

HEATHER M. LESLIE

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Dr. Heather Leslie is a conservation scientist with expertise in coastal marine ecology; human-environment linkages, particularly those related to coastal marine fisheries; and the design and evaluation of marine management strategies.

Education

1992-1996 AB cum laude in Biology, Harvard University
1998-2004 PhD in Zoology, Oregon State University, Corvallis, Oregon
Graduate Advisors: Profs. Jane Lubchenco and Bruce Menge

Professional Appointments and Relevant Employment

8/2015- Director, Darling Marine Center and Libra Associate Professor, University of Maine
5/2012- Adjunct Assistant Scientist, Ecosystems Center, Marine Biological Laboratory
7/07-7/15 Sharpe Assistant Professor of Environmental Studies and Biology, Brown University
2007-2009 Visiting Research Collaborator, Princeton University
2004-2007 Postdoctoral Research Fellow, Princeton University (*Advisor: Prof. Simon Levin*)
1998-2004 Graduate Research/Teaching Assistant (various positions), Oregon State University
1998 Public Relations and Campus Coordinator, Darling Marine Center, University of Maine
1997-1998 AmeriCorps Volunteer with PADRE, a grassroots environmental nonprofit in Maine
1997-1998 Researcher, Manomet Center for Conservation Science (Brunswick, Maine)
1996-1997 Volunteer Researcher, Pronatura Yucatan (Merida, Mexico)
1996-1997 Volunteer Researcher, Instituto de Ciencias del Mar y Limnología (Mazatlan, Mexico)
1995 REU Fellow, H. J. Andrews Experimental Forest, Oregon State Univ./US Forest Service
1993, 1994 Researcher and Community Liaison, Massachusetts Audubon Society

Selected Peer-Reviewed Publications (6 most relevant of 42)

** Denotes postdoc, graduate, and undergraduate students that Leslie has advised*

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

Leslie, H. M., and 16 others. 2015. Operationalizing the social-ecological systems framework to assess sustainability. *Proceedings of the National Academy of Sciences* 112: 5979–5984.

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.

Leslie, H. M., and 10 others. 2013. How good science and stories can go hand-in-hand. *Conservation Biology* 27:1126-29.

Bernhardt, J. R.* and **H. M. Leslie**. 2013. Resilience to climate change in coastal marine ecosystems. *Annual Review of Marine Science* 5: 371-392.

Sievanen, L.,* L. Campbell, and **H. M. Leslie**. 2012. Challenges to interdisciplinary research in ecosystem-based management. *Conservation Biology* 26:315-323.

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Selected Recent Grants

<i>Pending</i>	Alliance for Maine's Marine Economy (\$16,000,000+). Proposal to the State of Maine in response to RFP#201507125, the marine economy & jobs bond. 12.3.15. (HL, co-PI).
2015-2018	CNH-L: Resilience and Adaptive Capacity of Small-Scale Fishing Communities and Coastal Marine Ecosystems to Environmental and Economic Variability (\$1,790,687). Funded by NSF's Coupled Natural and Human Systems (CNH) Program (HL, Lead PI).
2011-2014	Aligning Marine Management Institutions with Key Ecological & Economic Linkages in the Gulf of California, Mexico (\$243,358). Funded by NSF CNH (HL, Lead PI).
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).
2013-2014	Marine Hydrokinetic Energy Harvesting Using Cyber-Physical Systems (\$750,000). US Dept. of Energy's ARPA-E (HL, Co PI).

Selected Policy Briefings and Communication Activities

Communications Workshop for Faculty & Postdocs, Brown Univ. (2012); President Obama's Ocean Policy Task Force Working Group, Council on Environmental Quality, Dept. of Comm., Washington, DC (2009); Massachusetts Ocean Partnership's 'Ocean Management 101' Workshop, Boston (2008); COMPASS Communications Training Workshop for Young Scientists, Durham, NH (2007)

Synergistic Activities

1. *NSF Lead PI*. Since 2009, Leslie has led a National Science Foundation (NSF)-supported multi institutional, international research and training program focused on the coupled human-natural systems associated with Mexico's small-scale fisheries. <http://tinyurl.com/mxcnh>
2. *SEA Fellows*. Leslie, together with Prof. Brian Beal of UM-Machias, founded an applied marine science workforce development program that links academic researchers, undergraduates, and marine industry professionals. Seven students from Maine institutions participated in 2016, thanks to support from the NSF EPSCoR program, SEANET. <http://tinyurl.com/SEA16>
3. *Voss Environmental Fellows, Founder & Director*. From 2008-2015, Leslie directed an undergraduate training program in environmental science and policy at Brown University. 39 students from 7 different disciplines participated, along with 15 faculty and >25 external mentors.
4. *Scientific Advisor*. From 2009-2015, Leslie served on the board of the Rhode Island chapter of The Nature Conservancy. Previous advisory roles included COMPASS and the Natural Capital Project.

Selected Honors & Awards

Leopold Leadership Fellow (2015); Brown University Engaged Scholar, honored by the Swearer Center for Public Service (2009); National Science Foundation Graduate Research Fellow (1999-2002)

Teaching & Mentoring

Dr. Leslie has taught courses in marine ecology and conservation science at multiple universities, and supervised 17 undergraduate theses, 6 graduate theses, and 3 postdoctoral research associates. She is committed to diversifying the STEM workforce, and has served as a reviewer for the Doris Duke Conservation Scholars Program.