

**LEAH R. GERBER**  
ECOLOGY, EVOLUTION, AND ENVIRONMENTAL SCIENCE  
SCHOOL OF LIFE SCIENCES, ARIZONA STATE UNIVERSITY  
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**ACADEMIC TRAINING**

1998 Ph.D., Wildlife Science, University of Washington  
1993 M.M.A., Marine Policy, University of Washington  
1992 B.A., Biology, Mills College

**POSITIONS HELD**

2002- Assistant Professor, Arizona State University, Tempe, AZ  
1998-02 Postdoctoral Fellow, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA  
1993-8 Research Assistant, Washington Cooperative Fish and Wildlife Research Unit, Seattle, WA  
1993-8 Wildlife Biologist, National Marine Mammal Laboratory, Seattle, WA  
1992-3 Biological Diversity Associate, Center for Marine Conservation, Seattle, WA

**GRANTS AND RESEARCH CONTRACTS**

*\*unless otherwise indicated, LRG is principal investigator (PI)*

*Behavior and Demography in California Sea Lions*

2006 NSF, Developing Global Scientists and Engineers Grant Supplement (\$20,000)  
2006 NSF, Research Experience for Undergraduates Grant Supplement (\$6,000)  
2005 NSF, Research Experience for Undergraduates Grant Supplement (\$6,000)  
2004 NSF, Undergraduate Mentoring in Environmental Biology (\$60,000; PI: J. Collins, ASU)  
2004 NSF, Faculty Early Career Development (CAREER) Award (\$500,000)

*Gulf of California Marine Reserves*

2006 David and Lucile Packard Foundation Grant (\$40,000)  
2006 Ocean Foundation Grant (\$45,000)  
2005 Conservation International Grant (\$40,000)  
2004 David and Lucile Packard Foundation Grant (\$30,000)  
2003 David and Lucile Packard Foundation Grant (\$205,275; PI: E. Sala, UCSD)  
2003 Tinker Foundation Grant (\$107,000; PI: E. Sala, UCSD)  
2003 World Wildlife Foundation–Mexico Grant (\$30,000)  
2003 Conservation International Grant (\$60,000; PI E. Sala, UCSD)

*ASU Internal Grants*

2005 Arizona State University Office of University-School Partnerships, Embracing Infinite Possibilities Grant (with N. Crocker, C. Saltz, M. Elser, and D. White, \$12,000)

*Pre-ASU Research Support*

2001 USGS, National Wildlife Health Laboratory Contract (\$9,000)  
1998 NOAA, Endangered Species Act Implementation Grant (\$21,000; PI: G. VanBlaricom, UW)  
1998 NOAA, National Marine Mammal Laboratory Research Contract (\$5,000)  
1998 New Zealand Squid Fishery Management Council Research Contract (\$5,000)  
1997 NOAA, Endangered Species Act Implementation Grant (\$25,000; PI: G. VanBlaricom, UW)  
1997 NOAA, National Marine Mammal Laboratory Research Contract (\$5,000)  
1996 North Pacific Marine Mammal Research Consortium Grant (\$10,000)  
1996 NOAA, Endangered Species Act Implementation Grant (\$24,000; PI: G. VanBlaricom, UW)

- 1995 US Marine Mammal Commission Research Contract (\$5,000)
- 1994 NOAA, Southwest Fisheries Science Center Research Contract (\$7,500)
- 1993 NOAA, National Marine Mammal Laboratory Research Contract (\$2,500)
- 1992 North Pacific States Marine Fisheries Commission Research Contract (\$4,500)

#### PENDING GRANTS AND RESEARCH CONTRACTS

- 2007 NSF Grant Proposal, “Engaging citizens, underrepresented high school students, and undergraduates in the marine sciences” (\$60,000)
- 2007 Ocean Foundation Grant, “A spatially-explicit decision framework for marine reserve management in the Gulf of California, Mexico” (\$175,000)
- 2007 Lenfest Ocean Program Letter of Intent (solicited), “Mitigating negative interactions between sea lions and fisheries in the Gulf of California, Mexico” (\$250,000)
- 2006 David and Lucile Packard Foundation Grant Proposal, “Recreational values and benefit transfers of fishery resources in the Gulf of California, Mexico” (\$55,000)
- 2006 NSF Grant Proposal, “Human dimensions in marine mammal conservation: Sea lions and local communities in the Gulf of California, Mexico” (\$150,000)
- 2006 NSF Undergraduate Research and Mentoring Proposal, “Ecology and Evolution of Infectious Diseases”, (\$102,000; PI: Ananias Escalante, with Ann Kinzig, Phil Hedrick, Carlos Castillo-Chavez and Ann Stone)
- 2006 Proposal for working group and postdoctoral fellow on “Benthic-pelagic linkages in marine reserve design” at the National Center for Ecological Analysis and Synthesis

#### PUBLICATIONS

1. **Gerber, L.R.** 2006. Including behavioral data in demographic models may improve estimates of population viability. *Frontiers in Ecology and the Environment* 4(8):419-427.
2. Zacharias, M.A., **L.R. Gerber**, K. D. Hyrenbach. 2006. Incorporating the science of marine reserves into IWC Sanctuaries: The Southern Ocean Sanctuary. *Journal of Cetacean Research and Management* 8(1):12-25.
3. Gonzalez-Suarez, M., K.E. McCluney, D. Aurioles, and **L.R. Gerber**. 2006. Incorporating uncertainty in spatial structure for viability predictions: A case study of California sea lions (*Zalophus californianus californianus*). *Animal Conservation* 6:219-227.
4. Wielgus J., F. Ballantyne, E. Sala and **L.R. Gerber**. *In Press (2007)*. Estimating population parameters for marine species with ontogenetic shifts and variable environments. *Conservation Biology*.
5. Ward, E., R. Hilborn, R. Towell and **L.R. Gerber**. *In Press (2007)*. Do catastrophes affect Northern fur seal pup production? *Canadian Journal of Fisheries and Aquatic Sciences*.
6. Sabo, J.L. and **L.R. Gerber**. *In Press (2007)*. Predator prey oscillations may bias predictions from single-species viability models. *Ecological Applications*.
7. **Gerber, L.R.**, M. Beger, M.A. McCarthy, and H.P. Possingham. 2005. A theory for optimal monitoring of marine reserves. *Ecology Letters* 8(8): 829-837.
8. **Gerber, L.R.**, K.D. Lafferty, H. McCallum J.L. Sabo and A. Dobson. 2005. Exposing extinction risk analysis to pathogens: Is disease just another form of density dependence? *Ecological Applications* 15(4): 1402-1414.
9. **Gerber, L.R.**, K. D. Hyrenbach and M.A. Zacharias. 2005. Debating whale sanctuaries. *Science* 309:51-52.
10. **Gerber, L.R.**, K. D. Hyrenbach and M.A. Zacharias. 2005. Do the world’s largest protected areas conserve whales or whalers? *Science* 307:525-526.
11. **Gerber, L.R.**, S. Heppell, F. Ballantyne and E. Sala. 2005. The role of dispersal and demography in determining the efficacy of marine reserves. *Canadian Journal of Fisheries and Aquatic Sciences* 62:863-871.

12. McCallum, H., **L.R. Gerber**, and A. Jani. 2005. Does Infectious Disease Influence the Efficacy of Marine Protected Areas? A Theoretical Framework. *Journal of Applied Ecology* 42 (4): 688-698.
13. J.L. Green, A. Hastings, P. Arzberger, F. Ayala, K. Cottingham, K. Cuddington, F. Davis, J. Dunne, M. Fortin, **L.R. Gerber**, and M. Neubert. 2005. Complexity in ecology and conservation: mathematical, statistical, and computational challenges. *BioScience* 55:6.
14. **Gerber, L.R.** and K.E. Buenau and G. VanBlaricom. 2004. Density dependence and risk of extinction in a small population of sea otters. *Biodiversity and Conservation* 13: 2741-2757.
15. Harvell, D., R. Aronson, N. Baron, J. Connell, A. Dobson, S. Ellner, **L.R. Gerber**, K. Kim, A. Kuris, H. McCallum, K. Lafferty, B. McKay, J. Porter, M. Pascual, G. Smith and K. Sutherland. 2004. The rising tide of ocean diseases: Unsolved problems and research priorities. *Frontiers in Ecology and the Environment* 2(7):375-382.
16. **Gerber, L.R.**, M.T. Tinker, D. Doak and J. Estes. 2004. Mortality sensitivity in life-stage simulation analysis: A case study of Southern sea otters. *Ecological Applications* 14(5): 1554-1565.
17. **Gerber, L.R.** and S.S. Heppell. 2004. The use of demographic sensitivity analysis in marine species conservation planning. *Biological Conservation*. 120:121-128.
18. Hooker, S. and **L.R. Gerber**. 2004. Potential importance of megafauna: Marine reserves as a tool for ecosystem-based management? *BioScience* 54(1):29-41.
19. Micheli, F., P. Amarasekare, J. Bascompte, and **L.R. Gerber**. 2004. Including species interactions in the design and evaluation of marine reserves: Simple rules from a predator-prey model. *Bulletin of Marine Science* 74(3):653-669.
20. A.C. Keller and **L.R. Gerber**. 2004. Monitoring and the Endangered Species Act: Revisiting the Eastern North Pacific Gray Whale. *Endangered Species UPDATE* 20(1): 87-92.
21. **Gerber, L.R.**, O.J. Reichman and J. Roughgarden. 2004. Food hoarding: future value in optimal foraging decisions. *Ecological Modeling* 175:77-85.
22. **Gerber, L.R.**, E.W. Seabloom, R. Burton and O.J. Reichman. 2003. Translocation of an imperiled species: Integrating spatial and habitat patterns. *Animal Conservation* 6:309-316.
23. Buenau, K.E. and **L.R. Gerber**. 2003. Developing recovery and monitoring strategies for the endemic Mount Graham Red Squirrel (*Tamiasciurus hudsonicus grahamensis*) in Arizona. *Animal Conservation* 7:1-6.
24. **Gerber, L.R.** 2003. Delisting of species under the Endangered Species Act. *Conservation Biology* 17(3):651-652.
25. Shelden, K.E, D.J. Rugh, D.P. DeMaster and **L.R. Gerber**. 2003. An evaluation of bowhead whale status. *Conservation Biology* 17(3): 918-920.
26. **Gerber, L.R.**, L. Botsford, A. Hastings, H. Possingham, S. Gaines, S. Palumbi and S. Andelman. 2003. Population Models for Reserve Design: A retrospective and prospective synthesis. *Ecological Applications* 13: S47-64.
27. **Gerber, L.R.** and L.T. Hatch. 2002. Are we recovering? An evaluation of recovery criteria under the U.S. Endangered Species Act. *Ecological Applications* 12(3): 668-673.
28. Schultz, C and **L.R. Gerber**. 2002. Are Endangered Species Act recovery plans on the road to recovery? *Ecological Applications* 12(3): 641-647.
29. **Gerber, L.R.**, P.M. Kareiva and J. Bascompte. 2002. The interplay of life history attributes and fishing pressure in evaluating efficacy of marine reserves. *Biological Conservation* 106:11-18.
30. Lafferty, K. and **L.R. Gerber**. 2002. Good medicine for conservation biology: The intersection of epidemiology and conservation theory. *Conservation Biology* 16(3):1-12.
31. **Gerber, L.R.**, and G.R. VanBlaricom. 2001. Implications of three viability models for the conservation status of the Western Population of Steller Sea Lions (*Eumetopias jubatus*). *Biological Conservation* 102(3):261-269.
32. **Gerber, L.R.** and C. Schultz. 200. Authorship and the use of science in Endangered Species Act Recovery Plans. *Conservation Biology* 15(5):1308-1314.
33. **Gerber, L.R.** 2001. Conservation biology of cetaceans in marine communities of Baja California: Science or Advocacy? *Global Ecology and Biogeography* 10(3) 335-336.

34. **Gerber, L.R.** and R. Hilborn. 2001. Estimating the frequency of catastrophic events and recovery from low densities: Examples from populations of otariids. *Mammal Review* 31(2): 131-150.
35. **Gerber, L.R.** 2000. Science and Sentimentality. *American Scientist* 88(6):477-478.
36. **Gerber, L.R.**, S.L. Perry and D.P. DeMaster. 2000. Measuring success in conservation. *American Scientist* 88(4):316-324.
37. **Gerber, L.R.** and D.P. DeMaster. 1999. An approach to Endangered Species Act classification of long-lived vertebrates: A case Study of North Pacific Humpback Whales. *Conservation Biology* 13(5):1203-1214.
38. **Gerber, L.R.**, D.P. DeMaster and P.M. Kareiva. 1999. Gray whales illustrate the value of monitoring data in implementing the Endangered Species Act. *Conservation Biology* 13(5):1215-1219.
39. **Gerber, L.R.**, W. Wooster, D.P. DeMaster and G.R. VanBlaricom. 1999. Marine mammals: New objectives in U.S. fishery management. *Reviews in Fishery Science* 7(1):23-28.
40. **Gerber, L.R.** 1998. Seeking a rational approach to setting conservation priorities for marine mammals. *Integrative Biology* 1:212-221.
41. Norse, E.N., and **L.R. Gerber**. 1993. A Global Strategy for Preserving Biological Diversity in the Sea. *Diversity* 9(3):40-44.

*Manuscripts in Revision or in Review*

42. McCallum, H., **L.R. Gerber**, and K. Lafferty. *In Revision*. Are marine reserves good for parasites? *Frontiers in Ecology and the Environment*.
43. J.K. Young and **L.R. Gerber**. *In Revision*. Distinct reproductive behaviors of male California sea lions (*Zalophus californianus*) at territories and bachelor groups in the Gulf of California, Mexico. *Journal of Mammalogy*.
44. Wielgus, J., **L.R. Gerber**, E. Sala and J. Bennett. *In Revision*. Including scenario risk in stated preference valuations: An experiment on choices for marine recreation. *Journal of Environmental Economics and Management*.
45. **Gerber, L.R.**, A.C. Keller, and D.P. DeMaster. *In Revision*. One down and 22 more to go: Is the Western Arctic stock of bowhead whale endangered? *Biological Conservation*.
46. **Gerber, L.R.**, J. Wielgus and E. Sala. *In Review*. A decision framework for adaptive management of marine reserves. *Conservation Biology*.
47. Rowell, K. K.W. Flessa, D. Dettman, M.J. Roman, L.T. Findley, and **L.R. Gerber**. *In Review*. Otoliths establish baseline life history for fish in the pre-dam Colorado River Estuary. *Ecology Letters*.
48. Jacobs, D.F., J.K. Young, C.J. Hernandez and **L.R. Gerber**. *In Review*. The role of aggressive behavior in territorial disputes in California sea lions. *Ethology*.
49. Underwood, J., C. Hernandez, and **L.R. Gerber**. *In Review*. Assessing the impact of bycatch on California sea lions in the Gulf of California. *Conservation Biology*.
50. J.K. Young, J.K., C.J. Hernandez and **L.R. Gerber**. *In Review*. Unprecedented movement of a California sea lion neonate. *Marine Mammal Science*.
51. Wielgus, J., E. Sala, J.M. Anderies and **L.R. Gerber**. *In Review*. Allocating resources to conservation and economics in the short-term management of a Marine Protected Area. *Ecological Economics*.
52. Gonzalez-Suarez, M. and **L.R. Gerber**. *In Review*. Demographic consequences of behavioral mechanisms of habitat selection. *Conservation Biology*.

*Encyclopedia Articles, Book Chapters and Technical Reports*

1. Szyren, D., D. Aurioles and **L.R. Gerber**. 2006. Population status and trends of the California sea lion (*Zalophus californianus californianus*) in the Gulf of California, México. In: Trites, A., S. Atkinson, D. DeMaster, L. Fritz, T. Gelatt, L. Rea, and K. Wynne (Eds.), *Sea Lions of the World: Conservation and Research in the 21st Century*. Alaska Sea Grant College Program, University of Alaska Fairbanks.

2. **Gerber, L.R.** 2004. Biological uncertainty and extinction risk for Steller sea lions (*Eumetopias jubatus*) In: R.A. Akcakaya (Ed.), Developing models for conservation and management using RAMAS GIS. Island Press, Washington, DC.
3. Sabo, J.S. and **L.R. Gerber**. 2001. Trophic Ecology. In: McGraw-Hill Encyclopedia of Science and Technology, McGraw-Hill Book Co., New York.
4. Andelman, S.J., S. Beissinger, J.F. Cochrane, **L.R. Gerber**, P.Gomez-Priego, C. Groves, J. Haufler, R. Holthausen, D. Lee, L. Maguire, B. Noon, K. Ralls, H. Regan. 2001. Scientific standards for conducting viability assessments under the National Forest Management Act: Report and recommendations of the NCEAS working group. Available upon request from the National Center for Ecological Analysis and Synthesis.
5. VanBlaricom, G.R., **L.R. Gerber**, and R.L. Brownell, Jr. 2000. Extinctions of marine mammals. Pages 37-69 In: S.A. Levin (editor). Encyclopedia of Biodiversity, Volume 4. Academic Press, San Diego.
6. **Gerber, L.R.** 1999. Marine Conservation and Marine Reserves In: McGraw-Hill Encyclopedia of Science and Technology, McGraw-Hill Book Co., New York, ISBN 0-07-052771-7.
7. Morris, W., D. Doak, M. Groom, P. Kareiva, J. Fieberg, **L. Gerber**, P. Murphy, and D. Thomson. 1999. A practical handbook for population viability analysis. The Nature Conservancy, ISBN: 0-9624590-4-6. 133 pp.
8. **Gerber, L.R.** 1999. Scientific uncertainty and sentimentality: Extinctions & protective legislation of marine mammals In: International Cooperation in Science and Technology. Sigma Xi, The Scientific Research Society, Inc. ISBN: 0-914446-13-4.
9. **Gerber, L.R.** and G.R. VanBlaricom. 1997. Fishery conflicts involving sea otters (*Enhydra Lutris*) in Washington state waters. Report to the U.S. Marine Mammal Commission. 107 pp.
10. **Gerber, L.R.** and D.P. DeMaster. 1997. Endangered Species Act classification criteria for North Pacific humpback whales In: P.S. Hill and D.P. DeMaster, Marine Mammal Protection Act and Endangered Species Act Implementation Program 1996. AFSC Processed Report 97-10, US Department of Commerce.
11. Hilborn R., M. Pascual, **L.R. Gerber**, and F. Gulland. 1997. The impact of incidental catch on Hooker's sea lions *Phocarcotos hookeri*. Report to the Squid Fishery Management Co. Ltd. 51 pp.
12. DeMaster, D.P. and **L.R. Gerber**. 1997. A new approach to classifying the central North Pacific Stock of Humpback Whales Under the Endangered Species Act. Alaska Fisheries Science Center Quarterly Report, Feature Article October-December 1997:1-4.
13. **Gerber, L.R.** and G.R. VanBlaricom. 1996. Quantitative criteria for Endangered Species Act Classification of the Western Population of Steller Sea Lions. Report to the North Pacific Universities Marine Mammal Research Consortium. 53 pp.

#### AWARDS

- 2006 President's Medal for Social Embeddedness, K-12 Environmental Education Program, ASU
- 2003 Towards Best Practices in Biocomplexity and Conservation Award, U.S. Geological Survey, National Biological Information Infrastructure (\$2000)
- 1998 Outstanding Doctoral Student Performance, WA Coop. Fish and Wildlife Research Unit (\$1000)

#### TEACHING

- 2002-7 Arizona State University: Advanced Conservation Biology (population biology and extinction)
- 2003 Arizona State University: Applications of Behavioral Ecology to Conservation Biology
- 2003-6 Arizona State University: Marine Conservation Biology
- 2002 University of Oregon: Marine Protected Areas (field course at marine lab)
- 2002 Prescott College: Marine Mammal Biology and Conservation (field course in Mexico)
- 2000 University of California at Santa Barbara: Problem-Solving in Conservation Biology
- 1999 University of California at Santa Barbara: Graduate Seminar on ESA Recovery Plans
- 1998 The Nature Conservancy: Population Viability Analysis Workshop

1998 University of Washington, Friday Harbor Laboratories: Marine Conservation Biology  
1993 University of Washington: Ecology and the Biosphere

## STUDENTS

### *Postdoctoral Researchers*

Michael Westphal (Fall 2003-Fall 2004, co-advised with E. Sala, currently AAAS Fellow)  
Ford Ballantyne (Fall 2003-Fall 2005, co-advised with E. Sala, currently postdoc at Princeton)  
Jeffrey Wielgus (Fall 2004-Fall 2006, co-advised with E. Sala, currently postdoc at UBC)  
Julie Young (Spring 2006-current)  
Caterina D'Agrosa (Fall 2006-current)

### *Doctoral Students - primary advisor*

Manuela Gonzalez-Suarez (Fall 2003-current)  
Jennifer Rupnow (Fall 2003-current)  
Claudia Camacho-Hernandez (Fall 2004-current)  
Jared Underwood (Fall 2004-current)

### *Doctoral Students - committee member*

Alan Giese (Fall 2002-Fall 2005)  
Kirsten Rowell (University of Arizona, Fall 2002-Spring 2006)  
Richard Fredrickson (Fall 1999-current)  
Benjamin Campbell (Fall 2004-current)  
Chien Lai (Fall 2000-current)  
Sarah Boyle (Fall 2001-current)  
Mark Neff (Fall 2006-current)  
Jason Schooley (Fall 2006-current)  
Angela Picco (Fall 2004-current)  
Verma Miera (Fall 2002-current)  
Diana Szern (University of Baja California Sur, Mexico, Fall 2004-current)  
TaShana Taylor (University of Arizona, Fall 2003-current)

### *Masters Students – primary advisor*

Sage Tezak (Spring 2006-current)

### *Undergraduate Students – primary advisor*

Kate Buenau (Honors student, graduated Spring 2003, currently PhD candidate at UC Santa Barbara)  
Jennifer Laliberte (Honors student, graduated Spring 2004, currently MS Student at Duke University)  
Lauren Horwitz (graduated Spring 2005, currently PhD student at San Diego State University)  
Pam Marcum (graduated Spring 2005, currently high school science instructor)  
Cristen Jester (Graduated Spring 2004, currently employed with the Bureau of Land Management)  
Andrew Keller (Fall 200, currently MS student at ASU)  
Cindi Girardin (Graduated Spring 2005, unknown)  
Ashley Robota (School of Life Sciences Undergraduate Research Assistant, Fall 2004-Fall 2005)  
Tiffany Lewis (Fall 2005-current)  
Matthew Petelle (Fall 2006-current)  
Michael Britt (Spring 2005-current)  
Kathy Robertson (School of Life Sciences Undergraduate Research Assistant, Spring 2005-current)  
David Green (School of Life Sciences Undergraduate Research Assistant, Fall 2004-current)  
David Jacobs (School of Life Sciences Undergraduate Research Assistant, Fall 2006-current)

## SERVICE

### *National*

- 2006 Advisory Panel for NSF CAREER program
- 2003- Editorial Board, *Conservation Biology*
- 2004- Editorial Board, *Endangered Species Research*
- 2002- Recovery Team Member, White Abalone Recovery Team
- 2002- Recovery Team Member, Mount Graham Red Squirrel Recovery Team
- 2002 Reviewer, President's Panel on Ocean Exploration, NOAA
- 2002 Advisory Panel Member, Abalone Recovery and Management Team
- 2000-2 Policy Committee, Society for Conservation Biology Board of Governors
- 2002-5 Science Chair, Marine Section of the Society for Conservation Biology
- 1996-8 Member-at-Large, Society for Marine Mammalogy Board of Governors
- 2003 Reviewer, Ecology and Biological Oceanography Panels, National Science Foundation

### *Regional and ASU*

- 2004- Research Coordination Network for the Colorado Delta Region, NSF
- 2005- Scientific Diving Control Board, Arizona State University
- 2002- Co-director, Undergraduate Conservation Biology Program, Arizona State University
- 2003 Undergraduate Programs Committee, Arizona State University

## PROFESSIONAL AFFILIATIONS

- American Association for the Advancement of Science
- American Society of Mammalogists
- Association for Women in Science
- Ecological Society of America
- Sigma Xi
- Society for Conservation Biology
- Society for Marine Mammalogy

## SYMPOSIA & WORKSHOPS ORGANIZED

- 2003 Comparing Marine and Terrestrial Ecosystems: Implications for Conservation Theory and Practice, 17<sup>th</sup> Annual Society for Conservation Biology Meeting in Duluth, Minnesota
- 2001 Application of Top Predator Distribution to Design & Efficacy of Marine Reserves, Symposium at 15<sup>th</sup> Annual Society for Conservation Biology Meeting (with Dr. Sascha Hooker, University of Aberdeen)
- 2001 Sea Otter Demographic Modeling Working Group, NCEAS (see [www.nceas.ucsb.edu](http://www.nceas.ucsb.edu))
- 1997 Humpback Whale Classification Workshop, NMFS (with Dr. DeMaster, NOAA Fisheries)
- 1997 1<sup>st</sup> Biennial Student Affairs Workshop, Society for Marine Mammalogy

## SELECTED PRESENTATIONS

### *Invited Research Seminars*

- 2004 Yale University, New Haven, Connecticut
- 2004 University of Queensland, Australia
- 2003 University of Chicago, Chicago, Illinois
- 2004 University of Arizona, Tuscon, Arizona
- 2002 University of Oregon (Marine Lab), Charleston, Oregon
- 2002 Southern Illinois University, Carbondale, Illinois
- 2001 Washington State University, Vancouver, Washington
- 2001 Washington State University, Pullman, Washington
- 2001 University of California, Davis, California
- 2000 University of Washington, Seattle, Washington
- 1999 Trinity College, Hartford, Connecticut

- 1999 University of California, Santa Barbara, California
- 1998 College of the Atlantic, Bar Harbor, Maine
- 1997 University of British Columbia, Vancouver, Canada

*Invited Symposia*

- 2006 The Nature Conservancy Symposium on Conservation Science in Practice: Linking Science/Practice to Global Conservation, Tucson, Arizona
- 2006 "Speed Presentation" Session at Society for Conservation Biology meeting in San Jose, California.
- 2005 "Marine Ecosystem-based Management: Lessons from the Land", Symposium at the 2005 Annual Meeting of the American Association for the Advancement of Science, Washington DC.
- 2004 "Disease Ecology and Declining Populations: Analyzing and Predicting Disease in Sensitive Populations", Symposium at Ecological Society of American meeting in Portland, Oregon.
- 2005 "Conservation of Wide Ranging Predators" Symposium at Society for Conservation Biology meeting in Duluth, Minnesota
- 2003 "Building on Beverton's Legacy: Life History Variation and Fisheries Management" Symposium at American Fisheries Society Meeting in Quebec City, Canada
- 2003 NSF/NIH Symposium on Accelerating Mathematical-Biological Linkages, Washington DC
- 2001 Pelagic Predators and Processes workshop, Santa Cruz, California
- 2000 "Best Available Science in Marine Conservation" Workshop, Pew Foundation, Honolulu, Hawaii
- 1999 Sigma Xi Forum in Vancouver, British Columbia, Canada
- 1999 6th Joint U.S.-Russia Sea Otter Workshop, Forks, Washington
- 1999 U.S. Marine Mammal Commission, Seaside, California

*Selected Oral Presentations at Professional Meetings*

- 2004 Sea Lions of the World Conference in Anchorage, Alaska
- 2004 Gulf of California Conference in Tuscon, Arizona
- 2002 Society for Conservation Biology meeting in Canturbury, UK
- 2002 Ecological Society of America Meeting in Tuscon, Arizona
- 2001 Society for Conservation Biology meeting in Hilo, Hawaii
- 2000 Society for Conservation Biology meeting in Missoula, Montana
- 1999 Society for Marine Mammalogy meeting in Maui, Hawaii
- 1999 Ecological Society of America Meeting in Spokane, Washington
- 1999 Population Viability Conference, San Diego, California
- 1999 Society for Conservation Biology in Baltimore, Maryland
- 1997 Society for Conservation Biology meeting in Victoria, Canada
- 1996 Society for Conservation Biology meeting in Providence, Rhode Island
- 1995 Society for Marine Mammalogy meeting in Orlando, Florida
- 1995 Society for Conservation Biology meeting in Fort Collins, Colorado