

David Lenox Taylor

Roger Williams University
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Education

- University of Rhode Island, Graduate School of Oceanography**, Narragansett, RI (Grad: Dec 2003)
- Doctorate in Biological Oceanography
 - Major advisor: Dr. Jeremy S. Collie
 - **Cumulative G.P.A. 3.8/4.0**
- North Carolina State University**, Raleigh, NC (Grad: May 1999)
- Masters of Science in Marine Science
 - Major advisor: Dr. David B. Eggleston
 - **Cumulative G.P.A. 3.6/4.0**
- Bucknell University**, Lewisburg, PA (Grad: May 1997)
- Bachelor of Arts in with Honors in Biology
 - *Magna Cum Laude*
 - *Phi Beta Kappa*
 - *Sigma Xi Scientific Research Society*
 - Major advisor: Dr. Daniel Hoffman
 - **Cumulative G.P.A. 3.7/4.0**
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Research Experience & Interests

- Assistant Professor**, Roger Williams University, Bristol, RI (Jul 2005 – present)
- Research interests: Trophic interactions and recruitment dynamics of early life stages of estuarine and marine fishes; biochemical and molecular techniques to address food web dynamics; fish and invertebrate behavioral ecology and physiology; otolith microstructure analysis; estuarine and marine toxicology, finfish and shellfish habitat restoration
 - Courses taught: *Biology I*, *Biology II*, Marine Vertebrate Zoology, Ichthyology
- Postdoctoral Associate**, Rutgers University, Tuckerton, NJ (Jun 2004 – Jun 2005)
- Coastwide patterns of juvenile recruitment of bluefish, *Pomatomus saltatrix*
 - Cohort identification and growth-mortality estimation of bluefish, *Pomatomus saltatrix*, as revealed by sagittal otolith microstructural analysis
 - Advisor: Dr. Kenneth W. Able
- Doctorate in Oceanography**, URI, GSO (Graduated Dec 2003)
- Effects of water temperature on predator-prey interaction between sand shrimp, *Crangon septemspinosa*, and early life stages of winter flounder, *Pseudopleuronectes americanus*
- Environmental Careers Organization**, Narragansett, RI (May 2003 – May 2004)
- Collaborative project with Environmental Protection Agency, Atlantic Ecology Division; assessing habitat suitability of Mount Hope Bay, RI for juvenile winter flounder, *Pseudopleuronectes americanus*
- URI/NOAA Cooperative Marine Education and Research**, URI, GSO (Jan 2002 – Jan 2004)
- Cooperative research program with National Marine Fisheries Service, Behavioral Ecology Branch, Sandy Hook Bay, NJ; examination of crustacean (decapod) physiology, feeding behavior, and impact on juvenile winter flounder, *Pseudopleuronectes americanus*, year-class strength and recruitment

- Research Assistant in Geographic Information System**, URI, GSO (Sep 2001 – Dec 2001)
- GIS habitat mapping of commercially valuable demersal fish species along northwestern Atlantic as a function of abiotic parameters
- Research Assistant in Marine Benthic Ecology**, URI, GSO (Sep 2001 – Dec 2001)
- Impact of fishing gear on marine invertebrate populations in Georges Bank; identification and enumeration of preserved specimens from research cruises
- Aquatic Field Ecologist, Applied Science Associates**, Narragansett, RI (Apr 2001 – May 2004)
- Monthly freshwater fish electroshock and seine survey in Blackstone River, RI
- Research Assistant in Marine Fish and Invertebrate Ecology**, URI, GSO (Sep 1999 – Sep 2001)
- Fish trawl assistant for GSO Narragansett Bay Bottom-Trawl Survey aboard R/V *Cap'n Bert*; quantitative sampling and data management of fish and invertebrate populations in Narragansett Bay, RI
- Masters of Science in Marine Science**, North Carolina State University (Graduated May 1999)
- Effects of episodic hypoxia on interspecific predator-prey interaction between blue crab, *Callinectes sapidus*, and the infaunal clam, *Mya arenaria*
- Research Assistant in Marine Benthic Ecology**, North Carolina State University (Aug 1997 – May 1999)
- Evaluation of population structure and abundance of blue crab, *Callinectes sapidus*, as a function of recruitment success and habitat selection within coastal areas of North Carolina
- Woods Hole Marine Science Consortium Intern**, Woods Hole, MA (Summer 1997)
- Effects of salinity on sediment nitrogen cycling, including ratio of free to exchangeable ammonium in sediments, inorganic nitrogen fluxes across sediment-water interface, and denitrification
- Honors Thesis for Degree of Bachelor of Arts with Honors in Biology**, Bucknell University (Apr 1997)
- Larval development and settlement of the marine polychaete, *Chaetopterus pergamentaceus*; examination of possible inducers to settlement and metamorphosis
- Research Assistant in Ichthyology**, Bucknell University (Summer 1995)
- Morphological examination of skeletal structure of family Cichlidae attempting to identify newly established species, Lake Peten, Guatemala

**Research
Cruise
Experience**

- National Oceanic and Atmospheric Administration Undersea Research Program**, Mid-Atlantic Bight National Undersea Research Center, Tuckerton, NJ (Jul 2004)
- Effects of mobile fishing gear on nursery and tilefish, *Lopholatilus chamaeleonticeps*, habitats associated with the shelf edge of the New York Bight
 - R/V *Megan E. Miller*, Port: New Haven, CT
- ECO HAB: The Ecology and Oceanography of Harmful Algal Blooms: A National Research Agenda**, National Oceanic and Atmospheric Administration/Coastal Ocean Program, Washington D.C. (Aug 2003)
- ECOHAB: Zooplankton grazing of toxic *Alexandrium* spp. as a mechanism in the control of bloom formation and toxin transfer
 - R/V *Endeavor*, Port: Narragansett, RI

**Teaching
Experience**

- Assistant Professor, Roger Williams University**, Bristol, RI (Fall 2005)
- Lecture instructor for Biology I, Biology II, Marine Vertebrate Zoology, and Ichthyology (lecture and laboratory)

Guest Lecturer, Department of Marine and Coastal Sciences, Rutgers University, New Brunswick, NJ
(Fall 2004)

- Guest lecturer for introductory Marine Sciences course

Adjunct Professor, Department of Biological Sciences, University of Rhode Island, Kingston, RI (Jan 2004 – May 2004)

- Lecture and laboratory instructor for the upper division Invertebrate Zoology course

Office of Marine Programs – Outreach Scientist, Narragansett, RI (Sep 2000 – May 2004)

- Lead instructor and scientist for Narragansett Bay Sampling Cruises aboard R/V *Cap'n Bert*

Metcalf Institute for Marine and Environmental Reporting, Narragansett, RI (Jun 2000 – 2003)

- Lead instructor for Metcalf Institute Fellowship Program; leading field research programs, assessing fish stocks in Narragansett Bay, RI, and assisting fellows in analysis of data, hypothesis construction, data interpretation, and presentation of conclusions

Scientists in the Classroom – Outreach Program, Raleigh, NC (May 1998 – May 1999)

- Instructor of marine science for elementary and middle school classes

Teaching Assistant in Oceanography, North Carolina State University (Aug 1997 – May 1998)

- Laboratory instructor for introductory oceanography emphasizing four disciplines: biological, chemical, physical, and geological

**Invited
Addresses**

From Local to Global: The Rhode Island Model for Harnessing Wind Power Worldwide, Narragansett, RI (Apr 2007)

- Wind power impact on wildlife (moderator and session coordinator)

Mercury Workshop, Durham, NH (Nov 2006)

- Fate and bioavailability of mercury in aquatic ecosystems and effects on human exposure

Bluefish Research Coordination Workshop, New Brunswick, NJ (Feb 2005)

- Recruitment dynamics of bluefish (*Pomatomus saltatrix*): Coastwide patterns of juvenile recruitment
- Cohort dynamics of summer-spawned bluefish, *Pomatomus saltatrix*, as determined by length-frequency and otolith microstructure analysis

Narragansett Bay Chapter of the Military Officer's Association of America, Wakefield, RI (Mar 2004)

- The past, present, and future health of Narragansett Bay, Rhode Island

University of Rhode Island Colloquium, Kingston, RI (Feb 2004)

- Crangonid shrimp predation on the early-life history stages of winter flounder

Northeast Fisheries Science Center, Woods Hole, MA (Apr 2003)

- Sand shrimp predation on post-settled flounder: Analyzing predator stomach contents with immunoassays

Savannah State University, Savannah, GA (Jan 2003)

- Immunological detection of juvenile flounder in the stomach contents of predatory shrimp

James J. Howard Marine Sciences Laboratory, Sandy Hook, NJ (Oct 2002)

- Sand shrimp *Crangon septemspinosa* predation on juvenile winter flounder

Millstone Environmental Laboratory, Ecological Advisory Meeting, Waterford, CT (May 2002)

- Detecting invertebrate predation on the early life stages of winter flounder with the Öuchterlony immunoassay

Friends of Oceanography Breakfast Seminar, Narragansett, RI (Oct 2000)

- Crabs or clams: Who benefits under low oxygen conditions?

**Professional
Associations
& Services**

North Atlantic Chapter of the Society for Environmental Toxicology and Chemistry, (May 2007 – present)

- Board of Directors member

Rhode Island Marine Fisheries Council, Scientific Advisor, (March 2007 – present)

- Scientific advisor to bluefish/weakfish, summer flounder, tautog, and striped bass fishery panels

Rhode Island Aquatic Invasive Species Working Group, (Jan 2007 – present)

American Fisheries Society, (Sep 2001 – present)

Southern New England Chapter of American Fisheries Society, (Sep 2001 – present)

- Board of Directors member and Program Development Committee Chair

New England Estuarine Research Society, (Sep 1999 – present)

Atlantic Estuarine Research Society, (Mar 1998 – Mar 2000)

Sigma Xi Scientific Research Society, (Apr 1997 – present)

**Honors &
Awards**

Executive Award, Roger Williams University (Awarded May 2007)

Faculty Merit Review Committee Award, Roger Williams University (Awarded May 2007 and May 2008)

John E. Skinner Memorial Award, Honorable Mention – AFS, 133rd Annual Meeting, Quebec City, Quebec, Canada (Aug 2003)

Outstanding Student Paper – AFS, 132nd Annual Meeting, Baltimore, MD (Aug 2002)

Saul B. Saila Best Student Paper Award – SNEC, Bristol, RI (Jun 2002)

Bostwick H. Ketchum Best Graduate Student Paper Award – NEERS, Bar Harbor, ME (May 2002)

Best Student Paper Award – SETAC, Portland, ME (Apr 2002)

Saul B. Saila Best Student Paper Award – SNEC, Groton, CT (Jan 2002)

Joshua MacMillan Graduate Fellowship in Fisheries Oceanography, URI, GSO (Awarded May 2002)

Germaine and Francis Webb Graduate Fellowship in Oceanography, URI, GSO (Awarded May 2001)

Graduate School of Oceanography Alumni Award, URI, GSO (Awarded Nov 2000 and Feb 2001)

Bachelor of Arts with Honors in Biology, Bucknell University (Awarded Apr 1997)

Phi Beta Kappa, Bucknell University (Inducted Apr 1997)

Sigma Xi Scientific Research Society, Bucknell University (Inducted Apr 1997)

Outstanding Greek Senior, Bucknell University (Awarded Apr 1997)

Mortar Board, Bucknell University (Inducted Apr 1996)

Omicron Delta Kappa, Bucknell University (Inducted Apr 1996)

Dean's List, 8 semesters, Bucknell University

Magna Cum Laude, Bucknell University

**Grants &
Acquired
Funding**

Nature Conservancy (Awarded Sep 2006), \$3,000

- Implementing the use of reef-ball artificial structures for oyster enhancement and finfish habitat restoration in Narragansett Bay, Rhode Island

INBRE: Rhode Island Network for Molecular Toxicology, # P20RR016457 (Awarded Jan 2006), \$384,045

- Mercury contaminants in commercial and recreational finfish of Narragansett Bay, Rhode Island

URI/NOAA Cooperative Marine Education and Research, # NA17FE2312 (Awarded Jan 2002), \$76,466

- Effects of water temperature on sand shrimp predation on juvenile winter flounder

Graduate School of Oceanography Alumni Award (Awarded Feb 2001), \$750

- Immunological detection of winter flounder, *Pseudopleuronectes americanus*, eggs and juveniles in the stomach contents of crustacean predators

Sigma Xi Grants-in-Aid Research Program (Awarded Feb 2001), \$550

- Immunological detection of winter flounder, *Pseudopleuronectes americanus*, eggs and juveniles in the stomach contents of crustacean predators

Graduate School of Oceanography Alumni Award (Awarded Nov 2000), \$1200

- Effect of temperature on the functional response and foraging behavior of the sand shrimp, *Crangon septemspinosa*, preying on juvenile winter flounder
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**Journal &
Proposal Peer
Reviews**

Journal Peer Reviews

- *Aquatic Living Resources* (Nantes, France)
- *Behavioral Ecology* (Oxford, United Kingdom)
- *Canadian Journal of Fisheries and Aquatic Sciences* (Ottawa, Ontario)
- *Ecological Research* (New York, New York)
- *Fishery Bulletin* (La Jolla, California)
- *Journal of Experimental Marine Biology and Ecology* (Orlando, Florida)
- *Marine Biology* (Heidelberg, Germany)
- *Marine Ecology Progress Series* (Oldendorf/Luhe, Germany)
- *Marine Pollution Bulletin* (Coventry, United Kingdom)
- *North American Journal of Fisheries Management* (Bethesda, Maryland)
- *Transactions of the American Fisheries Society* (Bethesda, Maryland)

Proposal Peer Reviews

- *Hudson River Foundation* (New York, New York)
- *Maryland Sea Grant* (College Park, Maryland)
- *National Oceanic and Atmospheric Administration National Undersea Research Program* (Silver Spring, Maryland)

Recent Collaborators

- Kenneth W. Able, Marine Field Station, Institute of Marine and Coastal Sciences, Rutgers University, Tuckerton, NJ 08087
- Jeremy S. Collie, Graduate School of Oceanography, University of Rhode Island, Narragansett, RI 02882
- Donald J. Danilla, Environmental Laboratory, Millstone Nuclear Power Station, Waterford, CT 06385
- Timothy Lynch, State of Rhode Island Department of Environmental Management, Division of Fish and Wildlife Jamestown, RI 02835
- Diane Nacci, U.S. Environmental Protection Agency, Atlantic Ecology Division, Narragansett, RI 02882
- J. Christopher Powell, State of Rhode Island Department of Environmental Management, Division of Fish and Wildlife Jamestown, RI 02835

Publications

- Meng, L, **DL Taylor**, J Serbst, and JC Powell (2008) Assessing habitat quality of Mount Hope Bay using growth, RNA:DNA, and feeding of caged juvenile winter flounder (*Pseudopleuronectes americanus*). *Northeastern Naturalist*. 15:35-56.
- Taylor, DL**, RS Nichols, and KW Able (2007) Habitat selection and quality for multiple cohorts of young-of-the-year bluefish (*Pomatomus saltatrix*): Comparisons between estuaries and ocean beaches in southern New Jersey. *Estuarine, Coastal and Shelf Science*. 73:667-679
- Taylor, DL**, PM Rowe, and KW Able (2006) Habitat use of different ontogenetic stages of summer-spawned bluefish (*Pomatomus saltatrix*) in coastal regions of southern New Jersey. *Fishery Bulletin*. 104:593-604
- Taylor, DL** and KW Able (2006) Cohort dynamics of summer-spawned bluefish as determined by length-frequency and otolith microstructure analysis. *Transactions of the American Fisheries Society*. 135:955-969
- Taylor, DL** (2005) Predatory impact of the green crab (*Carcinus maenas*) on post-settlement winter flounder (*Pseudopleuronectes americanus*) as revealed by immunological dietary analysis. *Journal of Experimental Marine Biology and Ecology*. 324:112-126
- Taylor, DL** and D Danila (2005) Predation on winter flounder (*Pseudopleuronectes americanus*) eggs by the sand shrimp (*Crangon septemspinosa*). *Canadian Journal of Fisheries and Aquatic Sciences*. 62:1611-1625
- Taylor, DL** (2005) Predation on post-settlement winter flounder *Pseudopleuronectes americanus* by sand shrimp *Crangon septemspinosa* in 3 NW Atlantic estuaries. *Marine Ecology Progress Series*. 289:245-262
- Taylor, DL** and MA Peck (2004) Daily energy requirements and trophic positioning of the sand shrimp *Crangon septemspinosa*. *Marine Biology*. 145:167-177
- Taylor, DL** (2004) Immunological detection of winter flounder (*Pseudopleuronectes americanus*) eggs and juveniles in the stomach contents of crustacean predators. *Journal of Experimental Marine Biology and Ecology*. 301:55-73

Meng, L, **DL Taylor**, J Serbst, and JC Powell (2004) Assessing habitat suitability of Mount Hope Bay using caged juvenile winter flounder. *EPA Report*. U.S. Environmental Protection Agency, Office of Research and Development, National Health and Environmental Effects Laboratory, Atlantic Ecology Division, Narragansett, RI

Taylor, DL (2003) Size-dependent predation on post-settlement winter flounder *Pseudopleuronectes americanus* by sand shrimp *Crangon septemspinosa*. *Marine Ecology Progress Series*. 263:197-215

Taylor, DL and JS Collie (2003) Effect of temperature on the functional response and foraging behavior of the sand shrimp *Crangon septemspinosa* preying on juvenile winter flounder *Pseudopleuronectes americanus*. *Marine Ecology Progress Series*. 263:217-234

Taylor, DL and JS Collie (2003) A temperature and size-dependent model of sand shrimp (*Crangon septemspinosa*) predation on juvenile winter flounder (*Pseudopleuronectes americanus*). *Canadian Journal of Fisheries and Aquatic Sciences*. 60:1133-1148

Taylor, DL and JS Collie (2001) Sampling the Bay over the long-term. *Maritimes*. 7-9

Taylor, DL and DB Eggleston (2000) Effects of hypoxia on an estuarine predator-prey interaction: Foraging behavior and mutual interference in blue crab, *Callinectes sapidus*, and the infaunal clam prey, *Mya arenaria*. *Marine Ecology Progress Series*. 196:221-237

Morlock, S, **D Taylor**, A Giblin, C Hopkinson, and J Tucker (1997) The effects of salinity on the fate of inorganic nitrogen in sediments of the Parker River Estuary, Massachusetts. *Biological Bulletin*. 193:290-292

Dissertation & Theses

Taylor, DL (2003) Predation on the early life history stages of winter flounder (*Pseudopleuronectes americanus*) by the sand shrimp (*Crangon septemspinosa*). *Ph.D. Dissertation*, University of Rhode Island, Graduate School of Oceanography, 376 pp

Taylor, DL (1999) Effects of hypoxia on an estuarine predator-prey interaction: Foraging behavior and mutual interference in blue crab, *Callinectes sapidus*, and the infaunal clam prey, *Mya arenaria*. *M.S. Thesis*, North Carolina State University, 53 pp

Taylor, DL (1997) Establishing the protocol for rearing the marine polychaete, *Chaetopterus*, under laboratory conditions: A study and discussion of larval development and possible inducers to settlement and metamorphosis. *Honors Thesis for B.A. with Honors in Biology*, Bucknell University, 38 pp

Professional Presentations

Southern New England Chapter of the American Fisheries Society Meeting, Storrs, CT (Jun 2008)

- Mercury bioaccumulation in benthic and pelagic estuarine fishes relative to their nitrogen and carbon isotope signatures

Society of Environmental Toxicology and Chemistry Annual Meeting, Bar Harbor, ME (Jun 2008)

- Stable isotope analysis reveals differences in mercury bioaccumulation rates in benthic versus pelagic estuarine food webs

Marine Benthic Ecology Meeting, Providence, RI (Apr 2008)

- Trophic transfer of mercury in a benthic versus pelagic food web as revealed by stable isotope analysis

Biology New England South Undergraduate Research Meeting, Bristol, RI (Nov 2007)

- Bioaccumulation and trophic transfer of mercury in bluefish (*Pomatomus saltatrix*) from Narragansett Bay, Rhode Island

Estuarine Research Federation, Providence, RI (Nov 2007)

- Bioaccumulation and trophic transfer of mercury in bluefish (*Pomatomus saltatrix*) from Narragansett Bay, Rhode Island

Northeast Regional Meeting of IDeA Networks of Biomedical Research Excellence and Centers for Biomedical Research Excellence, Burlington, VT (Aug 2007)

- Bioaccumulation and trophic transfer of mercury in bluefish (*Pomatomus saltatrix*) from Narragansett Bay, Rhode Island

Rhode Island Network for Molecular Toxicology 2007 Annual Summer Retreat, Kingston, RI (Aug 2007)

- Bioaccumulation and trophic transfer of mercury in bluefish (*Pomatomus saltatrix*) from Narragansett Bay, Rhode Island

Southern New England Chapter of the American Fisheries Society Meeting, Kingston, RI (Jun 2007)

- Bioaccumulation of total mercury in bluefish (*Pomatomus saltatrix*) from Narragansett Bay, Rhode Island

Society of Environmental Toxicology and Chemistry Annual Meeting, Bristol, RI (Jun 2007)

- Bioaccumulation of total mercury in bluefish (*Pomatomus saltatrix*) from Narragansett Bay, Rhode Island

Rhode Island Centers of Biomedical Research Excellence & IDeA Network of Biomedical Research Excellence Symposium, Providence, RI (May 2007)

- Bioaccumulation of total mercury in bluefish (*Pomatomus saltatrix*) from Narragansett Bay, Rhode Island

Rhode Island Network for Molecular Toxicology 2007 Annual Winter Retreat, Newport, RI (Jan 2007)

- Mercury concentrations in striped bass (*Morone saxatilis*) from Narragansett Bay, Rhode Island

Flatfish Biology Conference, Westbrook, CT (Nov 2006)

- Assessing habitat suitability of Mount Hope Bay using growth, RNA:DNA, and feeding of caged juvenile winter flounder

American Fisheries Society, 136th Annual Meeting, Lake Placid, NY (Sep 2006)

- Cohort dynamics of summer-spawned bluefish as determined by length-frequency and otolith microstructure analyses

Southern New England Chapter of the American Fisheries Society Meeting, Fall River, MA (Jun 2006)

- Cohort dynamics of summer-spawned bluefish as determined by length-frequency and otolith microstructure analyses

Flatfish Biology Conference, Westbrook, CT (Dec 2004)

- Predatory impact of the green crab (*Carcinus maenas*) on post-settlement winter flounder (*Pseudopleuronectes americanus*) as revealed by immunological dietary analysis

American Fisheries Society, 133rd Annual Meeting, Quebec City, Quebec, Canada (Aug 2003)

- Predation of winter flounder eggs by the sand shrimp *Crangon septemspinosa*

New England Estuarine Research Society/Southern New England Chapter of the American Fisheries Society Joint Meeting, Fairhaven, MA (May 2003)

- Predation of winter flounder eggs by the sand shrimp *Crangon septemspinosa* in Mt. Hope Bay

Marine Benthic Ecology Meeting, Groton, CT (Mar 2003)

- Predation of winter flounder eggs by the sand shrimp *Crangon septemspinosa*

- Southern New England Chapter of the American Fisheries Society Meeting**, Auburn, MA (Jan 2003)
- Sand shrimp *Crangon septemspinosa* size-selective predation on post-settled winter flounder
- Flatfish Biology Conference**, Westbrook, CT (Dec 2002)
- Sand shrimp *Crangon septemspinosa* predation on juvenile winter flounder: Effect of temperature on predator functional response and foraging behavior
- Fifth International Symposium on Flatfish Ecology**, Isle of Man, United Kingdom (Nov 2002)
- Evidence of sand shrimp predation on juvenile winter flounder from three northwestern Atlantic estuaries
- New England Estuarine Research Society Meeting**, Groton, CT (Oct 2002)
- Sand shrimp predation on juvenile winter flounder across a latitudinal gradient
- American Fisheries Society, 132nd Annual Meeting**, Baltimore, MD (Aug 2002)
- Detecting juvenile winter flounder in the stomachs of invertebrate predators with the Öuchterlony double-diffusion immunoassay
 - *Winner of Outstanding Student Paper*
- Southern New England Chapter of the American Fisheries Society Meeting**, Bristol, RI (Jun 2002)
- Evidence of sand shrimp predation on juvenile winter flounder from three northwestern Atlantic estuaries
 - *Winner of Saul B. Saila Best Student Paper Award*
- New England Estuarine Research Society Meeting**, Bar Harbor, ME (May 2002)
- Detecting juvenile winter flounder in the stomachs of invertebrate predators with the Öuchterlony immunoassay
 - *Winner of Bostwick H. Ketchum Best Graduate Student Paper Award*
- Society of Environmental Toxicology and Chemistry Annual Meeting**, Portland, ME (Apr 2002)
- Detecting juvenile winter flounder in the stomachs of invertebrate predators with the Öuchterlony immunoassay
 - *Winner of Best Student Paper Award*
- Southern New England Chapter of the American Fisheries Society Meeting**, Groton, CT (Jan 2002)
- Detecting juvenile winter flounder in the stomachs of invertebrate predators with the Öuchterlony double-diffusion immunoassay
 - *Winner of Saul B. Saila Best Student Paper Award*
- New England Estuarine Research Society Meeting**, Block Island, RI (Nov 2000)
- Effects of increased water temperature on sand shrimp predation on young-of-the-year winter flounder prey: A proposal
- New England Estuarine Research Society Meeting**, Portland, ME (May 2000)
- Effects of hypoxia on an estuarine predator-prey interaction
- Atlantic Estuarine Research Society Meeting**, Gloucester Point, VA (Apr 1999)
- Effects of hypoxia on an estuarine predator-prey interaction
- Marine Benthic Ecology Meeting**, Baton Rouge, LA (Mar 1999)
- Effects of hypoxia on an estuarine predator-prey interaction
- Atlantic Estuarine Research Society Meeting**, Beaufort, NC (Mar 1998)
- The effects of salinity on the fate of inorganic nitrogen in sediments of the Parker River Estuary, Massachusetts

Marine Biological Laboratory Scientific Meeting, Woods Hole, MA (Aug 1997)

- The effects of salinity on the fate of inorganic nitrogen in sediments of the Parker River Estuary, Massachusetts