

# CURRICULUM VITAE – HEATHER M. LESLIE, Ph.D.

## 1. Professional address

Peggy and Henry D. Sharpe Assistant Professor of Environmental Studies and Biology  
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## 2. Home address

Providence, RI 02906

## 3. Education

1998-2004 PhD in Zoology, Oregon State University, Dissertation title: *Advancing the science of marine reserves: From field experiments to tools for marine conservation planning*  
1992-1996 AB cum laude in Biology, Harvard University

## 4. Professional appointments

7/2007- Sharpe Assistant Professor of Environmental Studies and Biology, Brown Univ.  
*Re-appointed 11/09 for four years, starting 7/10*  
5/2012- Adjunct Assistant Scientist, Ecosystems Center, Marine Biological Laboratory  
2007-2009 Visiting Research Collaborator, Princeton University  
2006-2007 Associate Research Scholar, Princeton University  
2004-2006 Postdoctoral Research Fellow, Princeton University

## 5. Completed Publications

### 5A. Books

32. McLeod, K. L. and **H. M. Leslie** (editors). 2009. *Ecosystem-Based Management for the Oceans*. Washington, DC: Island Press. 392 pp.

Reviews of this book in *Science*, *BioScience*, and other journals are available at <http://blogs.brown.edu/leslie-lab/publications/>

### 5B. Book Chapters

31. Barbier, E., **H. M. Leslie**, and F. Micheli. 2013. Services of Marine Ecosystems: A Quantitative Perspective. Ch 18 in M. D. Bertness, J. Bruno, B. Silliman and J. Stachowicz, eds. *Marine Community Ecology and Conservation*, Sinauer Associates, Inc. 26 pp.

30. **Leslie, H. M.** and A. P Kinzig. 2009. Resilience Science. Chapter 4 In: *Ecosystem-Based Management for the Oceans*. Washington, DC: Island Press.

29. McLeod, K. L. and **H. M. Leslie**. 2009. Why Ecosystem-Based Management? Chapter 1 in *Ecosystem-Based Management for the Oceans*. Washington, DC: Island Press.

28. McLeod, K. L. and **H. M. Leslie**. 2009. State of Practice. Chapter 17 in *Ecosystem-Based Management for the Oceans*. Washington, DC: Island Press.

27. McLeod, K. L. and **H. M. Leslie**. 2009. Ways Forward. Chapter 19 in *Ecosystem-Based Management for the Oceans*. Washington, DC: Island Press.

26. Sala, O.E., D. Sax, and **H. Leslie**. 2009. Biodiversity consequences of biofuel production, pp 127-37. Ch 7 In R.W. Howarth and S. Bringezu (eds) *Biofuels: Environmental Consequences and Interactions with Changing Land Use*. Proceedings of the Scientific Committee on Problems of the Environment (SCOPE) International Biofuels Project Rapid Assessment, 22-25 September 2008, Gummersbach Germany. Cornell University, Ithaca NY, USA.

## 5. Completed Publications (continued)

### 5C. Refereed Journal Articles (*Leslie student and postdoctoral co-authors are underlined*)

25. Lamb, E., **H. M. Leslie**, and J Shinen. 2014. Both like it hot: influence of aerial temperature on two co-occurring intertidal barnacles in central Chile. *Journal of Experimental Marine Biology and Ecology* 453: 54–61.
24. Reddy, S.W., A. Wentz, O. Aburto-Oropeza, M. Maxey, S. Nagavarapu, **H. M. Leslie**. 2013. Evidence of market-driven size-selective fishing and the mediating effects of biological and institutional factors. *Ecological Applications* 23:726–74.
23. **Leslie, H. M.**, E. Goldman, K. L. McLeod, L. Sievanen, H. Balasubramanian, R. Cudney-Bueno, A. Feurerstein, N. Knowlton, K. Lee, R. Pollnac, and J. F. Samhour. 2013. How good science and stories can go hand-in-hand. *Conservation Biology* 27:1126-29.
22. Bernhardt, J. R. and **H. M. Leslie**. 2013. Resilience to climate change in coastal marine ecosystems. *Annual Review of Marine Science* 5: 371-392.
21. Halpern, B. S., C. Longo, D. Hardy, K. L. McLeod, J. F. Samhour, S. K. Katona, K. Kleisner, S. E. Lester, J. O’Leary, M. Ranelletti, A. A. Rosenberg, C. Scarborough, E. R. Selig, B. D. Best, D. R. Brumbaugh, F. S. Chapin III, L. B. Crowder, K. L. Daly, S. C. Doney, C. Elfes, M. J. Fogarty, S. D. Gaines, K. I. Jacobsen, L. Bunce Karrer, **H. M. Leslie** and 8 others. 2012. An index to assess the health and benefits of the global ocean. *Nature* 488: 615-620.
20. Sievanen, L., L. Campbell, and **H. M. Leslie**. 2012. Challenges to interdisciplinary research in ecosystem-based management. *Conservation Biology* 26:315-323.
19. Sievanen, L., **H. M. Leslie**, J. Wondolleck, S. Yaffee, K. McLeod, and L. Campbell. 2011. Linking top-down and bottom-up processes in marine ecosystem-based management. *Conservation Letters* 4: 298-303.
18. Gedan, K., J. Bernhardt, M. D. Bertness, and **H. M. Leslie**. 2011. Substrate size mediates thermal stress in the rocky intertidal. *Ecology* 92:576–582.
17. **Leslie, H.M.**, M. Schlüter, R. Cudney-Bueno, and S. A. Levin. 2009. Modeling responses of the coupled social-ecological systems of the northern Gulf of California to anthropogenic and natural perturbations. *Ecological Research* 24(3):505-514.
16. Schlüter, M., **H. M. Leslie**, and S. A. Levin. 2009. Managing water use tradeoffs in a semi-arid river delta to sustain multiple ecosystem services – a modeling approach. *Ecological Research* 24(3): 491-503.

## 5. Completed Publications (continued)

### 5C. Refereed Journal Articles

15. **Leslie, H.M.**, A. R. Rosenberg, and J. Eagle. 2008. Is a new mandate needed for marine ecosystem-based management? *Frontiers in Ecology and the Environment* 6(1):43-48.
  14. **Leslie, H. M.** and K. L. McLeod. 2007. Confronting the challenges of implementing marine ecosystem-based management. *Frontiers in Ecology and the Environment*. 5(10):540-548.
  13. Hughes, T. P., L. Gunderson, C. Folke, A. Baird, D. Bellwood, F. Berkes, B. Crona, A. Helfgott, **H. Leslie**, J. Norberg, M. Nyström, P. Olsson, H. Österblom, M. Scheffer, H. Schuttenberg, R.S. Steneck, M. Tengö, M. Troell, B. Walker, J. Wilson, B. Worm. 2007. Adaptive Management of the Great Barrier Reef and the Grand Canyon World Heritage Areas. *Ambio* 36:586-592.
  12. Satake, A., **H. M. Leslie**, Y. Iwasa, and S. A. Levin. 2007. Coupled ecological-social dynamics in a forested landscape: spatial interactions and information flow. *Journal of Theoretical Biology* 246: 695-707.
- Began faculty position at Brown University ----
11. Berkes, F., T. P. Hughes, R. S. Steneck, J. A. Wilson, D. R. Bellwood, B. Crona, C. Folke, L. H. Gunderson, **H. M. Leslie**, J. Norberg, M. Nyström, P. Olsson, H. Österblom, M. Scheffer, B. Worm. 2006. Globalization, roving bandits and marine resources. *Science* 311:1557-58.
  10. **Leslie, H. M.** 2005. A synthesis of marine conservation planning approaches. *Cons. Biol.* 19(6): 1701-1713.
  9. **Leslie, H. M.**, E. N. Breck, F. Chan, B. A. Menge, and J. Lubchenco. 2005. Barnacle reproductive hotspots linked to nearshore ocean conditions. *PNAS* 102(30):10534-39.
  8. **Leslie, H. M.** 2005. Positive intraspecific effects trump negative effects in high-density barnacle aggregations. *Ecology* 86(10):2716-2725.
  7. Giller, P., H. Hillebrand, U G. Berninger, M. Gessner, S. Hawkins, P. Inchausti, C. Inglis, **H. Leslie**, B. Malmqvist, M. Monaghan, P. Morin, G. O'Mullan. 2004. Biodiversity effects on ecosystem functioning: emerging issues and their experimental test in aquatic communities. *Oikos* 104(3): 423-436.

## 5. Completed Publications (continued)

### 5C. Refereed Journal Articles

6. **Leslie, H.**, M. Ruckelshaus, I. R. Ball, S. Andelman, and H. P. Possingham. 2003. Using siting algorithms in the design of marine reserve networks. *Ecol. Appl.* 13(1): S185-S198.
5. Airamé, S., J. E. Dugan, K. D. Lafferty, **H. Leslie**, D. A. McArdle, and R. R. Warner. 2003. Applying ecological criteria to marine reserve design: A case study from the California Channel Islands. *Ecol. Appl.* 13(1): S170-S184.
4. Menge, B. A., J. Lubchenco, M. E. S. Bracken, F. Chan, M. M. Foley, T. L. Freidenburg, S. D. Gaines, G. Hudson, C. Krenz, **H. Leslie**, D. N. L. Menge, R. Russell, and M. S. Webster. 2003. Coastal oceanography sets the pace of rocky intertidal community dynamics. *PNAS* 100(21):12229-12234.
3. Palumbi, S. R., S.D. Gaines, **H. Leslie**, and R. R. Warner. 2003. New wave: high-tech tools to help marine reserve research. *Frontiers in Ecology and the Environment* 1(2): 73-79.
2. Roberts, C. M., G. Branch, R. H. Bustamante, J. C. Castilla, J. Dugan, B. Halpern, K. D. Lafferty, **H. Leslie**, J. Lubchenco, D. McArdle, M. Ruckelshaus, and R. R. Wagner. 2003b. Application of ecological criteria in selecting marine reserves and developing reserve networks. *Ecol. Appl.* 13(1): S215-S228.
1. Roberts, C. M., S. J. Andelman, G. M. Branch, R. Bustamante, J. C. Castilla, J. E. Dugan, B. Halpern, K. D. Lafferty, **H. Leslie**, J. Lubchenco, D. A. McArdle, H. P. Possingham, M. H. Ruckelshaus, and R. R. Warner. 2003a. Ecological criteria for evaluating candidate sites for marine reserves. *Ecol. Appl.* 13(1): S199-S214.

### **ISI Web of Science h-index: 15**

ISI Non self citations: 1329, based on 27 results (as of 7/23/14)

These data do not include 190 citations of the 2009 book HL edited.

### **Google Scholar h-index: 18**

All citations =2817 (as of 7/23/14)

## 5. Completed Publications (continued)

5D. *Non-Refereed Articles (Student and postdoctoral co-authors are underlined)*

*Prof. Leslie blogs on recent research and science translation activities at <http://blogs.brown.edu/leslie-lab/>. 'Field Notes' is an occasional series on her group's expeditions in Mexico and on the Atlantic shore.*

**Leslie, H.** 2013. Ecosystem-Based Management: What We Need to Build on the Promise. Inaugural invited article for *Science for Nature and People*. Launched 9.25.13. <http://tinyurl.com/snap-EBM>

**Leslie, H. M.** 2013. A citizen and a scientist. Invited post, Brown U.'s Swearer Center. Posted 9.13: <http://swearercenterblog.org/2013/09/24/faculty-voices-a-citizen-and-a-scientist>

**Contributing Author**, *Why Value the Oceans?* Discussion paper for The Economics of Ecosystems & Biodiversity (TEEB). Prepared by Beaudoin and Pendleton (eds), UNEP/GRID-Arendal and Duke Univ. Nicholas Institute for Environmental Policy Solutions. 2/2012.

Gancos, T., H. M. Leslie, and L. Sievanen. 2012a. Elkhorn Slough Tidal Wetland Project: A Case Study of Marine Ecosystem-Based Management. Univ of Michigan and Brown & Duke Universities, Marine Ecosystem-Based Management in Practice: <http://www.snre.umich.edu/emi/mebm> (accessed October 20, 2013).

Gancos, T., H. M. Leslie, and L. Sievanen. 2012b. San Luis Obispo Science and Ecosystem Alliance: A Case Study of Marine Ecosystem-Based Management. Univ of Michigan and Brown & Duke Universities, Marine Ecosystem-Based Management in Practice: <http://www.snre.umich.edu/emi/mebm> (accessed October 20, 2013).

Gruby, R., L. Sievanen, H. M. Leslie, and T. Gancos. 2012a. The Babeldaob Island Ecosystem-Based Management Initiative: A Case Study of Marine Ecosystem-Based Management. Univ of Michigan and Brown & Duke Universities, Marine Ecosystem-Based Management in Practice: <http://www.snre.umich.edu/emi/mebm> (accessed October 20, 2013).

Gruby, R., L. Sievanen, H. M. Leslie, and T. Gancos. 2012b. Fiji's Vatu-i-Ra and Cakau Levu Reefs Seascape Project: A Case Study of Marine Ecosystem-Based Management. Univ. of Michigan and Brown & Duke Universities, Marine Ecosystem-Based Management in Practice: <http://www.snre.umich.edu/emi/mebm> (accessed October 20, 2013).

Villanueva-Aznar, H. C., H. M. Leslie, and L. Sievanen. 2012a. Artisanal Fisheries of the Northern Gulf of California, Mexico: Environment and Society Project (PANGAS): A Case Study of Marine Ecosystem-Based Management. Univ of Michigan and Brown & Duke Universities, Marine Ecosystem-Based Management in Practice: <http://www.snre.umich.edu/emi/mebm> (accessed October 20, 2013).

## 5. Completed Publications (continued)

### 5D. Non-Refereed Articles (Student and postdoctoral co-authors are underlined)

Villanueva-Aznar, H. C., **H. M. Leslie**, and L. Sievanen. 2012b. Gulf of California, Mexico Shrimp Fisheries Project: A Case Study of Marine Ecosystem-Based Management. Univ of Michigan and Brown & Duke Universities, Marine Ecosystem-Based Management in Practice: <http://www.snre.umich.edu/emi/mebm> (accessed October 20, 2013).

**Leslie, H. M.** 2010. Obama's new ocean policy a boon for New Englanders. *The Providence Journal*. p. B8 (7/28/10).

**Leslie, H.** 2010. Integrating community-based learning and research into environmental science courses. *The Teaching Exchange* 15(2): 3.

McLeod, K. M. and **H. Leslie**. 2005. Marine Ecosystem-Based Management: Transforming U.S. Ocean Policy. In M. Groom et al. (eds.), *Principles of Conservation Biol.* (3rd ed.), pp. 476-479.

Simler, B., R. Davis-Born, A. Guerry, **H. Leslie**, and J. Lubchenco. 2002. The Catalogue of Oregon Marine and Coastal Information: Meta-data to inform area-based management. In *Proceedings of 2002 Conference of The Coastal Society*.

**Leslie, H.** 2001. Coastal Zone Management. In J. Barry and E. G. Frankland (eds.) *International Encyclopedia of Environmental Politics*. Florence, KY: Routledge. p. 94-95.

**Leslie, H.** 1999. It's too soon to open just-recovering scallop beds. *The Boston Globe*, p. A17 (2/25/99).

**Leslie, H.** 1997. Coastal wetlands management in Yucatan, Mexico: Nature-based tourism in the Celestún Estuary. In M. C. Miller, J. Cogan (eds.) *Coastal Zone 97 Conf. Proceedings*, Vol. 2., Boston, MA: 1997, pp. 938-940.

**Leslie, H.** 1994. Birds, buggies, and barrier beaches. *Sanctuary*. Lincoln, MA: Massachusetts Audubon Society. pp. 16-17.

### 5E. Book Reviews

**Leslie, H. M.** 2011. A roadmap to nature's benefits. *Science* 332:1264-65.

**Leslie, H.** 2008. Global Coastal Change. *The Quarterly Review of Biol.* 83(1):136-137.

**Leslie, H.** 2004. Coastal Marine Conservation. *The Quarterly Review of Biol.* 79(4): 447.

## 5. Completed Publications (continued)

*Other Lab-Related Publications of Note (Leslie students and postdocs underlined)*

Sievanen, L. 2014. How do small-scale fishers adapt to environmental variability? Lessons from Baja California Sur, Mexico. *Maritime Studies* 13:9.

Pellowe-Wagstaff, K. and J. Simonis. 2014. The ecology and mechanisms of overflow-mediated dispersal in a rock-pool metacommunity. *Freshwater Biology* 59: 1161-1172.

Cockrell, M. L. and C. J.B. Sorte. 2013. Predicting climate-induced changes in population dynamics of invasive species in a marine epibenthic community. *Journal of Experimental Marine Biology and Ecology* 440: 42-48.

Sievanen L. S., R. L. Gruby, and L. M. Campbell. 2013. Fixing marine governance in Fiji? The new scalar narrative of ecosystem-based management. *Global Environmental Change* 206:206-216.

Hastings, J., R. L. Gruby, L. Sievanen. 2012. Science-based coastal management in Fiji: Two case studies from the NGO sector. *Marine Policy* 36: 907-914.

Corman S.S., Roman C.T., King J.W., Appleby P.G. 2012. Salt marsh mosquito-control ditches: sedimentation, landscape change, and restoration implications. *Journal of Coastal Research* 283: 874-80.

Corman, S.S. and C.T. Roman. 2011. Comparison of salt marsh creeks and mosquito ditches as habitat for nekton. *Marine Ecology Progress Series* 434:57-66.



## 5. Completed Publications (continued)

### *Selected Abstracts*

- 2014 “Tight feedbacks facilitate ecological and social resilience of small-scale fisheries to climate variability in the Gulf of California, Mexico,” Ecological Society of America (ESA), Annual Meeting, Sacramento, CA. 8/14/14.
- 2014 “Integrating spatial variation in ecosystem services, resilience, and institutional capacity into marine conservation planning in the Gulf of California,” International Marine Conservation Congress, Glasgow, Scotland, 7.14. (HL, senior author)
- 2013 “Use-inspired research, a.k.a., science managers can use,” HL co-organized & presented; Invited session; The Nature Conservancy’s All-Science Meeting, San Jose, CA, 12/12/13.
- 2013 “Many paths to ecosystem-based management,” Invited symposium speaker and organizer, International Congress for Conservation Biology, Baltimore, MD. 7/25/13.
- 2013 “Adapting to climate variability in the small scale fisheries of Baja Cal. Sur.” Invited symposium talk, AAAS (American Association for the Advancement of Science) Annual Meeting, Boston, MA, 2/13. (HL, senior author)
- 2012 “Ecosystem-based management in practice,” Invited symposium speaker, ESA Annual Meeting, Portland, OR. 8/7/2012.
- 2012 “Consumer pressure in estuarine rocky shores varies with ecological context,” ESA Annual Meeting, Portland. 8/12 (HL, senior author)
- 2012 “Variation in flowering phenology in the salt marsh plant *Spartina alterniflora*,” ESA Ann. Meeting, Portland, 8/12. (HL, senior author)
- 2012 “Applying knowledge of human-ocean connections at the local scale,” Invited symposium talk, AAAS, Vancouver, BC, 2/2012.
- 2012 “Social-ecological factors mediating shocks to fisheries in Baja California Sur, Mexico,” Invited symposium talk, Amer. Fisheries Soc., Minneapolis. 8/11 (HL, senior author)
- 2011 “Marine spatial planning through the lens of ecological resilience,” Invited symposium speaker, AAAS Annual Meeting, Washington, DC. 2/18/2011.
- 2011 “Talking about ecosystem-based management in practice,” International Marine Conservation Congress (IMCC), 5/11. Victoria, BC. (HL, senior author)
- 2011 “Market demand and size selective fishing,” IMCC, 5/11. (HL, senior author)
- 2009 “Community participation in the management and conservation of coastal ecosystems,” Invited talk and moderator, Maine Coastal Waters Conference, Northport: 10/28/09.
- 2009 “Managing for resilience in the Gulf of Maine,” Invited talk for the Technical Workshop on Ecosystem Services in the Gulf of Maine, St. Johns, NB, Canada. 10/09.
- 2009 “Conserving marine ecosystem services in a changing world,” ESA. Albuquerque, NM.
- 2009 “Managing for resilience in the face of climate change,” Invited talk in the symposium, Illuminating climate–ocean Linkages: New science since the last IPCC, International Marine Conservation Congress, Fairfax, VA. 5/22/09.
- 2008 “How can the latest science of resilience illuminate the way forward?” Invited symposium speaker, AAAS Annual Meeting, Boston, MA. 2/17/08.
- 2008 “Modeling responses of the coupled social-ecological systems of the northern Gulf of California to anthropogenic and natural perturbations. ESA, Milwaukee, WI. 8/8/08.
- 2005 American Society of Limnology and Oceanography, Santiago de Compostela, Spain

## 5. Publications (continued)

### *5G. Selected Invited Lectures*

- 2014 GSO-Vetlesen Distinguished Lecturer, University of Rhode Island (4/4/14)
- 2013 Environmental Earth Systems Science and Woods Institute, Stanford Univ. (11/20/2013)
- 2013 Ecology and Evolutionary Biology, University of California, Davis (3/14/2013)
- 2013 Bodega Marine Laboratory, University of California, Davis (3/15/2013)
- 2012 Duke University Marine Lab, Beaufort, NC (4/4/2012)
- 2012 Woods Hole Oceanographic Institution, Biology Dept., Woods Hole, MA
- 2011 School of Forestry and Environmental Studies, Yale University, New Haven, CT
- 2010 Ecosystems Center Seminar, Marine Biological Laboratory, Woods Hole, MA (3/9/10)
- 2010 RI Aquatic Sciences Collaborative, (10/27/10, plenary talk and facilitator)
- 2010 Biology at Noon, URI Graduate School of Oceanography, Narragansett, RI (2/24/10)
- 2009 Brown University Faculty Forum, Providence, RI (10/17/09)
- 2009 President Obama's Ocean Policy Task Force Working Group, Council on Environmental Quality, Dept. of Commerce, Washington, DC
- 2009 Dept. of Biological Sciences, University of Rhode Island, Kingston, RI
- 2009 Narragansett Bay National Estuary Program 'Currents of Change' Conference, Roger Williams University, Bristol, RI
- 2008 Massachusetts Ocean Partnership's 'Ocean Management 101' Workshop, Boston, MA
- 2008 US EPA Atlantic Ecology Division Narragansett Bay Laboratory, RI
- 2008 Massachusetts Ocean Partnership/COMPASS Ecosystem Service workshop, Boston, MA
- 2007 Chesapeake Biological Laboratory, University of Maryland, Solomons, MD
- 2006 Stony Brook University, Department of Ecology & Evolution, Stony Brook, NY
- 2006 University of Washington, School of Aquatic and Fishery Science, Seattle, WA
- 2006 University of North Carolina at Chapel Hill, Department of Geography, Chapel Hill, NC
- 2006 Brown University, Center for Environmental Studies, Providence, RI
- 2006 University of California at Irvine, Department of Ecology & Evolutionary Biology
- 2006 Northeastern University, Department of Biology, Boston, MA
- 2005 Briefing to John H. Marburger III, Science Advisor to the President, Princeton University
- 2005 Rutgers University, Grad. Pgm. in Ecology & Evolutionary Biology, New Brunswick, NJ
- 2005 University of New Hampshire, Marine Science Program, Durham, NH
- 2005 World Wildlife Fund, Conservation Science Program, Washington, DC
- 2005 Woods Hole Oceanographic Institution, Biology Department, Woods Hole, MA
- 2004 Brown University, Dept. of Ecology & Evolutionary Biology, Providence, RI
- 2004 Society for Conservation Biology Meeting, Invited symposium speaker, New York, NY
- 2001 AAAS Annual Meeting, Invited symposium speaker, San Francisco, CA
- 2000 Pacific Fishery Management Council, Habitat Advisory Group, Vancouver, WA
- 2000 Oregon Ocean Policy Advisory Council, Hatfield Marine Science Center, Newport, OR

## 5. Publications (continued)

### 5I. Works in review and in revision

(Leslie's postdoc, graduate, and undergraduate co-authors are underlined)

1. **Leslie, H. M.**, M. Nenadovic, X. Basurto, L. Sievanen, M. O. Aburto-Oropeza, K. C. Cavanaugh, J. J. Cota-Nieto, B. Erisman, E. Finkbeiner, G. Hinojosa-Arango, M. Moreno-Báez, S. Nagavarapu, S. M. W. Reddy, A. Sánchez-Rodríguez, K. Siegel, J. J. Ulibarria-Valenzuela, and A. H. Weaver. Operationalizing the social-ecological systems framework to assess sustainability. Submitted to *PNAS*, 8.22.14.
2. Aburto, O., **H. M. Leslie**, A. Mack-Crane, S. Nagavarapu, S. M.W. Reddy, and L. Sievanen. Property Rights for Fishing Cooperatives: How (and How Well) Do They Work? Invited revision for *World Bank Economic Review*.
3. Crosby, S. C., A. Angermeyer, J. M. Adler, M. D. Bertness, L. A. Deegan, N. Sibinga., **H. M. Leslie**. *Spartina alterniflora* biomass allocation and climate: implications for salt marsh persistence with sea level rise. In review following revision, *Marine Ecology Progress Series*, 6.14.
4. Crosby, S. C., M. Ivens-Duran, M. D. Bertness<sup>1</sup>, E. Davy, L. A. Deegan, and **H. M. Leslie**. Climate change impacts on salt marsh persistence by shifting cordgrass reproduction and biomass allocation. In review #2, *Journal of Ecology*, 7.14.
5. Cockrell, M. L., J. R. Bernhardt, and **H. M. Leslie**. Recruitment, abundance, and predation on the blue mussel (*Mytilus edulis*) on northeastern estuarine rocky shores. In review, *EcoSphere*, 6.14.
6. **Leslie, H. M.**, L Sievanen, Tara Gancos Crawford, Rebecca Gruby, H. Cristina Villanueva-Aznar, and Lisa M. Campbell. Learning from Ecosystem-Based Management in Practice. In review, *Coastal Management*, 6.14.
7. **Leslie, H. M.** and M. Palmer. Assessing impacts of tidal energy capture with an ecosystem services approach. In review, *Marine Technology Society Journal*, 7.14.

## 6. Research Grants

### *Current Grants*

- 2011-2014     Aligning Marine Management Institutions with Key Ecological and Economic Linkages in the Gulf of California, Mexico (\$243,358). Funded by the NSF's Coupled Natural and Human Systems Program (HL, Lead PI)
- 2014            Coupled social-ecological marine systems of Baja California Sur, Mexico. Environmental Studies Faculty Research Award, Spring 2014 (\$8000).
- 2009-2014     Communicating and Translating Place-Based Knowledge to Improve the Practice of Marine Ecosystem-Based Management (\$250,974). Funded by the David and Lucile Packard Foundation (HL, Lead PI)
- 2010-2014     NSF IGERT: Reverse Ecology (David Rand, Lead-PI; HL, Participant)

### *Endowments & Gifts*

- 2011            Brown Environmental Fellowship Endowment (\$625,000), plus current-use support (\$125,000 for 2011-2015) of the Environmental Fellows Program (HL, founding director)

### *Completed Grants*

- 2013-2014     Marine hydrokinetic energy harvesting using cyber-physical systems (\$750,000). US Dept. of Energy's ARPA-E (HL, Co PI w/ Mandre & Breuer, Engineering)
- 2013            Measuring ecosystem health. (\$1000). OVPR Humanities Research Funds.
- 2012            Building an international research & training partnership in Mexico's Gulf of California (\$7000). Funded by Brown's Office of Internat. Affairs. (HL, Lead PI)
- 2012            Integrating social and institutional dynamics into coupled natural and human system investigations (\$20,000). Brown Univ. Environmental Change Initiative Working Group. (HL, Lead PI)
- 2010-2012     Biogeography, diversity, and function of salt marsh bacterial communities: A reciprocal transplant experiment (\$24,939). Brown-MBL Partnership Seed Funding. (HL, co-PI and J. Huber, Lead PI)
- 2008-2013     Evaluating Progress of Marine Ecosystem-Based Management Efforts (\$247,540) Funded by the David and Lucile Packard Foundation (HL, Lead PI)
- 2011-2012     Linking Global Thinking & Local Action: The Brown Environmental Fellows Program, Year 2. (\$35,000) Funded by the Thoreau Foundation (HL, Lead PI)
- 2011-2012     Ecosystem Health Project (\$625). Funded by OVPR, Brown Univ. (HL, Lead PI)
- 2009-2011     Managing for Resilience: Science to Advance Ecosystem-Based Management in the Sea of Cortés (\$110,000), Sub-award from Princeton Univ. (HL, Lead PI)
- 2010-2011     *Speaking of Science* seminar series (\$3500). Brown University Woods Lectureship Funds awarded to HL (Lead PI), M. Downs and others.
- 2009-2011     NSF Career Development Award, Brown ADVANCE Program (\$23,850)

## 6. Research Grants (continued)

### *Completed Grants*

- 2009-2010 Linking Global Thinking & Local Action: The Brown Environmental Fellows Program (\$35,000), Funded by the Thoreau Foundation (HL, Lead PI)
- 2009-2010 Linking Global Thinking & Local Action: The Brown Environmental Fellows Program, (\$10,000), Funded by the Swearer Center for Public Service through a grant from the Silverton Foundation (HL, Lead PI)
- 2009-2010 Community-based research and learning in environmental science (\$4000). Funded by the Swearer Center, via Silverton Foundation (HL, Lead PI)
- 2009-2010 Creating a coral conservation ethic - an experiential art installation. HL (Lead PI), Funded by the Office of the VP for Research, Brown Univ. (\$1800)
- 2006-2011 Sea of Cortés Ecosystem-Based Management Project, (HL, co-PI), Funded by the David and Lucile Packard Foundation (\$244,000)
- 2008-2009 Social and economic drivers of change in the Gulf of California. HL (co-PI), Funded by the Office of the VP for Research, Brown Univ., (\$3000)
- 2008 Developing the Science of Marine Ecosystem-Based Management, Funded by the James S. McDonnell Program on Social Robustness, Santa Fe Institute (\$19,684)
- 2006 RI-EPSCoR 2008 Summer Research Fellowships (awarded to 2 advisees; \$7800)
- 2004-2007 McDonnell Program on Social Robustness, Santa Fe Institute (\$85,000)

---- *Began faculty position at Brown University, July 2007* ----

- 2004-2005 Marine Resilience Assessment Project, HL (co-PI), Funded by the Packard Foundation (\$100,000)
- 2003 University Club Foundation Fellowship, Portland, Oregon (\$5,000)
- 1999-2000 Grant for reserve research, HL (co-PI), Funded by Environ. Defense (\$10,000)
- 2002-2004 Markham Research Award, OSU Hatfield Marine Science Center (\$5,000)
- 1999-2002 Graduate Research Fellowship, National Science Foundation (\$75,000)
- 1996-1997 Benjamin A. Trustman Traveling Fellowship, Harvard University (\$10,000)

## 6. Research Grants (continued)

### *Pending Grants*

None: NSF Coupled Natural-Human Systems submission planned for November 2014

### *Student Grants and Honors*

2014 Sarah Crosby, US EPA STAR Graduate Fellowship (as of Fall 2014)  
2014 Sarah Crosby, MBL Watson Fellowship (\$25,000)  
2014 Kara Pellowe-Wagstaff, Env. Studies Apprenticeship Award (\$2150)  
2014 Kara Pellowe-Wagstaff, Watson Summer Funding (\$2200)  
2014 Kara Pellowe-Wagstaff, S4 GIS Fellow and Workshop Participant, June 2014  
2014 Kara Pellowe-Wagstaff, INVEST training, Woods Institute, Stanford University  
2013 Sarah Corman, Dept of EEB Internal Dissertation Improvement Grant  
2013 Karen Cortes, Voss Environmental Fellowship (\$4000)  
2013 Katherine Siegel, Award for Outstanding Service to the Center for Env Studies  
2013 Katherine Siegel, nominated by the CES faculty for a Distinguished Senior Prize,  
based on her senior honors thesis, advised by HL  
2013 Katherine Siegel, Best Student Poster, Center for Environmental Studies  
2012 Katherine Siegel, Brown Univ. Voss/UTRA Environmental Fellowship (\$4000+)  
2012 Sarah Corman, EPSCoR travel award  
2012 Sarah Corman, Best poster presentation, NEERS  
2011 Sarah Corman, Best poster presentation, CERF  
2011 Emily Lamb, Fulbright Scholarship in Marine Ecology (to Chile)  
6/2011 Lauren Watka, Environmental Studies Summer Research Grant (\$1000)  
2011 Caitlin Brisson, NSF RI-EPSCoR 2011 Summer Research Fellowships (\$4500)  
2011 Bridgette Black, 2011-2012 Brown Environmental Fellowship (\$3500)  
2011 Morgan Ivens-Duran, 2011-2012 Brown Environmental Fellowship (\$3500)  
2010 Sarah Corman, Best graduate student proposal, EEB (\$500)  
5/13 Katherine Siegel, awards for Best CES Thesis Poster, and 1 of 3 CES awards  
5/13 Katherine Siegel, nominated for the Brown University Distinguished Senior Prize  
2013 Katherine Siegel, Rhodes Scholar finalist  
5/11 Allison Wentz, Distinguished Senior Thesis Award in Applied Mathematics  
12/10 Leila Sievanen, CHANS Fellowship for the 2011 AAAS Annual Meeting (\$870)  
7/10 Sarah Corman, Nat. Park Service Wright Climate Change Fellowship (\$20,000)  
6/10 Allison Wentz, NSF REU in Applied Math & Biology, Brown Univ. (\$3500)  
4/10 Courtney Mattison, Environmental Studies Summer Research Grant (\$4190)  
4/10 Emily Lamb, Environmental Studies Summer Research Grant (\$1600)  
2/10 Sarah Corman, NEERS Graduate Fellowship (\$20,000 for each of 3 years)  
1/10 Courtney Mattison, Brown Univ. Arts Council Grant (\$500)  
2009 Nathaniel Chu, 2009 Summer UTRA (\$3500)  
2009 Scott Lowenstein, Brown University International Scholar (\$4000)  
5/09 Joanna Bernhardt, Biology Senior Prize  
1/09 Joanna Bernhardt, 2009 Spring UTRA (\$1000)  
3/08 Joanna Bernhardt, 2008 Summer ESPCOR Fellow (\$4000)

## 7. Service

### *To the University*

- 2009-present Founding Director, Voss Environmental Fellowship Program, Brown Univ.  
2013-present Concentration advisor, Environmental Studies & Science, Brown University  
2014 Student Research Funds Selection Com., Center for Env. Studies, Brown Univ.  
2013-2014 Engaged Scholarship Steering Committee member, Swearer Center  
2012 Open Access Committee member
- 2009-2012 Lead Concentration Advisor, Environmental Science. Brown University  
2010, 2011 Selection Comm., Brown Undergraduate Research & Teaching Awards (UTRAs)  
2008-2010 Sheridan Center for Teaching and Learning Faculty Liaison, Brown University  
2008-2010 Graduate Committee, Center for Environmental Studies, Brown University  
3/10 Environmental Science exhibitor, Science Center Grand Opening, Brown Univ.  
7/09-9/09 Professional Development Working Group, HHMI Undergraduate Science Ed. Grant  
1/09-4/09 Visiting Asst. Professor Search Committee member, Brown University  
10/08 Co-facilitator, Social-Ecological Drivers Working Gp., ECI Retreat, Brown Univ.  
6/08 Brown University Staff Development Day, Invited Speaker  
11/07-3/08 Center for Environmental Studies Relocation Committee, Brown University  
1/08 Graduate Admissions Com., Dept. of Ecology & Evolutionary Biol., Brown Univ.  
12/07-2/08 Environmental Economist Search Committee member, Brown Univ.

### *To the Profession*

#### Advisory role

- 2010-on Board of Trustees, Rhode Island Chapter of The Nature Conservancy  
2009-2013 Communication Partnership for Science and the Sea (COMPASS), Advisor  
2010-2012 RI Bays, Rivers, and Watersheds Coordination Team, Sci. Advisory Committee  
2009-2011 Natural Capital Project's Marine Initiative  
2008-2010 The Nature Conservancy's Science Team, NW Atlantic Marine Eco. Assessment

#### Workshops organized

- 2012 Science Communication Workshop for Brown University Faculty, organized in collaboration with COMPASS, Providence, RI (4.11.12)  
2011 Marine Conservation Success through Synthesis and Story, Univ of Washington's Helen R. Whiteley Center, Friday Harbor Laboratories (8/23-8/25/11)  
2007 COMPASS Communications Training for Young Scientists, Durham, NH  
2007 New directions for marine ecosystem-based management, Portland, OR  
2005 Applying resilience theory to improve ocean management, Princeton University

## 7. Service (continued)

### *To the Profession (continued)*

#### Symposia organized

- 2014 Use-Inspired Ecological Research that Moves Knowledge to Action (Co-organizer and speaker), Ecological Society of America Annual Meeting, Sacramento, CA, 8/15/14.
- 2013 Use-Inspired Research, a.k.a Science Managers Can Use (Co-organizer and speaker), TNC All-Science Meeting, San Jose, CA, 12/12/13.
- 2013 Ecosystem-Based Management in Practice (Co-organizer and speaker), International Congress for Conservation Biology, Baltimore, MD, 7/25/13.
- 2009 Connecting people and places to advance ecosystem-based management for the oceans (Co-organizer, speaker, & moderator), Int. Marine Cons. Congress, Fairfax, VA, 5/21/09.
- 2008 Valuing ocean services in the Gulf of Maine (Symposium co-organizer and moderator). AAAS Annual Meeting, Boston, MA, 2/16//2008.
- 2008 Embracing change: a new vision for management in coastal marine systems (Co-organizer and speaker). AAAS Annual Meeting, Boston, MA, 2/17/ 2008.
- 2004 Reserve Design Symposium. Society for Conservation Biology. New York, NY. 7/04.

#### Panel and workshop invitations (selected)

- 2014 UC Multicampus Research Program & Initiatives Program Panel (declined\*)
- 2013 The Nature Conservancy's All Science Meeting, San Jose, CA
- 2013 Coupled Natural & Human Systems Panel, US NSF (declined)
- 2013 Coastal SEES Panel, US National Science Foundation (declined)
- 2013 Ocean Carbon and Biogeochemistry (OCB) Scientific Steering Com. (declined)
  
- 2013 Coastal SEES Panel, US National Science Foundation, Conducted virtually, 3/13.
- 2013 S4 GIS Institute, Brown University
  
- 2012 National Academy of Sci. sponsored workshop, sustainability science (declined)
- 2012 Aspen Institute Working Group on marine spatial planning (declined)
- 2011 Ecosystem Services, Charting a Path to Sustainability. National Academies Keck Futures Initiative. 11/11
  
- 2010-2011 NCEAS working group on Marine Ecosystem Health, Santa Barbara, CA
- 2010 COMPASS Ecosystem Services Science and Communication, Washington, DC
- 2010 NROC Coastal and Marine Spatial Planning (CMSP) Workshop, Portsmouth, RI
- 2009 National Academy of Sci. sponsored workshop, sustainability science (declined)

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\* I have declined many speaking and professional service invitations at the strong urging of Brown senior faculty, who have given me consistent feedback that my professional service is unusually high for an assistant professor. I look forward to serving on more panels like these in the future.



## 7. Service (continued)

*To the Profession (continued)*

### Panel and workshop invitations (continued, selected)

2007 WEBS: Women Evolving the Biological Sciences. UW Pack Forest, Washington  
2006 Climate change, upwelling, fisheries, and coastal communities, Trieste, Italy  
2005 Marine Ecosystems Dynamics Consortium Workshop, Cape Town, South Africa  
1998-2000 NCEAS working group on the Science of Marine Reserves, Santa Barbara, CA

### Informal education (selected)

2014 Beneath the Waves Film Festival, Invited speaker (4/30/14)  
2013 Invited speaker, UCCAP/Swearer session on Engaged Research, Brown U. (11/13)  
2013 Guest teacher, The Learning Community, Central Falls, RI  
2013 Invited speaker, *Eating with the Ecosystems*, Hourglass Brassiere, Bristol, RI  
2012 Featured speaker at TNC/South Kingstown Land Trust, Wakefield, RI (7/25/12)  
2012 Invited speaker, *Eating with the Ecosystems*, Nick's on Broadway, Providence, RI  
2012 Guest teacher, Brown/Fox Point Early Childhd. Educ. Ctr., Providence, RI

### Recent Reviews

*Aquatic Conservation, BioScience, Conservation Biology, Ecological Applications, Ecology, Frontiers in Ecology and the Environment, Maine Sea Grant, Marine Biology, The US National Science Foundation, PLoS ONE, Proceedings of the National Academy of Sciences, Sea Grant Law and Policy Review, Theoretical Ecology, Trends in Ecology and Evolution*

### External Examiner

James Cook University, Queensland, Australia (2012)

## 8. Awards and Media Coverage

### *Awards and Recognition*

- 2014 Invited Plenary Speaker, Student Conference on Conservation Science, American Museum of Natural History, NYC (declined)
- 2012 Innovation Scholar, Science Coalition
- 2012 MEAS Invited Scholar, University of Alaska (declined)
- 2011 National Academies/Keck Futures Initiative Scholar
- 2011 Helen R. Whiteley Center Scholar, University of Washington
- 5/2011 Brown Environmental Fellows Program endowed by Peter and Pamela Voss
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- 11/09 Engaged Scholar, honored by Brown's Swearer Center for Public Service, in recognition of the Brown Environmental Fellows Program founded by HL
- 1/09 Departmental nominee for the Packard Fellowship for Science and Engineering
- 1/08 Installed as the inaugural Peggy & Henry D. Sharpe Asst. Professor, Brown U.
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- 1999-2002 National Science Foundation Graduate Research Fellow
- 1996 Certificate of Distinction in Undergraduate Teaching, Harvard University
- 1995 National Science Foundation REU in Forest Ecology, Oregon State University
- 1995 National Sci. Foundation Research Experience for Undergraduates Fellowship
- 1992-1996 Elizabeth Agassiz Award of Merit, Harvard University
- 1992-1996 John Harvard Scholarship, Harvard University

### *Select Media Coverage of Research*

- MEAM Staff. 2014. "Managing for resilient ecosystems: Faced with limited budgets, should we protect the healthiest or restore the degraded?" Accessed 6.21.14: <http://openchannels.org/news/meam/managing-resilient-ecosystems-faced-limited-budgets-should-we-protect-healthiest-or#properties>
- Tripp, E. 2014. Temperature doesn't effect competition between two barnacles. *Marine Science Today*. Accessed 3.4.14: <http://marinesciencetoday.com/2014/03/03/rival-barnacle-species-temperature/>
- Orenstein, D. "In Chile, rival barnacle keep competition cool." *This week at Brown*, 2.20.2014. Accessed: <http://news.brown.edu/pressreleases/2014/02/barnacles>, reposted elsewhere
- Stacey, K. "Can the market build sustainable fisheries." *This week at Brown*, 7.15.2014. Accessed at <http://news.brown.edu/pressreleases/2013/07/fishery>, reposted at Dug Dug.
- Anonymous. 2012. Ocean health index shows room for improvement. *Science*. 337:784.
- Jones, N. 2012. "Ocean health index devised." *Nature News Blog*. Accessed 2/20/2012. <http://blogs.nature.com/news/2012/02/ocean-health-index-devised.html>
- Stockstad, E. 2011. "Fragile Habitat." *Science* 332:405 (profile of ES grad. student C. Mattison)
- Lewis, R. How do you manage US oceans? Look at local successes. *ScienceDaily*. 4/18/2011. <http://www.sciencedaily.com/releases/2011/04/110418114200.htm>
- Lewis, R. Brown scientists to discuss best practices for the oceans. *This Week at Brown*. 2/11/2011. <http://news.brown.edu/pressreleases/2011/02/aaas>
- Marris, E. 2010. Researchers on a mission," *Nature* 466: 784-786. 5 August 2010.

## 8. Awards and Media Coverage (continued)

### *Select Media Coverage of Research (continued)*

- Anon. 2009. "Communicating EBM: Countering common misconceptions about marine EBM." *Marine Ecosystems and Management* 3(2):3.
- Anon. 2009. "New publications on Marine EBM." *Marine Ecosystems and Management* 3(1):7.
- Weir, K. 2008. Making a mission of resilience science. 2008. *Gulf of Maine Times* 12(2).
- Anon. "Brown expert connects resilience science and marine conservation" *ScienceCentric*. 17 February 2008. Accessed 2/19/08 at <http://www.sciencecentric.com/news/08021713.htm>
- Anon. "Resilience Science Is Promising Approach To Marine Conservation." *ScienceDaily* 17 February 2008. Accessed 2/19/08 at <http://www.sciencedaily.com>
- Interviewed by the BBC nightly news. 18 February 2008.
- Lord, PB. 2007. Scientists convene to look at climate change. *The Providence Journal*. B1-2. Nov. 8, 2007.
- Anon. 2007. Article offers guidance on implementing EBM. *Marine Ecosystems and Management* 1(1):8.
- Fountain, H. 2005. An ideal place to raise a barnacle. *New York Times*, p. D3, July 12, 2005.
- Strehlow, A. 2005. Study ties breeding, food levels. *The Oregonian*, p. D10, July 13, 2005.
- Moser, J. 2005. Underwater adventures at the 'hotspots' of the sea. *The Summer Barometer*, July 27, 2005.
- Environmental News Service. 2005. Barnacle study could influence siting of marine reserves. July 27, 2005. <http://www.ens-newswire.com/ens/jul2005/2005-07-27-09.asp#anchor7>
- Science News Briefs. 2005. Better sites for barnacle babies. Accessed August 1, 2005 at [http://www.world-science.net/ScienceNewsBriefs/stories/050711\\_Better.htm](http://www.world-science.net/ScienceNewsBriefs/stories/050711_Better.htm)

## 9. Teaching

### *Regular Courses*

Spring 2014	<i>Engaged Environmental Scholarship &amp; Communication</i> (ENVS 1965), 14 students
Fall 2013	<i>Coastal Ecology and Conservation</i> (ENVS/BIOL 0455), 14 students
Spring 2013	<i>Engaged Environmental Scholarship &amp; Communication</i> (ENVS 1965), 8 students
<i>Fall 2012</i>	<i>Junior Sabbatical</i>
Spring 2012	<i>Engaged Environmental Scholarship &amp; Communication</i> (ENVS 1965) with M. Downs, 11 students
Fall 2011	<i>Coastal Ecology &amp; Conservation</i> (ENVS 0455) with M. Bertness, 8 students
Spring 2011	<i>Engaged Environmental Scholarship &amp; Communication</i> (ENVS 1965), 11 students
<i>Fall 2010</i>	<i>Parental Leave</i>
Spring 2010	<i>Marine Conservation Science &amp; Policy</i> (ENVS 1455), 16 students
Fall 2009	<i>Coastal Ecology and Conservation</i> (ENVS 0455) with M. Bertness, 13 students
Fall 2009	<i>Topics in Conservation Science</i> (BIOL 1970) with D. Sax and O. Sala, 20 students
Fall 2008	<i>Marine Conservation Science &amp; Policy</i> (ENVS 1455), 14 students
Fall 2007	<i>Marine Conservation Science &amp; Policy</i> (ENVS 1455), 24 students
Winter 2001	<i>Science &amp; Policy of Marine Reserves</i> , Oregon State Univ., 24 students

### *Independent Studies*

Spring 2014	<i>Independent Study</i> (BIOL 1970: K. Cortes), Brown Univ. <i>Reading &amp; Res.</i> (BIOL 2980; K. Pellowe-Wagstaff, S. Crosby), Brown Univ.
Fall 2013	<i>Independent Study</i> (BIOL 1960: M. Palmer), Brown Univ. <i>Reading &amp; Res.</i> (BIOL 2980; K. Pellowe-Wagstaff, S. Corman), Brown Univ.
Spring 2013	<i>Independent Study</i> (ENVS 1971: K. Siegel), Brown Univ. <i>Reading &amp; Research</i> (BIOL 2980; S. Corman), Brown Univ.
Fall 2012	<i>Independent Study</i> (ENVS 1970: K. Siegel), Brown Univ. <i>Reading &amp; Research</i> (BIOL 2980; S. Corman), Brown Univ.

## 9. Teaching (continued)

### *Independent Studies (continued)*

- Spring 2012    *Reading & Research* (BIOL 2980; S. Corman), Brown Univ.  
*Reading & Research* (ENVS 2980, L. Watka), Brown U.  
*Independent Study* (BIOL 1960; M. Ivens-Duran, C. Brisson), Brown Univ.  
*Independent Study* (ENVS 1970; B. Black), Brown Univ.
- Fall 2011    *Reading & Research* (BIOL 2980; S. Corman), Brown Univ.  
*Reading & Research* (ENVS 2980, L. Watka), Brown U.  
*Independent Study* (BIOL 1960; M. Ivens-Duran, C. Brisson), Brown Univ.  
*Independent Study* (ENVS 1970; K. Woo, B. Black), Brown Univ.
- Spr 2011    *Reading & Research* (BIOL 2980; S. Corman), Brown Univ.  
*Independent Study* (ENVS 1970; E. Van Arsdale, E. Lamb), Brown Univ.  
*Reading & Research* (ENVS 2980, L. Watka, C. Mattison), Brown U.  
*Independent Study* (BIOL 1960; J. Adler, N. Sibinga), Brown Univ.
- Fall 2010    *Independent Study* (BIOL 1950: J. Adler, N. Chu, N. Sibinga), Brown Univ.  
*Independent Study* (ENVS 1970: E. Lamb, E. Van Arsdale), Brown Univ.  
*Reading & Research* (ENVS 2980: L. Watka, C. Mattison), Brown Univ.  
*Reading & Research* (BIOL 2980: S. Corman), Brown Univ.
- Spr 2010    *Reading & Research* (BIOL 2980; S. Corman), Brown Univ.  
*Independent Study* (ENVS 1970; L. Richter), Brown Univ.  
*Independent Study* (BIOL 1960; K. Sebasky), Brown Univ.
- Fall 2009    *Independent Study* (ENVS 1970, B. Brooks-Stocking & L. Richter)  
*Reading & Research* (ENVS 2981, T. Gancos), Brown Univ.  
*Independent Study* (BIOL 1950; K. Sebasky), Brown Univ.  
*Reading & Research* (ENVS 2980; S. Corman), Brown Univ.
- Spr 2009    *Reading & Research* (ENVS 2980), Brown Univ. (2 students)  
*Independent Study* (ENVS 1970), Brown Univ. (2 students)
- Spr 2008    *Independent Study* (BIOL 1960; J. Bernhardt), Brown Univ.

### *Selected Guest Lectures*

- 2008, 2011    *Conservation Biology*, Brown University  
2010    *Environmental Science*, Brown University  
2009    *Introduction to Environmental Studies*, Brown University  
2008    *Marine Affairs Graduate Seminar*, University of Rhode Island  
2008, 2005    *Conservation Biology*, Brandeis University  
2005    *Conservation Biology*, Princeton University  
2003    *Invertebrate Biology*, Oregon State University  
2002    *Marine Protected Areas*, Oregon Inst. of Marine Biology, University of Oregon

## 9. Teaching (continued)

### *Advising*

#### Graduate Students

1. K. Pellowe-Wagstaff, PhD student, Ecology & Evol. Biology (EEB), Advisor (2013-on)
2. S. Crosby, PhD in Ecology & Evolutionary Biology, Co-advisor (2009-2014)
3. L. Watka, MA in Environmental Studies, Thesis Advisor, (2010-2012)
4. C. Mattison, MA in Environmental Studies. Thesis Advisor (2009-2011)
5. T. Gancos, MA in Environmental Studies. Thesis Advisor (2008-2010)
  
6. R. Lamb, PhD student, EEB Committee member (2014-on)
7. M. Brandt, PhD student, EEB. Committee member (2007-2011)
8. L. Brin, PhD candidate, Brown/MBL Program & EEB com. member (2009-on)
9. A. Angermeyer, PhD candidate, Brown/MBL Program & EEB com. member (2010-on)
10. L. Szathmary, PhD student, EEB committee member (2010-12)
  
11. L. Mattison, MA in Environmental Studies. Committee member (2007-2009)
12. J. LaChance, MA in Environmental Studies. Committee member (2012)

#### Postdoctoral Research Associates

1. Leila Sievanen, 2009-2012 (Ecosystem-based management, coupled systems in Mexico)
2. Sheila Walsh, 2009-2011 (ECI Postdoctoral Fellow focused on Mexico)
3. Keryn Gedan, 2009-2010 (Multiple stressors in coastal systems)

#### Undergraduates

1. Katherine Siegel, Environmental Science, Thesis advisor (2012-2013)
2. Caitlin Brisson, Marine Biology, Thesis co-advisor with M. Cockrell (2011-2012)
3. Morgan Ivens-Duran, Marine Biology, Thesis co-advisor with S. Corman (2011-2012)
4. Kara Woo, Environmental Studies. Capstone advisor (2011-2012)
5. Bridgette Black, Environmental Studies. Thesis advisor (2011-2012)
6. Allison Wentz, Applied Math, Thesis co-advisor with S. Walsh & M. Maxey (2010-11)
7. Jenny Adler, Marine Biology, Thesis co-advisor with S. Corman (2010-2011)
8. Nathaniel Sibinga, Marine Biology, Thesis co-advisor with S. Corman (2010-2011)
9. Emily Lamb, Environmental Studies. Thesis co-advisor with J Shinen (2010-2011)
10. Eric Van Arsdale, Environmental Studies. Capstone project advisor (2010-2011)
11. Lee Richter, Environmental Studies. Thesis advisor (2009-2010)
12. Kristen Sebaskey, Human Biology. Thesis advisor (2009-2010)
13. Brendyn Brooks-Stocking, Environmental Studies. Thesis advisor (2008-2009)
14. David Koweek, Geology-Biology. Thesis co-advisor with W Prell (2008-2009)
15. Scott Lowenstein, Economics. Thesis co-advisor with S Nagavarapu (2008-2010)
16. Joanna Bernhardt, Human Biology. Thesis co-advisor with K Gedan (2008-2009)

## 9. Teaching (continued)

### *Advising (continued)*

1. Ozge Gencler, Human Biology. Thesis committee member (2012)
2. Christine Zaleski, Environmental Studies. Thesis committee member (2010-2011)
3. Nick Hermann, Environmental Studies. Thesis committee member (2009-2010)
4. Laura Dee, Human Biology. Thesis committee member (2009)
5. Alex Chuman, Environmental Studies. Thesis committee member (2009)
6. Katie Okomoto, Environmental Studies. Thesis committee member (2009)
7. Lindsay Hageman, Environmental Studies. Thesis committee member (2008)

### Researchers hosted and other advisees

1. Megan Palmer, Biology, Class of 2014, Independent Researcher (2013-2014)
2. Karen Cortes, Marine Biology, Class of 2014 & Voss Fellow (2013-14)
3. Catherine Luria, Brown-MBL PhD Candidate, Summer 2013
4. Darius Stanton, Leadership Alliance Fellow from Claflin University, Summer 2013
5. Harriet Booth, Brown Univ. Class of 2013, Summer 2013
6. Hannah Kerman. Brown Univ. Class of 2015, Spring 2013
7. Lucy Zipf, Brown University, Class of 2013, Spring 2012
8. Marcy Cockrell, Research Assistant, April 2010-May 2012
9. Nathaniel Chu, Brown University, Class of 2012, October 2008-December 2010
10. Joanna Bernhardt. Brown University, Class of 2009, January 2008-April 2010
11. Ben Apple, Brown University, Class of 2009, Spring 2009
12. Laura Chartier. Univ. of Rhode Island, Class of 2008, RI EPSCoR 2008 Summer Fellow
13. Currie Dugas, Brown University, Class of 2007, January 2008-August 2008