

Curriculum Vita

BRIAN REED SILLIMAN

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EDUCATION

- 2004 Brown University, Ph.D., Ecology and Evolutionary Biology.
Advisor: Dr. Mark Bertness
- 1999 University of Virginia, M.S., Environmental Science.
Advisor: Dr. Jay Zieman
- 1995 University of Virginia, B.A., *Highest Distinction*.
Environmental Science and History; Philosophy concentration.
Advisors: Dr. Jay Zieman, Dr. Julian Bond

ACADEMIC POSITIONS

- 2013-present Rachel Carson Associate Professor of Marine Conservation Biology,
Division of Marine Science and Conservation, Duke University
- 2012-2013 Associate Professor, Department of Biology, University of Florida.
- 2011-2013 Director, Sea Horse Key Marine Laboratory, University of Florida.
- 2005-2012 Assistant Professor, Department of Biology, University of Florida.
- 2005-present Research Fellow, Center for Advanced Studies in Ecology and Biodiversity,
Catholic University, Santiago, Chile.
- 2010-2011 Visiting Professor, Royal Netherlands Society of Arts and Sciences.
- 1998-2005 Instructor, Biology Department, University of Virginia.
- 2004-2005 David H. Smith Conservation Post-Doctoral Fellow, The Nature Conservancy
Advisors: Dr. Peter Karieva (TNC); Dr. Emmett Duffy (William and Mary)
- 2003-2004 Visiting Scientist, Bell-Buruch Marine Laboratories, University of South Carolina
- 1996-1998 Graduate Academic Advisor, Assistant to Dean, University of Virginia.

FELLOWSHIPS

- 2007 Visiting Research Fellow, Edith Cowan University, Perth Australia.
- 2004-2006 David H. Smith Conservation Fellow, The Nature Conservancy.
- 2003 University Fellow, Brown University.
- 2000-2003 EPA STAR Fellow, Environmental Protection Agency.
- 2000-2003 NERRS Fellow, National Oceanic and Atmospheric Administration.
- 1997 Dupont Fellow, University of Virginia.

TEACHING AWARDS

- 1999 All-University, Seven Society Outstanding Teaching Award, University of Virginia.

RESEARCH AWARDS and HONORS

- 2011 NSF CAREER Grant Award.
- 2010 Visiting Professor, Royal Netherlands Society of Arts and Sciences.
- 2009 Top Performer, Alan T. Waterman Award, National Science Foundation.
- 2007 Young Investigator Grant Award, Andrew Mellon Foundation.
- 2006 Young Investigator Award, American Society of Naturalists.
- 2003 Walter B. Jones Award for Excellence in Marine Graduate Study, National Oceanic and Atmospheric Administration
- 1999 Dean's Award for Outstanding Leadership and Service, University of Virginia.
- 1999 Raven Society, University of Virginia Honor Society.
- 1999 Omicron Delta Kappa – National Leadership Honor Society.
- 1998 Odum Ecological Research Award, University of Virginia.

KEYNOTE TALKS

- 2011 Graduate Student Association Invited Speaker, Florida International University, Department of Biology, Miami, Fl.
- 2009 Graduate Student Association Invited Speaker, Moss Landing Marine Laboratories, Moss Landing, California.
- 2008 Keynote Speaker: IX International Symposium on Littorinid Biology and Evolution. Vigo, Spain.
- 2007 Distinguished Speaker, Young Investigator Seminar Series, Department of Fisheries, University of Washington.
- 2006 Distinguished Lecturer, University of Toronto, Biology Department, Guest Lecturer for largest Biology class in North America: 2500 students
- 2005 Graduate Student Association Invited Speaker, University of South Carolina, Department of Marine Sciences and Biology joint speaker, Columbia, South Carolina.

ADMINISTRATIVE ACCOMPLISHMENTS

- 2012 Co-Founder, Interdisciplinary Major in Marine Science, University of Florida
- 2012 Re-organized Sea Horse Key Marine Laboratory by orchestrating new partnership with Institute of Agricultural and Life Science, University of Florida, Santa Fe College and the Stolarz Foundation. Established an endowed post-doctoral fellowship for the lab, and the *Summer at Sea Horse Key* undergraduate field-course series. These actions saved the lab from certain closure and have propelled it to a regional leader in field-based marine education and coastal conservation and outreach.
- 2008 Founder, University of Florida Marine Biological Symposium, now the North Florida Marine Biological Symposium.
- 2008 Faculty Founder, University of Florida Marine Biology Club, over 300 members

GRANTS
(Total- \$3,390,000)

Current:

- 2012-2015 National Oceanic and Atmospheric Association. "Top-down impacts, movement and feeding patterns of invasive hogs in southern salt marshes." \$60,000. B. R. Silliman and M. Hensel.
- 2012-2018 NSF, LTER, "Coastal Landscapes and Climate Change." Georgia Coast Reserve-Long Term Ecological Research Site. \$6,200,000. S. Pennings and 10 other co-PI's including B. R. Silliman (proportion of grant received \$190,540).
- 2011-2016 NSF, Biological Oceanography. "CAREER: Small grazers, multiple stressors, and the proliferation of fungal disease in marine plant ecosystems." B. R. Silliman. \$805,797.
- 2010-2014 NSF, Biological Oceanography. "Are blue crab declines leading to a trophic cascade and massive loss of U.S. southern marshes?" B. R. Silliman. \$196,081.
- 2010-2013 National Oceanic and Atmospheric Association. "Alligators as Apex Marine Predators." \$60,000. B. R. Silliman and J. Nifong.

Past:

- 2012 NSF, Biological Oceanography, REU Supplemental grant. "Crab diversity effects on marsh plant production." \$8,900 B. R. Silliman.
- 2010-2012 Florida Institute of Oceanography/ BP. "Biodegradation of the Deepwater Horizon oil in Florida marsh ecosystems and exploration of novel passive remediation strategies." A. Zimmerman and B. R. Silliman. \$198,324.
- 2011 NSF, Biological Oceanography, REU Supplemental grant. "Crab diversity effects on marsh plant production." \$11,200 B. R. Silliman.
- 2011 Disney Conservation Grants, Incorporating Positive Interactions into Coral Reef Restoration. \$25,000. B. R. Silliman and J. Griffin.
- 2010 Royal Netherlands Academy of Arts and Sciences. \$42,000. B. R. Silliman.
- 2010 University of Florida, Travel Grant - AAAS Meetings. \$350. B. R. Silliman.
- 2010 University of Florida, University Scholars Program. \$2500. K. Braun and B.R. Silliman.

- 2010 University of Florida, University Scholars Program. \$2500. E. Monaco and B.R. Silliman.
- 2009 University of Florida, Department of Biology, Singer Seed Grant, “Alligators as Apex Predators in a Marine Ecosystem. \$3,000. B. R. Silliman.
- 2009 Florida Sea Grant, Newell Seminar Series Special Guest Lecturer – Dr. Jim Estes. \$1,400. B. R. Silliman.
- 2009-2012 NOAA. “Crab herbivory and drought interact to cause die-off in southern salt marshes.” \$60,000. B. R. Silliman and S. von Montfrans.
- 2009 University of Florida, University Scholars Program. \$2500. M. Hensel and B.R. Silliman.
- 2008 NSF, REU Supplemental grant. “Crab Herbivory and the Structure of Southwestern Atlantic Salt Marsh Plant Communities.” \$14,200 B. R. Silliman.
- 2008 Florida Sea Grant, Newell Seminar Series Special Guest Lecturer – Dr. Peter Mumby. \$1,750. B. R. Silliman.
- 2008 The Nature Conservancy, Conservation Think Tank. \$10,000. B. R. Silliman.
- 2007-2012 Andrew Mellon Foundation, Young Investigator Grant, “Impacts of grazer-facilitated plant disease and physical stress on the structure of plant-dominated coastal ecosystems.” \$300,000. B. R. Silliman.
- 2007 Southeastern Alliance for Graduate Education Program, University of Florida, “Mangrove Range Limitations as assessed by GIS.” \$50,000. B. R. Silliman and L. Fatoyinbo.
- 2007-2010 Southeastern Alliance for Graduate Education Program, University of Florida, “Genetic Connectivity of Caribbean intertidal communities.” \$75,000. B. R. Silliman and Edgardo Diaz-Ferguson.
- 2007 Southeastern Alliance for Graduate Education Program, University of Florida, “Crab mediation of plant competition in South American marshes.” \$25,000. B. R. Silliman and P. Daleo.
- 2007 Mount Desert Island Biological Station, Young Investigator Award. \$5,000. B. R. Silliman.

- 2006-2010 NSF, Ecology, “Collaborative Research: Crab Herbivory and the Structure of Southwestern Atlantic Salt Marsh Plant Communities.” \$262,000. Bertness, M. D. and B. R. Silliman (proportion of grant received \$101,000).
- 2006-2012 NSF, LTER panel, “Coastal Landscapes and Climate Change.” Georgia Coast Reserve-Long Term Ecological Research Site. \$6,200,000. S. Pennings and 10 other co-PI’s including B. R. Silliman (proportion of grant received \$168,540).
- 2006 Danish National Science Foundation. *Gracilaria vermiculophylla*: a new threat to marine ecosystems. \$69,250. Thomsen, M. D. and B. R. Silliman.
- 2005 University of Florida, Opportunity Fund Grant, “Top-down control in Argentine Marsh Plant Communities.” \$30,700. Silliman, B.R.
- 2005 Danish National Science Foundation. *Gracilaria vermiculophylla*: a new threat to marine ecosystems. \$53,330. Thomsen, M. D. and B. R. Silliman.
- 2004 The Nature Conservancy, “Do consumers and drought stress interact to cause die off of southern salt marshes?” \$120,000. Silliman, B. R.
- 2004-2006 Georgia Sea Grant, “Top-down and bottom-up forces interact to cause massive die-off of southern salt marshes.” \$121,385. Silliman, B. R. and M. D. Bertness.
- 2002 NSF, Dissertation Improvement Grant, Division of Environmental Biology, “A mechanistic understanding of periwinkle grazing on and control of live *Spartina alterniflora*: implications for top-down control of community structure in southern salt marshes.” \$4,125. Silliman, B. R. and M. D. Bertness.
- 2000-2006 NSF, Biological Oceanography, “Top-down control of primary production in East Coast Salt Marshes.” National Science Foundation: Biological Oceanography/Ecology \$451,723. Bertness, M. D. and B. R. Silliman.
- 2000-2003 National Oceanic and Atmospheric Administration, “Relative effects of predation and Nitrogen enrichment on the community structure of New England salt marshes.” \$80,000. Silliman, B. R. and M. D. Bertness.
- 2000-2003 Environmental Protection Agency, “Top-down versus bottom-up control of community structure in New England salt marshes.” \$102,000. Silliman, B. R. and M. D. Bertness.
- 1999-2001 New Jersey Sea Grant: Marsh Ecology Research Program. “Grazing impacts of the coffee bean snail in New England salt marshes.” \$15,000. Silliman, B. R. and M. D. Bertness.

STUDENT FELLOWSHIPS

graduate student*; undergraduate student**

2013-2016	Schrack, Liz*, NSF, Graduate Research Fellowship.
2012-2015	Hensel, M.* NOAA-NERRS, Graduate Research Fellowship.
2011-2012	Diller, Jessica**, NSF, Graduate Research Fellowship.
2010-2013	Holdredge, C.* NSF, Graduate Research Fellowship.
2010-2013	Nifong, J.* NOAA-NERRS, Graduate Research Fellowship.
2010-2012	McNulty, R.** NOAA, Hollings Undergraduate Fellowship.
2009-2012	van Montfrans, S.* NOAA-NERRS, Graduate Research Fellowship.
2009-2012	Bohrman, T.* NSF, Graduate Research Fellowship.
2009-2011	Kennedy, C.* SEA GRANT, Graduate Research Fellowship.

BOOKS

Bertness, M. D., J. Bruno, B.R. Silliman, and J.J. Stachowicz. 2013. Marine Community Ecology and Conservation. Sinauer Press.

Silliman, B. R., T. Grosholtz, and M. D. Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.

BOOK REVIEWS

Griffin, J. and B. R. Silliman. 2012. Enclosed Experimental Ecosystems and Scale: Tools for Understanding and Managing Coastal Ecosystems. **The Quarterly Review of Biology**.

Griffin, J. and B. R. Silliman. 2009. Encyclopedia of Tidepools and Rocky Shores. M. Denny and S. Gaines (eds). **Journal of Experimental Biology and Ecology**.

BOOK CHAPTERS

1. Bertness, M. D. and B. R. Silliman. 2013. Salt marsh communities. in Bertness, M. D., J. Bruno, B. R. Silliman, and J.J. Stachowicz. Marine Community Ecology and Conservation. Sinauer Press.
2. Silliman, B. R. 2013. "Salt Marshes Under Global Siege". In Coastal Marine Conservation: Science and Policy. G.C. Ray and J. McCormick-Ray. Wiley, John and Sons Inc.

3. van Wesenbeeck, B. K., J. N. Griffin, M. van Koningsveld, K.B. Gedan, M. W. McCoy, B. R. Silliman. 2012. "Nature-based coastal defenses: can biodiversity help?" in P. Kareiva and S. Levin, editors. Encyclopedia of Biodiversity. Elsevier.
4. McCoy, M. W., A. H. Altieri, C. Holdredge, M. S. Thomsen, and B. R. Silliman. 2012. "Facilitation" in Alan Hastings and Louis Gross editors, Sourcebook in Theoretical Ecology. Elsevier.
5. Pennings, S. C., M. Alber, C. R. Alexander, M. Booth, A. Burd, W.-J. Cai, C. Craft, C. B. DePratter, D. Di Iorio, C. Hopkinson, S. B. Joye, C. D. Meile, W. S. Moore, B. Silliman, V. Thompson, J. P. Wares. South Atlantic Tidal Wetlands. 2012. Pages 45-61 in A. Baldwin and D. Batzer (eds.), Wetland Habitats of North America: Ecology and Conservation Concerns. University of California Press.
6. Barbier, E.B., Hacker, S.D., Koch, E.W., Stier, A. and Silliman, B. 2012. "Estuarine and Coastal Ecosystems and their Services." Chapter 6 in M. van den Belt and R. Costanza (eds.), *Volume 12: Ecological Economics of Estuaries and Coasts* in the *Treatise on Estuarine and Coastal Science*, 1st ed. (Series eds., E. Wolanski, and D. McLusky), Academic Press, Waltham, MA, pp. 109-124.
7. Silliman, B. R., M. D. Bertness and M. Thomsen. "Top-down control and human intensification of consumer pressure in U.S. southern salt marshes." in B. R. Silliman, T. Grosholz, and M. D. Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.
8. Silliman, B. R., T. Grosholz, and M. D. Bertness. "Salt marshes under global siege." in B. R. Silliman, T. Grosholz, and M. D. Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.
9. Silliman, B. R., T. Grosholz, and M. D. Bertness. "An introduction to human impacts on salt marshes: Are marshes at risk?" in B. R. Silliman, T. Grosholz, and M. D. Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.
10. Bertness, M. D., B. R. Silliman, C. Holdredge. "Shoreline development and the future of New England salt marsh landscapes." in B. R. Silliman, T. Grosholz, and M. D. Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.
11. Thomsen M.*, S., P. Adams, and B. R. Silliman. "Anthropogenic threats to Australasian coastal salt marshes." in B. R. Silliman, T. Grosholz, and M. D. Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.
12. Broomberg, K.** and B. R. Silliman. "Patterns of salt marsh loss within coastal regions of North America: pre-settlement to present." in B. R. Silliman, T. Grosholz, and M. D.

Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.

13. Osgood, D., and B. R. Silliman. "From climate change to snails: potential causes of salt marsh die-back along the U.S. Eastern Seaboard and Gulf Coasts." in B. R. Silliman, T. Grosholz, and M. D. Bertness, editors. 2009. Human Impacts on Salt Marshes: A Global Perspective. University of California Press.

REFEERED PUBLICATIONS

Silliman mentored *post-doc, ** graduate student, or *** undergraduate student,

In Press:

1. Angelini, C.** and B. R. Silliman. *In press*. Secondary foundation species as drivers of species abundance and trophic diversity: evidence from a tree-epiphyte system. **Ecology**.
2. Christianen, M. J. A., P. M. J. Herman, T. J. Bouma, L. P.M. Lamers, M. M. van Katwijk, T. van der Heide, P. J. Mumby, B. R. Silliman, S. L. Engelhard, M. van de Kerk, W. Kiswara, J. van de Koppel. *In press*. Overgrazing and Habitat Collapse Threaten Turtle and Whale-Ecosystem Conservation in Marine Protected Areas. **Proceedings of the Royal Society B**.
3. Thomsen, M. S., T. Wernberg, J. D. Olden, J. E. Byers, J. F. Bruno, B. R. Silliman, D. R. Schiel. *In press*. Impacts of marine invaders on local communities depend on trophic interactions and functional similarity. **Marine Ecology Progress Series**.
4. Thomsen, M. S., T. Wernberg, J. D. Olden, J. E. Byers, J. F. Bruno, B. R. Silliman, D. R. Schiel. *In press*. Forty years of experiments on invasive species: are biases limiting our understanding of impacts? **Neobiota**.
5. J. Nifong** and B. R. Silliman. *In Press*. Animal-borne imaging reveals novel insights into the foraging behaviors and diel activity of a large-bodied apex predator, the American alligator (*Alligator mississippiensis*). **PLOS ONE**.

1. Silliman, B. R. , M. McCoy*, C. Angelini**, B. Holt, J. Griffin*, and J. von de Koppel. 2013. Consumer fronts, global change and runaway collapse in ecosystems. **Annual Review of Ecology, Evolution, and Systematics** 44: 503-538.
2. Hensel, M. J. S.** and B. R. Silliman. 2013. Cross-kingdom consumer diversity enhances multifunctionality of a coastal ecosystem. **Proceedings of the National Academy of Science** doi/10.1073/pnas.1312317110.
3. Silliman, B. R., M. McCoy*, G. Trussel, P Ewanchuk, C. Crain, and M. Bertness. 2013. Non-linear interactions between consumers and flow regulate thresholds and community development on Maine rocky shores. **PLOS ONE** 8(8): e67625. doi:10.1371/journal.pone.0067625.
4. Cheong, S. M., B. R. Silliman, P. P. Wong, B. Wesienback, C.K. Kim, and G. Guannel. 2013. Coastal Adaptation with Ecological Engineering. **Nature Climate Change** 3, 787–791.
5. N. Mahmoudi, N., T. Porter, A. Zimmerman, R Fulthopre, G Kasozi, G. Slater and B. R. Silliman. 2013. Rapid degradation of Deepwater Horizon spilled oil by indigenous microbial communities in Louisiana salt marsh sediments. **Environmental Science and Technology** 23: 13303-13312.
6. Rosenblatt, AE, Heithaus, MR, Mather, ME, Matich, P, Nifong, JC, Ripple, WJ, Silliman, BR. 2013. The roles of large top predators in coastal ecosystems: new insights from Long-Term Ecological Research. **Oceanography** 26(3), 2013: 156-167.
7. Nifong, J. **, R. H. Lowers, B. R. Silliman, K. Abernathy and G. Marshall. 2013. Attachment and deployment of remote video/audio recording devices (Critttercam) on wild American alligators (*Alligator mississippiensis* Duadin 1801). **Herpetological Review** 44(2), 243–247.
8. Nifong, J.** and B. R. Silliman. 2013. Impacts of a large-bodied, apex predator on salt marsh food webs. **Journal of Experimental Marine Biology and Ecology** 440:185-191.
9. Pimiento, C.** , E. Monaco***, A. Barbour, and B. R. Silliman. 2013. Predation on speared lionfish *Pterois volitans* by spotted moray *Gymnothorax moringa*. **Florida Scientist** 76(3-4): 391-394.
10. Pimiento, C. **, J. Nifong**, M. Hunter, E. Diaz-Ferguson, and B. R. Silliman. Habitat use of the invasive lionfish *Pterois volitans*: a comparison between mangrove and reef systems in San Salvador, Bahamas. **Marine Ecology** doi: 10.1111/maec.12114.

11. Silliman, B. R., J. Diller***, M. McCoy*, K. Earl***, P. Adams, J. von de Koppel, and A. Zimmerman. 2012. Degradation and resilience in Louisiana salt marshes following the BP-DHW oil spill. **Proceedings of the National Academy of Sciences** doi: 10.1073/pnas.1204922109
- Featured on national NBC nightly news by Anne Thompson, Lead. Environ. Correspondent.
 - Featured on PRI's (with host Bruce Gellerman) Living on Earth in 15 minute interview with B. Silliman
 - Featured on New Orleans Fox8 nightly news
 - Subject of an article in *Science News*
 - Subject of an article in The NYTIMES
 - Subject of an article in The Washington Post by Brian Vastag
 - Subject of an article in The Charlotte Observer
 - Subject of an article in Boston Globe
 - Subject of an article in Business Week by Elizabeth Lopatto
12. Tjisse, H., L. L. Govers, J. de Fouw, H. Oloff, M. van der Geest Marieke, M. van Katwijk, T. Piersma, J. van de Koppel, B. R. Silliman, A. P. Smolders, and J. A. van Gils. 2012. Three-stage symbioses forms the foundation of seagrass ecosystems. **Science** 319: 321-323.
13. Angelini, C.** , and B. R. Silliman. 2012. Scale-dependent recovery after massive disturbance in a coastal marine ecosystem. **Ecology** 93:101-110.
14. Thomsen, M.S.* , T. Wernberg , H. Engelen, F. Tuya, M. Vanderklift, M. Holmer, K. McGlathery, F. Arenas, J. Kotta, B.R. Silliman. 2012. A meta-analysis of seaweed impacts on seagrasses: generalities and knowledge gaps. **PLOS ONE** 7(1): e28595. doi:10.1371/journal.pone.0028595
15. Tallis, H. Lester, S.E., Ruckelshaus, M., Plummer, M., McLeod, K., Guerry, A., Andelman, S., Caldwell, M., Conte, M., Copps, S., Fox, D., Fujita, R., Gaines, S.D., Gelfenbaum, G., Gold, B., Kareiva, P., Kim, C., Lee, K., Papenfus, M., Redman, S., Silliman, B., Wainger, L., White, C. 2012. New metrics for managing and sustaining the ocean's bounty. **Marine Policy** 36(1)d:303-306.
16. Silliman, B. R., and C. Holdredge. 2012. Trophic cascades across diverse plant ecosystems. **Nature Education Knowledge** 3(9):3.
17. Nifong, J. C. **, A. E. Rosenblatt, N. Johnson, W. Barichivich, B. R.Silliman, and M.R. Heithaus. 2012. American Alligator Digestion Rate of Blue Crabs and its Implications for Stomach Contents Analysis. **Copeia**. 419-423.

2011

18. Silliman, B. R., M. D. Bertness, M. C. Bazterrica, F. Hidalgo, C. M. Crain, A. Alteiri, M. V. Reyna. 2012. Whole-community facilitation regulates biodiversity on wind-swept Patagonia shorelines. **PLOS ONE** 6:e24502.

19. Angelini, C.** , A. Alteiri, B. R. Silliman, and M.D. Bertness. 2011. Interactions among foundation species underlie community organization. **BioScience** 61: 782- 789.
20. Griffin, J.* and B. R. Silliman. 2011. Predator diversity stabilizes and strengthens trophic control of a keystone grazer. **Biology Letters** 7:79-82.
21. Griffin, J.* , K. Brun***, N. Soomsdat***, J. Butler*** and B. R. Silliman. Top-predators suppress rather than facilitate plants in a trait-mediated tri-trophic cascade. 2011. **Biology Letters** 7:710-3.
22. Mcleod, E., R. Salm, M. Bjork, S. Bouillion, C. Duarte, C. Lovelock, and B. R. Silliman. 2011. A Blueprint for Blue Carbon: Towards an improved understanding of the role of vegetated coastal habitats in sequestering CO₂. **Frontiers in Ecology and the Environment** 9: 552-560.
23. Barbier, E., S. Hacker, E. Koch, A. Stier, B. R. Silliman. 2011. The Value of Estuarine and Coastal Ecosystem Services. **Ecological Monographs** 81: 169-193.

Featured on the cover of Ecological Monographs.
24. Gedan, K. B.* , M. Kirwan, E. Barbier, E. Wolinski and B. R. Silliman. 2011. The present and future role of coastal wetland vegetation in protecting shorelines: answering recent challenges to the paradigm. **Climatic Change** 106:7-29.
25. Thomsen, M. S.* , T. Wernberg, J. Olden, J. Griffin, and B. R. Silliman. 2011. A framework to study the context-dependent impacts of marine invasions. **Journal of Experimental Marine Biology and Ecology** 400: 322-327.
26. Garcia, E. A.* , M. D. Bertness, Juan Alberti** , and B. R. Silliman. 2011. Estuarine crabs regulate strong cross ecosystem impacts by ants. **Oecologia** 166: 1111-1119.
27. Thomsen, M. S.* , T. Wernberg, J. Olden, J. Griffin and B. R. Silliman. 2011. A broad framework to organize and compare invasive species impacts. **Environmental Research** 111: 899 –908.
28. Griffin, J.* , and B. R. Silliman. Resource Partitioning and why it matters. 2011. **Nature Education Knowledge** 2(1):8.
29. Díaz-Ferguson E. R.* , A. Haney* , J. P. Wares and B. R. Silliman. 2011. Genetic structure comparisons illuminate connectivity patterns in Caribbean gastropods. **Malacology** 0:1-7.

30. Altieri, A.** , B. K. van Wesenbeek, M.D. Bertness, B. R. Silliman. 2010. Facilitation cascade explains positive relationship between native biodiversity and invasion success. **Ecology** 5: 1269-1275.
31. Haney, R. A.* , B. R. Silliman and D. M. Rand. 2010. Nonneutral mitochondrial evolution in the Caribbean reef fish *Halichoeres bivittatus*. **Molecular Phylogenetics and Evolution** 57: 821-828.
32. Díaz-Ferguson, E.* , R. Haney, J. Wares, B. R. Silliman. 2010. Population genetics of a trophid gastropod broadens picture of Caribbean Sea connectivity. **PLOS ONE** 5 (9): e12675.
33. Granek, E. F. S., Polasky, C. V. Kappel, D. J. Reed, D. M. Stoms, E. W. Koch, C. J. Kennedy, L. A. Cramer, S. D. Hacker, E. B. Barbier, S. Aswani, M. Ruckelshaus, G. M. E. Perillo, B. R. Silliman, N. Muthiga, D. Bael, E. Wolanski. 2010. Ecosystem services as a common language for coastal ecosystem-based management. **Conservation Biology** 24:204-217.
34. Thomsen M. S.* , T. Wernberg, A. Altieri A, F. Tuya, D. Gulbransen, K. McGlathery, M. Holmer, B. R. Silliman. 2010. Habitat cascades: the conceptual context and global relevance of facilitation cascades via habitat formation and modification. **Integrative and Comparative Biology** 50: 158-175.
35. Holdredge, C.** , M. D. Bertness, E. V. Wettberg, B. R. Silliman. 2010. Nutrient enrichment enhances hidden differences in phenotype to drive a cryptic plant invasion. **Oikos** 119:1776-1784.
36. Alberti, J.** , A. M. Casariego, P. Daleo, E. Fanjul, B. R. Silliman, M. Bertness, and O. Iribarne. 2010. Abiotic stress mediates top-down and bottom-up control in a Southwestern Atlantic salt marsh. **Oecologia** 163:181-191.
37. Thomsen, M.S*., Wernberg, T., F. Tuya,, A., B. R. Silliman. 2010. Ecological performance and possible origin of a ubiquitous but under-studied gastropod. **Estuarine Coastal and Shelf Science** 87:501-509.
38. Barbour, A. B.** , M. L. Montgomery, A. A. Adamson, E. Díaz-Ferguson, B. R. Silliman. 2010. Mangrove Use by the Invasive Lionfish, *Pterois volitans*. **Marine Ecology Progress Series** 401: 291-294.
39. Díaz-Ferguson, E.* , J. Robinson, B. R. Silliman and J. P. Wares. 2010. Comparative Phylogeography of North American Atlantic Salt Marsh Communities. **Estuaries and Coasts** 33:828-839.

40. Farina, J., B. R. Silliman, M. D. Bertness. 2009. Can Conservation Biologists Rely on Established Community Structure Rules to Manage Novel Systems? ... Not in Salt Marshes. 2009. **Ecological Applications** 19: 413-422.

Summarized and B.R. Silliman quoted in article by Erik Stokstad in *Science* (On the Origins of Ecological Structure, 326: 33-35, 2009).

41. Gedan, B.K.** , B. R. Silliman, and M.D. Bertness. 2009. Centuries of human-driven change in salt marsh ecosystems. **Ann. Rev. Mar. Sci.** 1: 117-141.
42. Daleo P.** , B. R. Silliman, J. Alberti, A. Canepuccia, M. Escapa, A. Canepuccia, N. Pena, and O. Iribarne. 2009. Grazer facilitation of fungal infection and the control of plant growth in south western Atlantic salt marshes. **Journal of Ecology** 97:781-787.
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-Subject of an article by Charlotte Schubert in *Naturenews.com* (Snails mount attack on US wetlands, (12/17/2005).

-Subject of an article by Adrienne Appel on *National Geographic.com* (Snail armies mow down stricken marshes, 12/17/2005).

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85. Layman, C. A., A. Arrington, R., B. R. Silliman and B. Langerhans. 2004. Degree of fragmentation affects fish assemblage structure in Andros Island (Bahamas) estuaries. **Caribbean Journal of Science** 40: 232-244.

2003

86. Silliman, B. R. and S. Y. Newell. Fungal-farming in a snail. 2003. **Proceedings of the National Academy of Sciences (USA)** 100:15643-15648.
- Subject of an article by Susan Milius in *Science News* (New Farmer:Marsh Snails Plow Leaves, 12/03)
 - Subject of an article by Jon Whitfield in *Nature: Science Update* (Snails farm fungus, 12/ 2003)
 - Subject of an article by Andrew Sugden in *Science* (Molluscan Agriculture, 12/ 200)
 - Subject of an article in The Year in Science, *World Book Encyclopedia* (2004)
 - Subject of an article in *Smithsonian National Zoo Magazine*, July/August (2004)
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87. Silliman, B. R., C. A. Layman and A. Altieri. 2003. Symbiosis between an Alpheid shrimp and a Xanthid crab in salt marshes of mid-Atlantic states, U. S. A. **Journal of Crustacean Biology** 23: 876-879.

88. Silliman, B. R. and A. Bortolus. 2003. Underestimation of *Spartina* productivity in western Atlantic marshes: marsh invertebrates eat more than just detritus. **Oikos** 101: 549-554.

89. Layman, C. A., A. Arrington and B. R. Silliman. 2003. Underwater visual census provides snapshot assessment of tidal connectivity (Bahamas) 21:2-3. **Ecological Restoration**.

2002

90. Silliman, B. R. and M. D. Bertness. 2002. A Trophic Cascade Regulates Salt Marsh Primary Production. **Proceedings of the National Academy of Sciences (USA)** 99: 10500-10505.

-Topic on a weekly television show on Turner Broadcast System: Southern Coastal Culture (2004)

-Subject of an article on *DiscoveryChannel.com* (Dec. 2002)

-Subject of an article by Allen Breed, *Associated Press* (Crabbers, Scientists, struggle to find answers to a dying ecosystem, Sept. 2002). Featured by *The Sun Sentinel*, *The Providence Journal*, *The Post and Courier*, *Richmond TimeDispatch*, *Washington Times*, *Charlotte Observer*, *Atlanta Journal-Constitution*, *The Oregonian*.

91. Bertness, M. D., P. J. Ewanchuk, and B. R. Silliman. 2002. Anthropogenic modification of New England salt marsh landscapes. **Proceedings of the National Academy of Sciences (USA)** 99: 1395-1398.

92. Bertness, M. D., G. Trussell, P. J. Ewanchuk, and B. R. Silliman. 2002. Do Alternate stable states exist on Gulf of Maine rocky intertidal zone? **Ecology** 83: 3434-3448.

93. Layman, C. A. and B. R. Silliman. 2002. Preliminary survey and diet analysis of juvenile fishes of an estuarine creek on Andros Island, Bahamas. **Bulletin of Marine Science** 70: 199-210.

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94. Silliman, B. R. and J. C. Zieman. 2001. Top-down control of *Spartina alterniflora* production by periwinkle grazing in a Virginia salt marsh. **Ecology** 82: 2830-2845.

MANUSCRIPTS IN REVIEW

Silliman, B. R., T. Mozdzer, C. Angelini, J. E. Brundage, J. P. Bakker, P. Esselink, J. van de Koppel, A. H. Baldwin. *In revision* Livestock as a Biological Control Agent for an Invasive Wetland Plant. **Conservation Letters**.

Griffin, J. N., B. J. Toscano, B. D. Griffen, and B. R. Silliman. *In review*. Predator Evenness and Composition Affect Within-Guild Interactions and Trophic Functioning in a Salt Marsh. **Oecologia**.

Haney, R. A. *, B. R. Silliman, B Turner, and D. M. Rand. *In review*. A severe founder event associated with subspecies divergence in the estuarine teleost *Cyprinodon variegatus* leads to diversity loss and clinal variation along the Atlantic coastline. **Marine Ecology Progress Series**.

Soomdat, N., J. N Griffin, Marc J. Hensel, M. McCoy, and B.R. Silliman. *In revision*. Independent and combined effects of multiple predators across ontogeny of a key grazer. **Oikos**.

Rosenblatt, AE, Nifong, JC, Heithaus, MR, Mazzotti, FJ, Cherkiss, MS, Jeffery, BM, Elsey, RM, Decker, RA, Silliman, B. R., Guillette, LJ, Lowers, RH, Larson, JC. *In review*. Context dependence of individual specialization in a large "generalist" apex predator. **Journal of Animal Ecology**.

MANUSCRIPTS IN PREPARATION

Silliman, B. R. Drought-driven fishery declines trigger a trophic cascade and ecosystem die-off in salt marshes. Target Journal: *Ecology*.

Silliman, B. R. Multiple stressors, grazers and global proliferation of fungal disease in marine plant species. Target journal: *Ecology*.

Silliman, B. R. Salt Marshes. *In prep*. Current Biology.

Silliman, B. R. and J. Nifong. MPA's reveal Alligators as once-dominant top predators across diverse marine ecosystems. Target journal: *Science*.

INVITED SYNTHESIS WORKSHOPS

- 2010 Mote Marine Laboratory Symposium: Oil Spill-Induced Trophic Cascades in the Gulf: Exploring Impacts, Research Needs and Management Responses.
- 2010 BP-Horizon Oil Spill Bioremediation Technical Symposium, Pensacola FL.
- 2010 RAPID NSF BP-Horizon Oil Spill Strategic Planning and Synthesis Group Meeting, Tallahassee, FL.
- 2009 Packard Foundation and Stanford University workshop on Ecosystem Based Management: Valuing Services.
- 2007 NCEAS participant: "Measuring ecological, economic, and social values of coastal habitats to inform ecosystem-based management of land-sea interfaces."

ORGANIZED SYMPOSIA and WORKSHOPS

- 2011 Symposium co-organizer for 2011 Coasts and Estuarine Research Federation Meeting “Human Impacts on Tidal Wetlands.”
- 2011 Chair for 3rd annual UF Marine Biology Symposium at the Whitney Marine BioScience Lab, St. Augustine, Florida.
- 2010 Co-Chair for 2nd annual UF Marine Biology Symposium at the Whitney Marine BioScience Lab, St. Augustine, Florida.
- 2009 Symposium co-organizer for 2009 Estuarine Research Federation Meeting “Anthropogenic Impacts on the Health and Services of Tidal Wetlands.”
- 2009 Founder and organizer for 1st annual UF Marine Biology Symposium at the Whitney Marine BioScience Lab, St. Augustine, Florida.
- 2008 Think Tank Organizer, TNC-sponsored Conservation: *Conservation Answers*
- 2003 Symposium organizer for 2003 Ecological Society of America meeting: “Anthropogenic modification of North American salt marshes: Causes, Consequences and Recommendations.

INVITED TALKS

- 2013 Duke University, Earth and Ocean Science, Durham, NC.
- 2013 University of California-Santa Cruz, Dept. of Ecology and Evolutionary Biology
- 2012 AAAS Meetings, Vancouver, Canada.
- 2012 Duke University, Marine Lab, Beaufort, North Carolina.
- 2012 Florida Museum of Natural History, University of Florida.
- 2012 University of Florida, Whitney BioScience Laboratory, Marineland, Florida.
- 2011 University of Patagonia, Puerto Madryn, Argentina.
- 2011 CONICET, Puerto Madryn, Argentina.
- 2011 Stanford University, Hopkins Marine Lab, Pacific Grove, California.
- 2011 Netherlands Institute of Ecology (NIOO), Yerseke, Netherlands.
- 2011 Wageningen University, Wageningen, Netherlands.
- 2011 University of Tours, Institute of Biology, Tours, France.
- 2011 Florida International University, Department of Biology, Miami, Fl.
- 2011 Florida State University, Coastal and Marine Lab, St. Theresa, Florida.
- 2011 Kansas State University, Department of Biology, Kansas
- 2010 Florida International University, Marin Biology Lab, Biscayne Bay, Fl.
- 2010 UC at Santa Barbara, Department of EE&MB, Santa Barbara, California
- 2010 AAAS Meetings, San Diego, California
- 2010 Netherlands Institute of Ecology (NIOO), Yerseke, Netherlands.
- 2009 International Marine Conservation Congress, Washington DC.
- 2009 Davidson College, Department of Biology, Davidson, NC.
- 2009 Moss Landing Marine Laboratory, San Jose Cal-State University.
- 2009 University of Florida, Conservation and Wildlife Department, Gainesville, FL.
- 2009 Simon Fraser University, Department of Biology, Bradbury, Vancouver.
- 2009 North Carolina State University, Department of Biology, Raleigh, NC.
- 2008 IX International Symposium on Littorinid Biology and Evolution Vigo, Spain.
- 2008 University of Central Florida, Department of Biology, Orlando, Florida.
- 2008 University of Florida, Department of Fisheries, Gainesville, Florida.

- 2008 Society of Conservation Biology, Symposium on Ecosystem-Based Management: Integrating Economics and Ecological Approaches, Chattanooga, Tennessee.
- 2008 Hawaii Institute of Marine Biology, Oahu, Hawaii.
- 2007 National Center for Ecological Analysis, Santa Barbara, California.
- 2007 University of Washington, Department of Fisheries, Seattle, Washington.
- 2007 Edith Cowan University, School of Natural Resources, Perth, Australia.
- 2007 U. C. Davis, Bodega Bay Marine Lab, Bodega Bay, California.
- 2007 The Nature Conservancy, Marine Initiative Meeting, Apalachicola, Florida.
- 2007 University of South Alabama, Daulphin Island Marine Lab, Mobile, Alabama.
- 2006 Yale University, Department of Ecology and Evolutionary Biology, New Haven, Connecticut.
- 2006 Dutch Institute of Marine Sciences, Goes, The Netherlands.
- 2006 University of Wisconsin, Institute of Limnology, Madison, Wisconsin.
- 2006 University of Toronto, Department of Biology, Toronto, Canada.
- 2006 University of Toronto, Biology Department, Distinguished Lecturer in Intro Biology Class of 2000 students.
- 2006 University of Florida, Whitney BioScience Laboratory – Institutes’s weekly seminar, Marineland, Florida.
- 2006 University of Florida, Whitney BioScience Laboratory – Community Outreach monthly seminar, Marineland, Florida.
- 2006 Cornell University, Department of Ecology and Evolutionary Biology, Ithaca, New York.
- 2006 American Society of Naturalists, Young Investigator Prize Seminar, International Meeting, Stony Brook, New York.
- 2006 Hofstra University, Department of Biology, New York, New York.
- 2006 University of Chicago, Department of Ecology and Evolutionary Biology, Chicago, Illinois.
- 2005 University of Mar del Plata, Department of Biology, Mar del Plata, Argentina.
- 2005 University of Florida, Department of Botany, Gainesville, Florida.
- 2005 University of South Carolina, Department of Marine Sciences and Biology joint speaker, Columbia, South Carolina (Invited Speaker of Graduate Students).
- 2004 University of Alabama, Department of Biology, Tuscolusa, Alabama.
- 2004 College of William and Mary, Virginia Institute of Marine Sciences, Williamsburg, Virginia.
- 2004 Georgia Tech University, Department of Environmental Sciences, Atlanta, Georgia.
- 2004 South Hampton College, Department of Biology, New York.
- 2003 University of Patagonia, Puerto Madryn, Department of Biology, Argentina.
- 2003 Catholic University, Santiago, Chile

RECENTLY CONTRIBUTED ABSTRACTS

Silliman mentored *post-doc, ** graduate student, or *** undergraduate student as lead author

2013

- Silliman, B. R., Holdredge, C., Nifong, J. C., van Montfrans, S. 2013. Spatially-dependent recruitment drive predictable, regional patterns in the intensity of top-down control. GCE-LTER Annual Meeting, Athens, GA. Poster.
- Buhler, S.***, J. N. Griffin, B. J. Toscano, B. D. Griffen, and B. R. Silliman. 2013. Species evenness and composition uniquely affect functioning of a predator guild. UF Marine Biology Symposium.
- Atkins, R.***, Griffin, J.N., Angelini, C. and Silliman, B.R. Impacts of grazer size and density on decomposition and grazing intensity. Marine Biology Symposium, Whitney Lab, St. Augustine, FL, January 17, 2012
- Schrack, E.C.**, and B.R. Silliman. 2013. Consumer facilitation of disease in foundation species is common but overlooked in marine ecosystems. University of Florida Marine Biology Symposium, Marineland, FL.
- Briggs KL*, Angelini C. Silliman, BR. 2013. Fallen epiphytes accelerate litter decomposition in oak savannas. UF Marine Biology Symposium. Marineland, FL.
- Fuchs C*, Angelini C, and Silliman BR. 2013. Removing sampling artifacts in diversity analyses: an example from tree-epiphyte-arthropod communities. UF Marine Biology Symposium. Marineland, FL.
- Mulvey J*, Angelini C., and Silliman BR. 2013. Spanish moss diffuses intensity of predator: prey interactions in southeastern US coastal savannas. UF Marine Biology Symposium. Marineland, FL.
- Angelini C.**, Griffin JN, van de Koppel J, Silliman, BR. 2013. Mutualisms and the resilience of southeastern salt marshes to catastrophic drought-induced die off. UF Marine Biology Symposium. Marineland, FL.
- Arvin ML***, Angelini C., and Silliman, BR 2013. The role of Spanish moss as a nursery habitat and in facilitating arthropod tree pest. UF Marine Biology Symposium. Marineland, FL.
- Atkins, R.*** Angelini C, Griffin JN, and Silliman BR. 2013. Impacts of grazer size and density on grazing intensity: metabolic and per capita demand as predictors of interaction strength. UF Marine Biology Symposium. Marineland, FL.
- Babb, J.*** Angelini C. and Silliman BR. 2013. *Tillandsia usneoides* enhances and alters food web complexity in coastal oak savannas. UF Marine Biology Symposium. Marineland, FL.
- Angelini, C.**, Griffin J., van de Koppel J., and Silliman BR. 2013. Mutualism, spatial processes, and resilience of southeastern salt marshes to catastrophic drought-induced die off. Georgia Coastal Ecosystems LTER Meeting. Athens, GA. Poster.

2012

- Silliman, B. R. Resilience and degradation in Louisiana salt marshes following the BP-DWH Oil Spill. AAAS meetings, Van Cover, Canada.
- Nifong, J.** and Silliman BR, Using Critter-cams to compare prey capture and success rates of American alligators (*Alligator mississippiensis*) from two Florida estuaries, 21st Working Meeting of the IUCN Crocodylian Specialist Group, Manila, Philippines.

- Nifong, J.** and Silliman BR. Experimental demonstration that a large-bodied, apex predator can affect its prey's density, behavior, and cascading impact on a keystone grazer, University of Florida Marine Biology Symposium, Marineland, Florida.
- Buhler, S.,*** J. N. Griffin, and B. R. Silliman. 2012. How aggregation and height of oyster beds create predation relief from the crown conch, *Melongena corona*. UF Marine Biology Symposium.
- Angelini, C.** and Silliman BR. 2012. A tree- epiphyte facilitation cascade drives patterns in trophic structure and biodiversity. Ecological Society of America Conference. Portland, OR
- Angelini, C.** and Silliman BR. 2012. Drought, die off, and the future of southeastern US salt marshes. Sapelo Island National Estuarine Research Reserve, Darien, GA.
- Babb, J.***, Angelini C., and Silliman BR. 2012. Context-dependence of facilitation cascades: evidence from host tree-epiphyte- arthropod communities across multiple coastal habitats. UF Marine Biology Symposium. Marineland, FL.
- Fuchs, C.*** Angelini C. and Silliman BR. 2012. Patterns in arthropod richness and abundance with increasing festoon size. UF Marine Biology Symposium. Marineland, FL.
- Angelini, C.** and Silliman BR. 2012. A mutualism underpins salt marsh resilience to drought. UF Marine Biology Symposium. Marineland, FL.
- Angelini, C.** and Silliman BR. 2012. The future of southeastern US marshes: drought, die off and role of remnant patches in recovery. University of Florida Wetlands Institute.

2011

- Silliman, B. R. Resilience and degradation in Louisiana salt marshes following the BP-DWH Oil Spill. International Marine Conservation Congress, Victoria, Canada.
- Silliman, B. R., Holdredge, C., Nifong, J. C., van Montfrans, S. 2011. Oceanographic gradients drive predictable spatial variation in recruitment, predation, and the intensity of top-down control. GCE-LTER Annual Meeting, Athens, GA. Poster.
- Silliman, B. R., Holdredge, C., Nifong, J. C., van Montfrans, S. 2011. Oceanographic gradients drive predictable spatial variation in recruitment, predation, and the intensity of top-down control. University of Florida Marine Biology Meeting, St. Augustine, FL.
- Silliman, B. R. 2011. Drought triggers a trophic cascade and runaway die off in coastal salt marshes. 39th annual Benthic Ecology Meeting, Mobile, Alabama. 2011.
- Silliman, B. R. 2011. Drought triggers a trophic cascade and runaway die off in coastal salt marshes. University of Florida Marine Biology Symposium, St. Augustine, Florida. 2011.
- Nifong, J.** B. Silliman, Using Critter-cam to elucidate food web interactions and foraging strategies of American alligators (*Alligator mississippiensis*) in a Florida estuary (Version II). 32nd Annual All Florida herpetology Conference, Gainesville, Florida
- Nifong, J.** and B. Silliman, Using Critter-cam to elucidate food web interactions and foraging strategies of American alligators (*Alligator mississippiensis*) in a Florida estuary. 40th Annual Benthic Ecology Meeting, Mobile, Alabama.
- Nifong, J.** and B. Silliman, Alligators as Apex Predators in a Marine Ecosystem (version III), Florida Reptile and Amphibian Working Group Annual Meeting, St. Augustine,

Florida.

- Holdredge, C.** and B. R. Silliman. 2011. Invertebrate population study and results. GCE-LTER Meeting, Athens, GA.
- Holdredge, C.** and B. R. Silliman. 2011. Salt marsh community recovery from massive disturbance. UF Marine Biology Meeting, Marineland, FL.
- Holdredge, C.** and B. R. Silliman. 2011. Salt marsh community recovery from massive disturbance. Benthic Ecology Meeting, Mobile, AL.
- Diller, J.*** L., Earl, K., Kazosi, G.N., Zimmerman, A.R. and Silliman, B.R. March, 2011. Oil spill driven saltmarsh die-off in Barataria Bay, LA. Oral presentation at the Benthic Ecology Meeting, Mobile, AL.
- Diller, J.*** L., Earl, K., Kazosi, G.N., Zimmerman, A.R., and Silliman, B.R. January 2011. Effect of oil on *Spartina alterniflora* in Barataria Bay, LA. Oral Presentation at the 3rd Annual University of Florida Marine Biology Symposium, Marineland, FL.
- Griffin JN* and B.R. Silliman. Top predators suppress, rather than facilitate, plants in a trait-mediated tritrophic cascade. UNiversity of Florida Marine Biology Symposium. 2011
- Griffin JN* and B.R. Silliman. Intraspecific predator diversity: cascading effects of body size in a salt marsh food web. Benthic Ecology Meeting. Mobile, Alabama. March, 2011.
- Nifong, J.** and B. Silliman, Alligator Research at the GTM-NERR, Invited Speaker: Guana Tolomato Matanzas National Estuarine Research Reserve, Brown-Bag Seminar Series, St. Augustine, Florida
- Earl, K.***, Diller, J. L., Kazosi, G.N., Zimmerman, A.R., and Silliman, B.R. January 2011. The effect of the Deepwater Horizon Oil Spill on invertebrate richness and abundance in Barataria Bay, Louisiana. Poster Presentation at the 3rd Annual University of Florida Marine Biology Symposium, Marineland, FL.
- Mulligan, A.E.***, Nifong, J.C, Silliman, B.R. Establishing prey preferences of the American alligator (*Alligator mississippiensis*) using stomach content analysis. Poster presentation. XL Benthic Ecology Meeting, Mobile, AL, March 18-19, 2011.
- Mulligan, A.E.***, Nifong, J.C, Silliman, B.R. Establishing prey preferences of the American alligator (*Alligator mississippiensis*) using stomach content analysis. Poster presentation. 2011 GCE-LTER Annual Meeting. Athens, GA, January 5, 2011.
- Mulligan, A.E.***, Nifong, J.C, Silliman, B.R. Establishing prey preferences of the American alligator (*Alligator mississippiensis*) using stomach content analysis. Poster presentation. Marine Biology Symposium, Whitney Lab, St. Augustine, FL, January 27, 2011
- Nifong, J.** and B. R. Silliman. 2011. Alligators as Apex Predators in a Marine Ecosystem. Alligators All Florida Herpetology Conference, Gainesville, Florida.
- Nifong, J.** and B. R. Silliman. 2011. Alligators as Apex Predators in a Marine Ecosystem. Alligators Southeast Partners in Amphibian and Reptile Conservation Meeting, Ocala, Florida.
- Nifong, J.** and B. R. Silliman. 2011. Alligators as Apex Predators in a Marine Ecosystem. Alligators Georgia Coastal Ecosystems Long Term Ecological Research (GCE-LTER) Meeting, Athens, Georgia.
- Abbey, D.***, Nifong, J., and B. Silliman. 2011. Top predator impacts on the movement of a keystone marsh predator.

2010

- Silliman, B. R. 2010. The Role of Coastal Vegetation in Protecting our Shorelines. American Association for the Advancement of Science.
- Silliman, B. R. 2010. Climate change shifts key interactions maintaining local diversity. 38th annual Benthic Ecology Meeting, Wilmington, NC.
- Silliman, B. R. 2010. Climate change shifts key interactions maintaining local diversity. University of Florida Marine Biology Symposium, St. Augustine, Florida.
- Silliman, B. R., Holdredge, C., Nifong, J. C., van Montfrans, S. 2010. Oceanographic gradients drive predictable spatial variation in recruitment, predation, and the intensity of top-down control. GCE-LTER Annual Meeting, Athens, GA.
- Silliman, B. R., Holdredge, C., Nifong, J. C., van Montfrans, S. 2010. Oceanographic gradients drive predictable spatial variation in recruitment, predation, and the intensity of top-down control. University of Florida Marine Biology Meeting, St. Augustine, FL.
- Farina, J., B. R. Silliman, and M.D. Bertness. 2010. Tsunami impacts on the structure of a Chilean salt marsh. Tsunami impacts on the Chilean Coast: Special National Symposium. Las Cruces, Chile.
- Gedan, K.B.** , Kirwan, M.L., and B.R. Silliman. 2010. Myths and misconceptions of shoreline protection by coastal wetlands. 38th annual Benthic Ecology Meeting, Wilmington, NC.
- Altieri, A.* , B. van Wesenbeeck, M. D. Bertness, and B. R. Silliman. 2010. Facilitation cascade drives positive relationship between biodiversity and invasion success. 38th annual Benthic Ecology Meeting, Wilmington, NC.
- Nifong, J.** and B. R. Silliman. 2010. Alligators as Apex Predators in a Marine Ecosystem. 38th annual Benthic Ecology Meeting, Wilmington, NC.
- Nifong, J.** and B. R. Silliman. 2010. Alligators as Apex Predators in a Marine Ecosystem. Alligators as Apex Predators in a Marine Ecosystem. University of Florida Marine Biology Symposium, St. Augustine, Florida
- Griffin, J.* and B. R. Silliman. 2010. Multiple Predator Effects on the Marsh Primary Production. 38th annual Benthic Ecology Meeting, Wilmington, NC.
- Nifong, J.** and B. R. Silliman. 2010. Alligators as Apex Predators in a Marine Ecosystem. Alligators All Florida Herpetology Conference, Gainesville, Florida.
- Nifong, J.** and B. R. Silliman. 2010. Alligators as Apex Predators in a Marine Ecosystem. Alligators Southeast Partners in Amphibian and Reptile Conservation Meeting, Ocala, Florida.
- Nifong, J.** and B. R. Silliman. 2010. Alligators as Apex Predators in a Marine Ecosystem. Alligators Georgia Coastal Ecosystems Long Term Ecological Research (GCE-LTER) Meeting, Athens, Georgia.
- van Montfrans, S. G.** , and M. Hensel, B.R. Silliman 2010. The role of crab grazing and drought stress in marsh die-off in GA marshes. Annual University of Florida Marine Biology Symposium in Marineland, FL.
- van Montfrans, S. G.** , and M. Hensel, B.R. Silliman. 2010. The role of crab grazing and drought stress in marsh die-off in GA marshes. Annual Georgia Coastal Ecosystems LTER meeting in Athens, GA.

MATRICULATION of UNDERGRADUATE RESEACHERS to GRADUATE SCHOOL

Jack Butler – Old Dominion University
Jessica Diller – University of Florida
Lindsey Albertson – University of California Santa Barbara
Sara Lee – University of North Carolina Chapel Hill
Lauren Sweet – Clemson University
Chase Mason – University of Georgia
Marc Hensel – University of Florida
James Nifong – University of Florida
Daniel Penniman- University of Florida
Zachary Chejanoski – Stony Brook University
Shin-Ping Lao - University of Idaho
Eric Monaco – University of South Florida
Stephanie Buhler – North Carolina State University
Danielle Abbey - University of North Carolina Chapel Hill
Kami Earl – University of Hawaii

MATRICULATION of GRADUATE STUDENTS

Marc Hensel – PhD student U. Mass. Boston
Christine Angelini – Assistant Professor, University of Florida.

MATRICULATION of POST DOCS

Michael McCoy - Assistant Professor, East Carolina University
John Griffen - Lecturer, Swansea University
Mads Thomson - Assistant Research Scientist, University of Otago
Edgardo Diaz Ferguson –
Hanna Vander Zanden -

PROFESSIONAL SOCIETIES

American Association for the Advancement of Science
Society of Conservation Biology - Honorary Lifetime Member
Ecological Society of America
Benthic Ecological Society
Coastal and Estuarine Research Federation

NSF PANELS

2010	Community and Population Ecology
2009	Science and Technology Center Competition
2008	NSF Biological Oceanography

EDITORIAL SERVICE

2010-present Associate Editor, *Journal of Ecology*
2008-2010 Reader Advisory Panel, *Nature*
2006 Special Subject Editor, *Ecology*

PEER REVIEW

Journals:

Nature, Science, PNAS, Current Biology, Nature Climate Change, Proceedings of the Royal Society, American Naturalist, Ecology Letters, Ecology, Ecological Applications, Ecological Monographs, PLOS ONE, Global Change Biology, Ecosystems, Limnology and Oceanography, Journal of Ecology, Journal of Applied Ecology, Journal of Animal Ecology, Oecologia, Oikos, Environmental Research Letters, Environmental Science and Technology, Biological Invasions, Marine Ecology Progress Series, Coral Reefs, Aquatic Biology, Estuaries and Coasts, Estuarine Coast and Shelf Science, Bulletin of Marine Science, Ecography, Aquatic Invasions, Journal of Coastal Research, Journal of Experimental Marine Biology and Ecology, Marine and Freshwater Research, Revista de Biología Marina y Oceanografía in Chile, Wetland Ecology and Management, Wetlands, Hydrobiologia, Austral Ecology.

Proposals:

NSF - Ecosystems, Biological Oceanography, Population and Community Ecology, Science and Technology Centers.

Sea Grant – Maine, California, Washington, New Jersey, Florida, Texas, Puerto Rico.

NSERC of Canada – Evolution and Ecology.

Books: Seagrass: Biology, Ecology, Functions, and Conservation, editors: T. Larkum, C. Duarte, and J. Orth.