Foundation, **\$269,643**.

2003 – 2004. **PI: D. Behringer**; Co-PI: M. Butler. “An assessment of the prevalence of a lethal herpes-like virus (HLV-PA) in spiny lobster (*Panulirus argus*) in the waters surrounding Lee Stocking Island, Bahamas”, Perry Institute for Marine Science, **\$3,730** (Awarded but declined).

2002 – 2003. PI: J. Shields; Co-PIs: **D. Behringer**, M. Butler, and R. Ratzlaff. “Epidemiological studies on spiny lobsters, *Panulirus argus*, infected with a pathogenic herpes-like virus”, NOAA/National Marine Fisheries: Saltonstall-Kennedy Program, **\$132,267**.

TEACHING

Courses Taught

Experimental Marine Ecology, Marine Ecology, Marine Biology

Invited Guest Lectures

2007 Field Ecology, UF Department of Fisheries and Aquatic Sciences
2007 Aquatic Animal Conservation, UF School of Veterinary Medicine
2007 Marine Ecological Processes, UF Dept of Fisheries and Aquatic Sciences

STUDENT MENTORING

Current Students

Alecia Adamson	M.S. candidate	Expected graduation: 2010
Andrew Barbour	M.S. candidate	Expected graduation: 2010

HONORS AND AWARDS

- 2002 National Shellfish Association Meeting, Oral presentation competition, Honorable Mention
- 2002 Sigma Xi student poster competition, Old Dominion University, 2nd place
- 1998 Virginia Bagely Scholarship, Department of Biological Sciences, Old Dominion University
- 1998 Outstanding Graduate Teaching Assistant, Department of Biological Sciences, Old Dominion University
- 1998 Phi Kappa Phi Honor Society, Old Dominion University
- 1996 Outstanding Graduate Teaching Assistant, Department of Biological Sciences, Old Dominion University
- 1997

PROFESSIONAL SERVICE

Scientific Meeting Activities:

- 2008 ASLO Ocean Sciences Conference, Special Session on Sediment-Nutrient Dynamics, Co-chair
- 2006 Session Chair, Marine Benthic Ecology Meeting
- 2005 Session Chair, Marine Benthic Ecology Meeting

Professional Administrative and Editorial Activities:

- 2008 – 2009 2nd Annual UF Marine Biology Symposium - Chair
- 2008 6th Int'l Symposium on Aquatic Animal Health – organizing committee
- 2008 – 2009 John Gray Lecturer & Spring Symposium committee
- 2008 – 2009 PFAS Seminar Series Coordinator
- 2005 – COSEE Advisory Board member
- 2006 – Southeast Florida Coral Reef Initiative – Fishing, Diving, and Other Uses Advisory Team member
- 2005 Florida Sea Grant Program Assessment Team marine education representative, Gainesville, FL
- 2005 – 2006 COSEE Teacher Workshop- Scientific Instructor, Cedar Key, FL
- 2003 COSEE (Center for Ocean Science Education Excellence) Teacher Workshop- Scientific Instructor, Cedar Key, FL
- 1998 – 1999 Biology Graduate Student Organization Vice President

In addition to the responsibilities listed above, I review manuscripts for the journals *Marine Ecology Progress Series*, *Marine and Freshwater Research*, *New Zealand Journal of Marine and Freshwater Research*, *Aquaculture Nutrition*, *Gulf of Mexico Science*, *Caribbean Journal of Science*, *Fishery Bulletin*; and proposals for the National Science Foundation, the National Marine Fisheries Service, the National Oceanic and Atmospheric Administration, California Sea Grant, North Carolina Sea Grant, and Rhode Island Sea Grant.

General:

2007 Lincoln Middle School Science Fair judge, Gainesville, FL
2006 International Coastal Cleanup, Director, Broward County, FL
2000 – 2004 International Coastal Cleanup, Broward County, FL
2000 – 2004 Waterway Cleanup, Broward County, FL
1999 Coastal Cleanup, Key Largo, FL
1998 – 1999 Save the Bay - Chesapeake Bay Cleanup, Norfolk, VA

SCIENTIFIC MEMBERSHIPS

National Shellfish Association
Crustacean Society
Sigma Xi Scientific Research Society
South Florida Association of Environmental Professionals