Jonathan Douglas Allen
Department of Biology
College of William and Mary
Williamsburg, VA 23187
Phone: 757-221-7498
jdallen@wm.edu
http://wmpeople.wm.edu/site/page/jdallen/

Professional Preparation

University of North Carolina at Chapel Hill. 1998-2005.
Ph.D. Biology. 2005.
Bates College. 1994-1998.
B.S. Biology. 1998.

Academic Positions

College of William and Mary, 2015- Present.
Associate Professor of Biology
College of William and Mary. 2009- 2015.
Assistant Professor of Biology
Randolph-Macon College. 2008-2009.
Assistant Professor of Biology
Bowdoin College. 2005-2008.
Doherty Marine Biology Postdoctoral Scholar

External Scholarships, Fellowships, and Honors (PI unless otherwise noted)

Australian Museum Crown-of -Thorns Starfish Research Grant. 2017. $24,442 AUD
Co-PI with Dr. Maria Byrne (University of Sydney)
Australian Museum Crown-of-Thorns Starfish Research Grant. 2015. $20,000 AUD
Co-PI with Dr. Maria Byrne (University of Sydney) and Dr. Symon Dworjanyn (Southern Cross University)
National Science Foundation, Evolutionary Ecology. 2013-2017. $313,097
Jeffress Memorial Trust Research Grant. 2010-2012. $40,000
Mednick Memorial Fellowship, VFIC. 2009. $1500
Student Travel Award. National Science Foundation/SICB. 2005. $500
Kohn Fellowship. University of Washington. 2004. $2030
Doctoral Dissertation Improvement Grant. National Science Foundation. 2003. $7612
Grant-in-Aid of Research. Soc. Int. Comp. Biol. 2003. $452
Kohn Fellowship. University of Washington. 2002. $3000
Friday Harbor Course Fellowship. University of Washington. 2002. $1791
PADI Foundation Grant. 2001. $3999
Friday Harbor Research Fellowship. University of Washington. 2000. $1050
Grant-in-Aid of Research. Sigma Xi. 2000. $800
Graduate Research Fellowship Honorable Mention. National Science Foundation. 1999

Institutional Scholarships, Fellowships, and Honors

Broderick Goldman Sachs Term Distinguished Associate Professor 2017-2020.
$8000/yr.
Charles Center Curriculum Development Award. 2016. $9132
Co-PI Dr. Matthias Leu (WM Biology)
Coco Faculty Fellow. 2015-2016. $2000
EVMS/WM Collaborative Grant Program. 2013. $10,000
Co-PI Dr. Aurora Esquela-Kerscher (Eastern Virginia Medical School)
Summer Research Award. College of William and Mary. 2013. $4000

Matthews Summer Research Award. College of William and Mary. 2010. $5000
Rusack Coastal Studies Award. Bowdoin College. 2008. $1500
Phocas Family Research Award. Bowdoin College. 2008. $1000
Course Enrichment Grant. Bowdoin College. 2007. $450
Coastal Studies Symposium Fund. Bowdoin College. 2007. $4500
Phocas Family Research Award. Bowdoin College. 2007. $7000
Rusack Coastal Studies Award. Bowdoin College. 2006. $1800
Coastal Studies Symposium Fund. Bowdoin College. 2006. $2850
Course Enrichment Grant. Bowdoin College. 2005. $450
Dissertation Completion Fellowship. UNC Graduate School. 2004. $15000
Graduate Mentor Support Grant. UNC Office of Undergraduate Research. 2003. $1000
Intellectual Life Grant. UNC Office of Distinguished Scholarships. 2003. $300
Intellectual Life Grant. UNC Office of Distinguished Scholarships. 2002. $625
Intellectual Life Grant. UNC Office of Distinguished Scholarships. 2000. $625
H.V. Wilson Scholarship. UNC Dept. of Biology. 2000, 2001, 2002, 2004. $400/yr.
Merit Assistantship. UNC Graduate School. 1998. $10500

Peer-Reviewed Publications * Undergraduate coauthor †Joint first authors

Allen, J.D., K.R. Schrage*, S. Foo, S-A. Watson and M. Byrne. 2017. The effects of salinity and pH on fertilization, early development and hatching in the Crown-of-Thorns Seastar. Diversity. doi:10.3390/d9010013

Allen, J.D., A.M. Klompen*, E.J. Alpert* and A.J. Reft. 2017. Obligate planktotrophy in the Götte's larva of *Stylochus ellipticus* (Platyhelminthes). Invertebrate Reproduction and Development. 61: 110-118.

Allen, J.D., A.F. Armstrong* and S.L. Ziegler*. 2015. Environmental induction of polyembryony in echinoid echinoderms. Biological Bulletin. 229: 221-231.

Schwab, D.B.* and **J.D. Allen**. 2014. Size-specific maternal effects in response to predator cues in an intertidal snail. Marine Ecology Progress Series. 499: 127-141.

Allen, J.D. and A. Esquela-Kerscher. 2013. *Gongylonema pulchrum* infection in a resident of Williamsburg, Virginia, verified by genetic analysis. Am. J. Trop. Med. Hyg. 89(4): 755-757.

A.S. Johnson, J.M. Salyers*, N.J. Alcorn*, O. Ellers and **J.D. Allen**. 2013. Externally visible fluorochrome marks and allometries of growing sea urchins. Invertebrate Biology. 132(3): 251-269.

Armstrong, A.F.*, H.N. Blackburn* and **J.D. Allen**. 2013. A novel report of hatching plasticity in the phylum Echinodermata. American Naturalist. 181: 264-272.

Allen, J.D. 2012. Effects of egg size reductions on development time and juvenile size in three species of echinoid echinoderms: implications for life history theory. J. Exp. Mar. Biol. Ecol. 422-423: 72-80.

Vaughn, D.† and **Allen, J.D.**† 2010. The peril of the plankton. Integrative and Comparative Biology. 50: 552-570.

Allen, J.D. and Pechenik, J.A. 2010. Understanding the effects of low salinity on fertilization success in the sand dollar, *Echinarachnius parma*. Biological Bulletin. 218: 189-199.

Alcorn, N*. and **J.D. Allen**. 2009. How do changes in parental investment influence development in echinoid echinoderms? Evolution and Development. 11: 719-727.

Allen, J.D. 2008. Size-specific predation on marine invertebrate larvae. Biological Bulletin. 214 (1): 42-49.

Allen, J.D. and B. Pernet. 2007. Intermediate modes of larval development: bridging the gap between planktotrophy and lecithotrophy. Evolution and Development. 9 (6): 643-653.

Allen, J.D. and J.S. McAlister. 2007. Testing rates of planktonic versus benthic predation in the field. Journal of Experimental Marine Biology and Ecology. 347 (1-2): 77-87.

Moran, A.L. and **J.D. Allen**. 2007. How does metabolic rate scale with egg size? An experimental test with sea urchin embryos. Biological Bulletin. 212:143-150.

Allen, J.D. and R.D. Podolsky. 2007. Uncommon diversity in developmental mode and larval form in *Macrophiothrix*. Marine Biology. 151(1): 85-97.

Allen, J.D., C. Zakas* and R.D. Podolsky. 2006. Effects of egg size reduction and larval feeding on juvenile quality for a species with facultative-feeding development. Journal of Experimental Marine Biology and Ecology. 331(2): 186-197.

Manuscripts in preparation

Santoni, A.S*, J.M. Salyers* and **J.D. Allen**. Blue crabs induce plasticity in shell morphology in mud snails. *In preparation* for Journal of Shellfish Research

Abdel-Raheem, S.T.* and **J.D. Allen**. Developmental responses to fluctuating environmental conditions in echinoid echinoderms. *In preparation* for PLoS ONE.

Harmon, E.A.* and **J.D. Allen**. Predator-induced plasticity in egg capsule deposition in the mudsnail, *Tritia obsoleta*. *Accepted* pending revisions at Marine Ecology Progress Series.

Teaching Experience

College of William and Mary:

- Dept. of Biology, *Marine Invertebrate Biology*. Fall 2017
- Dept. of Biology, *Marine Ecology and Conservation*. Spring 2017.
- Dept. of Biology, *Integrative Biology: Animals*. Fall 2014, 2016.
- Dept. of Biology, *Marine Ecology*, Spring 2011, 2012, 2013, 2014, 2015, 2017.
- Dept. of Biology, *Marine Ecology Laboratory*, Spring 2012, 2014.
- Dept. of Biology, *Invertebrate Biology*, Fall 2010, 2011, 2012, 2013.
- Dept. of Biology, *Marine Life History Evolution*, Fall 2009.

Randolph-Macon College:

- Dept. of Biology, *Ecology and Evolutionary Biology*, Spring 2009.
- Dept. of Biology, *Integrative Biology*. 2008-2009.

Bowdoin College:

- Dept. of Biology, *Evolution in America*. Spring 2007.
- Dept. of Biology, *Marine Larval Ecology*. Spring 2006, 2008.

University of Washington:

- Teaching Assistant, Friday Harbor Laboratories, *Marine Invertebrate Zoology*. Summer 2004.

University of North Carolina at Chapel Hill:

- Teaching Assistant, Dept. of Biology, *Human Anat. and Physiol*. 2003-2004.
- Teaching Assistant, Dept. of Marine Sciences, *Marine Biology*. Fall 2002.
- Teaching Assistant, Dept. of Biology, *Introductory Biology*. Fall 2001.
- Teaching Assistant, Dept. of Biology, *Biology of the Invertebrates*. Spring 2000, 2001, 2003.

Invited Course Lectures

Sustainability in the Chesapeake Bay, William and Mary, Fall 2017.
Marine Science Mashup, William and Mary, Fall 2017.
Solving Creative Problems, William and Mary, Spring 2017.
Marine Science Mashup, William and Mary, Fall 2016.
Sustainability in the Chesapeake Bay, William and Mary, Fall 2016.
Solving Creative Problems, William and Mary, Spring 2015.
Introduction to Molecules, Cells and Development, William and Mary, Spring 2015.

Comparative Invertebrate Embryology, Friday Harbor Laboratories, Summer 2014.
Solving Creative Problems, William and Mary, Spring 2014.
Introduction to Molecules, Cells and Development, William and Mary, Spring 2014.
Marine Biology, Villanova University, Fall 2013.
Introduction to Molecules, Cells and Development, William and Mary, Spring 2013.
Introduction to Molecules, Cells and Development, William and Mary, Spring 2012.
Ecology and Evolution, Bates College, Spring 2011.
Integrative Biology: Animals, William and Mary, Fall, 2009.
Biostatistics, Randolph-Macon College, Spring 2009.
Contemporary Biosciences, St. Mary's College, Fall 2008.
Biology of Marine Organisms, Bowdoin College, Fall 2007.
Biological Principles, Bowdoin College, Spring 2007.
Marine Biology, University of New England, Fall 2006.
Biology of Marine Organisms, Bowdoin College, Fall 2006.
Coastal Marine Life, Bowdoin College, Fall 2005.
Biology of Marine Organisms, Bowdoin College, Fall 2005.
Community and Ecosystem Ecology, Bowdoin College, Fall 2005.
Marine Invertebrate Biology, UNC. Spring 2005.
Marine Invertebrate Zoology, University of Washington. Summer 2004.
Biology of the Invertebrates, UNC. Spring 2000, 2001, 2003.
Marine Biology, UNC. Fall 2002.

Invited Seminars and Public Lectures

Bowdoin College Coastal Studies Summer Research Symposium, Brunswick, ME 2017.
William & Mary Town and Gown Lecture Series, Williamsburg, VA 2015.
William & Mary Family Weekend Featured Faculty Series, Williamsburg, VA 2015.
VIMS CBNERR Discovery Lab, Gloucester Point, VA, 2015.
Long Island University-CW Post Campus, Brookeville, NY, 2014.
Villanova University, Department of Biology, Philadelphia, PA, 2013.
University of Michigan, Cellular and Molecular Biology, Ann Arbor, MI, 2013.
Virginia Institute of Marine Science, Dept. of Biology, Gloucester Point, VA, 2012.
Bowdoin College, Coastal Studies Program, Brunswick, ME, 2011.
Bates College, Department of Biology, Lewiston, ME, 2011.
Virginia Institute of Marine Science, Eastern Shore Lab, Wachapreague, VA, 2010.
Virginia Commonwealth University, Dept. of Biology, Richmond, VA, 2010.
Monroe Scholars Seminar, College of William and Mary, Williamsburg, VA, 2009.
St. Mary's College, Department of Biology, St. Mary's City, MD, 2008.
Bowdoin College Spring Fling, Brunswick, ME, 2008.
Bowdoin College Faculty Seminar Series, Brunswick, ME, 2007.
University of New England, Biddeford, ME, 2006.
Cornerstones of Science Program, Curtis Memorial Library, Brunswick, ME, 2006.
University of Southern Maine, Portland, ME, 2006.
Bigelow Laboratory for Ocean Science, West Boothbay Harbor, ME, 2005.
University of South Carolina, Columbia, SC, 2005.
Bull City Divers, Durham, NC, 2005.
Friday Harbor Laboratories, University of Washington, Friday Harbor, WA, 2004.
Evolution and Development Group, Duke University, Durham, NC, 2002.

Book Chapters

Allen, J.D., A.M. Reitzel and W. Jaeckle. *In Press (2018)*. Asexual reproduction of marine invertebrate embryos and larvae. In *Evolutionary Ecology of Marine Invertebrate Larvae*. Edited by Reitzel, A.M., A. Heyland and T. Carrier. Oxford University Press.

Allen, J.D. and M. Pizer. 2008. Life History Analyses. Pp. 154-173 in *Ecology*. Cain,

M.L., W.D. Bowman and S.D. Hacker. Sinauer Associates, Sunderland.

Professional Meetings Attended with Published Abstracts

* indicates undergraduate coauthor **undergraduate coauthor won best presentation award

Benthic Ecology Meeting, April 2017

Richardson, E.L. and **J.D. Allen.** Effects of intra-clutch egg size variation and larval food supply on sea star development

*Schrage, K.R. and **J.D. Allen.** Hemichordates as a model system for investigating intertidal zonation in soft sediments

Society for Integrative and Comparative Biology. January 2017.

Brocco-French and **J.D. Allen. Density dependent and size specific cannibalism among juvenile echinoderms.

Klompen, A.M., *E.J. Alpert, A.J. Reft and **J.D. Allen. Do Göttes larvae feed? Culturing indirect developing polyclad flatworms.

Benthic Ecology Meeting, March 2016

*Harmon, E.A. and **J.D. Allen**. Plasticity in egg placement in response to predator cues in the intertidal mud snail, *Ilyanass obsoleta*.

*Brocco-French, K. and **J.D. Allen**. Density dependent and size specific cannibalism among juvenile echinoderms.

*Trackenberg, S.N. and **J.D. Allen**. Effects of changes in egg size and larval food supply on the development of two species of sea stars.

Developmental Biology of Sea Urchins XXIII. October 2015.

Allen, J.D., A.F. Armstrong, S.L. Ziegler and S.T. Abdel-Raheem. Environmental induction of polyembryony in echinoderms.

Society for Integrative and Comparative Biology. January 2015.

Abdel-Raheem, S.T.* and **J.D. Allen.** Developmental responses to temperature and salinity fluctuations in echinoid echinoderms. Integrative and Comparative Biology. 55 (S1): E211.

Trackenberg, S.N.*, B. Pernet and **J.D. Allen**. How do changes in offspring provisioning influence larval and juvenile development in seastars? Integrative and Comparative Biology. 55 (S1): E344.

Society for Integrative and Comparative Biology. January 2014.

Allen, J.D. and A. Esquela-Kerscher. Parasite pal: a rare occurrence of of human infection by *Gongylonema pulchrum*. Integrative and Comparative Biology. 54(S1): E236.

Benthic Ecology Meeting. March 2013.

Allen, J.D. and A.F. Armstrong. Developmental flexibility in a variable environment: lessons from sand dollars and sea urchins.

Blackburn, H.N.* and **J.D. Allen**. Maternal effects on cloning frequency, larval development and juvenile size in the seastar *Asterias forbesi*.

Smithson, M.W.* and **J.D. Allen**. Size-specific differences in predator-induced mortality in juvenile green urchins.

Ziegler, S.L.* and **J.D. Allen**. Developmental responses to multiple stressors in echinoid echinoderms.

Society for Integrative and Comparative Biology. January, 2013.

Allen, J.D. and A.F. Armstrong. Developmental flexibility in a variable environment: lessons from sand dollars and sea urchins. Integrative and Comparative Biology. 53 (S1): E4.

Armstrong, A.F., H.N. Blackburn* and **J.D. Allen**. Delay of hatching in the sand dollar *Echinarachnius parma* in response to reduced salinity. Integrative and Comparative Biology. 53 (S1): E7.

Blackburn, H.N.* and **J.D. Allen**. Maternal effects on cloning frequency, larval development and juvenile size in the seastar *Asterias forbesi*. Integrative and Comparative Biology. 53 (S1): E18.

Benthic Ecology Meeting. March, 2012.

Blackburn, H.N.** and **J.D. Allen**. The effect of maternal investment on cloning frequency in the seastar *Asterias forbesi*.

Hoolihan, K.S. and **J.D. Allen**. Developmental plasticity in response to native and invasive species in the mud snail, *Ilyanassa obsoleta*.

Salyers, J.M.* and **J.D. Allen**. Adventures in juvenile sea urchin ecology.

Schwab, D.B.* and **J.D. Allen**. Maternal effects on reproduction and development in the mud snail, *Ilyanassa obsoleta*.

White, C.F.* and **J.D. Allen**. Embryo protection in *Nucella lapillus*: encapsulation or aggregation?

Society for Integrative and Comparative Biology. January, 2012.

Salyers, J.M.* and **J.D. Allen**. Adventures in juvenile sea urchin ecology. Integrative and Comparative Biology. 52 (S1): E323.

Schwab, D.B.* and **J.D. Allen**. Maternal size effects on reproduction and development in the mud snail, *Ilyanassa obsoleta*. Integrative and Comparative Biology. 52 (S1): E155.

Society for Integrative and Comparative Biology. January, 2011.

Armstrong, A.F.** and **J.D. Allen**. Environmentally induced twinning in echinoderm embryos and its effects on larval development. Integrative and Comparative Biology. 51 (S1): E161.

Schwab, D.B.* and **J.D. Allen**. The effect of maternal size on egg deposition in the mudsnail, *Ilyanassa obsoleta*. Integrative and Comparative Biology. 51 (S1): E249.

White, C.F.* and **J.D. Allen**. The effect of egg capsule clustering on embryonic survival in the dogwhelk *Nucella lapillus*. Integrative and Comparative Biology. 51 (S1): E266.

Society for Integrative and Comparative Biology. January, 2010.

Vaughn, D. and **J.D. Allen**. The peril of the plankton. Integrative and Comparative Biology. 50 (S1): E181.

Santoni, A.M.* and **J.D. Allen**. Predator induced plasticity in maternal investment of the mud snail *Ilyanassa obsoleta*. Integrative and Comparative Biology. 50 (S1): E290.

Dixon, J.M.* and **J.D. Allen**. The role of encapsulation in the marine gastropod *Nucella lapillus*. Integrative and Comparative Biology. 50 (S1): E223.

Society for Integrative and Comparative Biology. January, 2009.

Allen, J.D. Predator-induced changes in maternal investment in an intertidal snail. Integrative and Comparative Biology. 49 (S1): E3.

Society for Integrative and Comparative Biology. January, 2008.

Alcorn, N.** and **Allen, J.D.** How do changes in parental investment influence larval development in Gulf of Maine echinoids?

Allen, J.D. Measuring the palatability of marine invertebrate embryos in the field.

7th Larval Biology Meeting. August, 2006.

Allen, J.D. Effects of egg size reductions on development time and juvenile size in four species of echinoid echinoderms.

12th International Echinoderm Conference. August, 2006.

Allen, J.D., and R.D. Podolsky. Uncommon diversity in developmental mode and larval form in the genus *Macrophiothrix*.

Benthic Ecology Meeting. March, 2006.

Allen, J.D. and J.S. McAlister. Measuring planktonic and benthic predation rates on marine invertebrate larvae in the field.

Society for Integrative and Comparative Biology. January, 2006.

Allen, J.D. and J.S. McAlister. 2006. Testing rates of planktonic versus benthic predation in the field. Integrative and Comparative Biology. 45 (6): 956.

Society for Integrative and Comparative Biology. January, 2005.

Allen, J.D., C. Zakas*, and R.D. Podolsky. 2005. Testing the consequences of an egg size reduction for a species with facultatively feeding larvae. Integrative and Comparative Biology. 44 (6): 514.

Podolsky, R.D. and **J.D. Allen**. 2005. Egg size and the evolutionary transition to non-feeding development in *Macrophiothrix* brittlestars. Integrative and Comparative Biology. 44 (6): 623.

Society for Integrative and Comparative Biology. January, 2004.

Allen, J.D. 2004. Is bigger better? Testing the consequences of changes in egg size on larval predation rates. Integrative and Comparative Biology. 43(6): 1081.

North American Echinoderm Conference. August, 2001.

Allen, J.D. 2001. Testing the costs of small egg size in echinoderms. Gulf of Mexico Science. 19(2): 177-178.

Society for Integrative and Comparative Biology. January, 1999.

Allen, J.D. 1999. The effects of egg size on predation rates of sand dollar, *Dendraster excentricus*, larvae. American Zoologist. 39(5): 30A.

Professional Societies

American Society of Naturalists; Ecological Society of America: Marine Technology Society; Sigma Xi; Society for Integrative and Comparative Biology; Society for the Study of Evolution

Mentorship Activities

Undergraduate Honors Thesis Students

Kharis Schrage, College of William and Mary, 2016-2017.
Emily Harmon, College of William and Mary, 2015-2016.
Stacy Trackenberg, College of William and Mary, 2015-2016.
Salma Abdel-Raheem, College of William and Mary. 2014-2015.
Holly Blackburn, College of William and Mary. 2012-2013.
Daniel Schwab, College of William and Mary. 2011-2012.
Frances Armstrong, College of William and Mary. 2010-2011.
Connor White, College of William and Mary. 2010-2011.
Amanda Santoni, Randolph-Macon College. 2009-2010.
Nicholas Alcorn, Bowdoin College. 2007-2008.
Christina Zakas, UNC. 2003-2004.

Research Students (limited to credit-earning students)

College of William and Mary

Five undergraduate students. 2017-2018.
Six undergradauate students. 2016-2017.
Six undergraduate students. 2015-2016.
Eight undergraduate students. 2014-2015.
Eight undergraduate students. 2013-2014.
Seven undergraduate students. 2012-2013.
Five undergraduate students. 2011-2012
Four undergraduate students. 2010-2011.
Three undergraduate students. 2009-2010.
News stories related to undergraduate research:
http://tinyurl.com/ycomw876
http://tinyurl.com/y7lgymdv
http://tinyurl.com/gtslraz
http://tinyurl.com/jo3698g
http://tinyurl.com/zowylg5
http://tinyurl.com/jrzqghq
http://tinyurl.com/jpzg4zh

Randolph-Macon College
Three undergraduate students. 2008-2009.
Bowdoin College
Two undergraduate students. 2007-2008.
Three undergraduate students and one laboratory instructor. 2006-2007.
Two undergraduate students. 2005-2006.
Interview about these research experiences:
http://www.bowdoin.edu/news/archives/summerresearch/003303.shtml
University of North Carolina
Four undergraduate students and one highschool student. 2003-2004.
Outside Thesis Examiner (Undergraduate)
Swarthmore College. 2008.
Bates College (2 students). 2007.
Masters Theses
Emily Richardson Expected 2018 (Thesis advisor)
Maureen Farrell 2015 (Committee member)
Angela Zappalla 2015 (Committee member)
Kelly Hoolihan 2012 (Thesis advisor)

Leadership Activities

Ad hoc reviewer for NSF Biological Oceanography Program. Fall 2017.
Panel reviewer for NSF Division of Environmental Biology. Fall 2017.
Ad hoc reviewer for NSF Biological Oceanography Program. Spring 2017.
Panel reviewer for NSF Division of Environmental Biology. Fall 2016.
Reviewer for Sigma Xi Grants in Aid of Research Program. Fall 2015.
Ad hoc reviewer for NSF Division of Integrative Organismal Systems. Fall 2015.
Ad hoc reviewer for NSF Biological Oceanography Program. Spring 2015.
Ad hoc reviewer for Paris Sciences et Letters Research University. Spring 2015.
Judge for Sigma Xi Student Research Showcase. Spring 2014, 2015.
Interim Co-Director of the Marine Science Minor Program, College of William and Mary. 2012-2013.
Society of Integrative and Comparative Biology:
Secretary, Division of Invertebrate Zoology, 2013-2016 .
Chair, Membership Committee. 2012-2015.
Reviewer and Member, Student Support Committee. 2013-2016.
Invited participant in the symposium 'Evolutionary Transitions in Marine Invertebrate Larval Forms' at Colgate University. Summer 2010.
Ad hoc reviewer for NSF Division of Environmental Biology. Spring 2011.
Panel reviewer for NSF Division of Environmental Biology. Spring 2010.
Ad hoc reviewer for NSF Biological Oceanography Program. Spring 2009.
Chaired Larval Ecology session at annual meeting of Society of Integrative and Comparative Biology. Winter 2009
Acting Director of the Bowdoin College Marine Laboratory. 2007-2008.
Organized and funded the symposium, *The State of Marine Ecology in Maine* at Bowdoin, with invited talks by 20 PI's from 17 institutions. Spring 2008.
Website: http://www.bowdoin.edu/news/archives/1bowdoincampus/005132.shtml
Ad hoc reviewer for Maryland Sea Grant Program. Spring 2008.
Panel reviewer for New Hampshire Sea Grant Program. Fall 2007.
Organized and funded the symposium, *The State of Marine Ecology in Maine* at Bowdoin, with invited talks by 17 PI's from 10 institutions. Spring 2006.
Website: http://academic.bowdoin.edu/biology/symposia/marine-ecology-maine/
Co-chair of Larval Ecology session at annual meeting of Society for Integrative and Comparative Biology. Winter 2006.

Reviewer for *Acta Astronautica*, *American Journal of Tropical Medicine and Hygiene*, *Aquatic Biology*, *Biological Bulletin*, *Coral Reefs*, *Diversity*, *Ecological Engineering*, *Evolution and Development*, *Functional Ecology*, *Invertebrate Biology*, *Journal of Animal Ecology*, *Journal of Experimental Marine Biology and Ecology*, *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, *Journal of Insect Science*, *Journal of Plankton Research*, *Marine Biology*, *Marine Ecology Progress Series*, *Methods in Ecology and Evolution*, *PLoS One* and *Zoological Science*.