

Biographical Sketch
Andrew J. Pershing

Personal

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(a) Professional Preparation

Undergraduate:	Brown University	Aquatic Biology	B. S. 1995
Graduate:	Cornell University	Ecology	Ph. D. 2001
Post Doctoral:	Cornell University	Biological Oceanography	2001-2002

(b) Appointments & Professional Experience

2006—present Research Assistant Professor, School of Marine Sciences, University of Maine, Orono, ME

2004—2006 Assistant Professor, Department of Earth & Atmospheric Sciences, Cornell University, Ithaca, NY . Joint appointment with the Faculty of Computing and Information Science

2001—2003 Instructor, Faculty of Computing and Information, Cornell University, Ithaca, NY

2002—2003 Research Associate, Department of Earth & Atmospheric Science, Cornell University, Ithaca, NY

(c) Five Relevant Publications

- Greene, C. H., and Pershing, A. J. 2007. Climate Drives Sea Change. *Science* 315:1084-1085.
- Pershing, A. J., C. H. Greene, J. W. Jossi, Loretta O'Brien, Jon K. T. Brodziak, and B. A. Bailey (2005). Interdecadal variability in the Gulf of Maine zooplankton community with potential impacts on fish recruitment. *ICES Journal of Marine Science*. 62:1511-1523.
- Pershing, A.J., C.H. Greene, B. Planque, and J.-M. Fromentin (2004) The influence of climate variability on North Atlantic zooplankton populations. *In Ecological Effects of Climatic Variations in the North Atlantic*. N.C. Stenseth, G. Ottersen, J. Hurrell, and A. Belgrano, editors. Oxford University Press.
- Pershing AJ, Record NR, Monger BC, Pendleton DE, Woodard LA (2009) Model-based estimates of *Calanus finmarchicus* abundance in the Gulf of Maine. *Marine Ecology Progress Series* in press
- Pershing AJ, Record NR, Monger BC, Mayo CA, Brown MW, Cole TVN, Kenney RD, Pendleton DE, Woodard LA (2009) Model-based estimates of right whale habitat use. *Marine Ecology Progress Series* in press

(d) Five Additional Publications

- MERCINA Working Group (Greene, C. H., A.J. Pershing,, B. C. Monger., M. C. Benfield, E. G. Durbin, M. C. Casas) (2004) Supply-side ecology and zooplankton populations dynamics in the North Atlantic. *Oceanography*, 17:60-71
- Greene, C.H., and A.J. Pershing. Climate and the conservation biology of North Atlantic right whales: the right whale at the wrong time? (2004) *Frontiers in Ecology and the Environment*. 2: 29-34.
- MERCINA Working Group (Greene, C. H., A. J. Pershing, A. Conversi, B. Planque, C. Hannah, P. C. Reid, J. Jossi, D. Mountain, D. Sameoto, E. Head, M. C. Benfield, P. C. Smith, P. H. Wiebe, and T. Durbin) (2003) Trans-Atlantic responses of *Calanus finmarchicus* populations

- to basin-scale forcing associated with the North Atlantic Oscillation. *Progress in Oceanography*. 58:301-312.
- Barton, A.D., C.H. Greene, B.C. Monger, and A.J. Pershing. (2003) Continuous plankton recorder survey phytoplankton measurements and the North Atlantic Oscillation: interannual to multidecadal variability in the Northwest Shelf, Northeast Shelf, and Central North Atlantic Ocean. *Progress in Oceanography* 58: 337-358.
- MERCINA Working Group (Pershing, A. J., C.H. Greene, C. Hannah, D. G. Mountain, D. Sameoto, E. Head, J. W. Jossi, M. C. Benfield, P. C. Reid, T. G. Durbin) (2001) Oceanographic responses to climate in the Northwest Atlantic. *Oceanography*. 14:76-82.

(d) Synergistic Activities

I have a strong interest in understanding how science impacts decision making, and I am involved in several efforts to make basic research results more relevant to managing marine resources. As part of a NOAA project on the influence of climate on zooplankton and fish in the Gulf of Maine, I have organized a series of workshops designed to bring together researchers and managers interested in interannual variability in the Gulf of Maine. I have also participated in two NOAA workshops on issues related to whale management: the NOAA's Workshop to Identify and Assess Technologies to Reduce Ship Strikes of Large Whales and the Right Whale Foraging Ecology and Management Working Group.

(e) Collaborators and Other Affiliations

Collaborators and Coeditors

B. Bailey (*San Diego State University*), J. Bisagni (*U. Mass. Dartmouth*), J. K. T. Brodziak (*NMFS, Manoa*), F. Chai (*U. Maine*), C. Chen (*U. Mass. Dartmouth*), C. Clark (*Cornell*), K. F. Drinkwater (*Norwegian Institute for Marine Research*), E. G. Durbin (*URI-GSO*), C.H. Greene (*Cornell*), E. Head (*BIO*), J. W. Jossi (*NMFS, Narragansett*), C. Mayo (*Provincetown Center for Coastal Studies*) B. C. Monger (*Cornell*), D.G. Mountain (*NMFS, Woods Hole*), L. O'Brien (*NMFS, Woods Hole*), W. Overholtz (*NMFS, Woods Hole*), J. Pringle (*U. New Hampshire*), J. A. Runge (*U. Maine*), A. Thomas (*U. Maine*), R. Wahle (*Bigelow Lab*), J. Witman (*Brown*)

Graduate and Postdoctoral Advisors

Charles H. Greene, Cornell University

Thesis Advisor and Postgraduate-Scholar Sponsor

Daniel Pendleton, Cornell University (current)

Peter Stetson, University of Maine (current)

Nicholas Record, University of Maine (current)