

RICHARD A. WAHLE
CURRICULUM VITAE

Updated 1 Mar 2010

PERSONAL: Address: University of Maine
Darling Marine Center
193 Clark's Cove Road, Walpole, ME 04573
TEL: (207) 563 3146 x249
E-MAIL richard.wahle@maine.edu
Citizenship: United States

EDUCATION: Ph.D., Zoology, University of Maine, 1990
M.S., Biology, San Francisco State University, 1982
B.A., Zoology, University of New Hampshire, 1977

PROFESSIONAL EXPERIENCE:

Research Associate Professor, Univ. Maine, School of Marine Sciences, 2010 - present
Senior Research Scientist, Bigelow Laboratory for Ocean Sciences, 1997 - 2009
Research Scientist, Bigelow Laboratory for Ocean Sciences, 1995 - 1997
Postdoctoral Research Associate/Lecturer, University of Rhode Island, 1992 - 1994
Postdoctoral Research Associate, Brown University, 1990 - 1992

SYNERGISTIC ACTIVITIES:

Co-director, Bigelow Laboratory's NSF-REU Program (2008- present)
University of Maine, Visiting Faculty, Semester-by-the-Sea: Fisheries Ecology F'06,
Marine Ecology F'07

Shoals Marine Lab, Faculty: Biology of the Lobster - Summer '08, '09
Adjunct Graduate Faculty: University of Maine, 2001 - 2009
Université Laval, 2002 - present
UMass, Dartmouth, 2007 - present
Memorial University 2008 -present

Editor, *The Lobster Newsletter* (since 2008).

Deep Sea Red Crab Plan Development Team -New England Fishery Mgt Cncil, (since 2004)

Chair, Red Crab Stock Assessment Report Committee (2006)

Manuscript Reviewer for *Ecology*, *Biol. Bull.*, *Mar. Ecol. Prog. Ser.*, *Mar. Freshw. Research*,
J. Crust. Biol., *J. Exp. Mar. Biol. Ecol.*, *Fish. Bull.*, *Bull. Mar. Sci.*, *Fish. Oceano.*

Proposal Reviewer for NSF, NOAA, Sea Grant, NFWF

TEN PUBLICATIONS & MANUSCRIPTS MOST RELEVANT TO CINAR THEMES

*Students

† Selected as Editors' Choice in *Science* 323:1406b (3/13/09)

Wahle, R., C. Brown, K. Hovel. In review. Geography of top-down forcing in the Northwest Atlantic lobster-groundfish interaction: the role of predator diversity, identity and abundance. Submitted to *Ecology*

Hovel, K. & **R.A. Wahle**. 2010. Consistent effects of habitat fragmentation on American lobster movement across a gradient of predation risk and shelter competition. *Ecology* In press.

Incze, L., H. Xue, N. Wolff, D. Xue, C. Wilson, R. Steneck, **R. Wahle**, P. Lawton, N. Pettigrew, and Y. Chen. 2010. Connectivity of lobster (*Homarus americanus*) populations in the coastal Gulf of Maine: part II. Coupled biophysical dynamics. *Fisheries Oceanogr.* 19: 1-20

†**Wahle, R.A.**, M. Gibson, M.J. Fogarty. 2009. Distinguishing disease impacts from larval

- supply- effects in a lobster fishery collapse. *Mar. Ecol. Prog. Ser.* 376: 185–192.
- Wahle, R.A.**, C.E. Bergeron*, A. Chute, Y. Chen, L. Jacobson. 2008. Northwest Atlantic deep-sea red crab before and after the onset of harvesting. *ICES J. Mar. Sci.* 65: doi:10.1093/icesjms/fsn058
- Gaudette, J.*, **R. A. Wahle**, and J. Himmelman. 2006. Spawning events in small and large populations of the sea urchin, *Strongylocentrotus droebachiensis*, as recorded using fertilization assays. *Limnol. & Oceanogr.* 51:1485-1496.
- Wahle, R.A.** & M. Fogarty. 2006. Chapter 1-Growth & Development: Understanding and modeling growth variability in lobsters. B.F. Phillips (Ed.) Lobsters: biology, management and aquaculture. Blackwell Publishing. Pp. 1-44.
- Wahle, R.A.**, L.S. Incze, M. Fogarty, M. 2004. First projections of American lobster *Homarus americanus* recruitment from a settlement index. *Bull. Mar. Sci.* 74: 101-114.
- Wahle, R.A.** 2003. Revealing the stock-recruitment relationship in lobsters and crabs: Is experimental ecology the key? *Fish. Res.* 65: 3-32.
- Wahle, R.A.** & L.S. Incze. 1997. Pre- and post-settlement processes in recruitment of the American lobster. *J. Exp. Mar. Biol. Ecol.* . 212: 129-208.

COLLABORATORS OTHER THAN CO-AUTHORS (past 48 mos)

- Dr. Daniel Belknap, University of Maine
Dr. Andrew Thomas, University of Maine
Dr. Andrew Pershing, Cornell University
Dr. David Towle, Mt. Desert Island Biological Lab
Dr. Alvaro Palma, Pontificia Universidad Católica de Chile
Dr. Gabriel Gerlach, Univ. Oldenburg, Germany
Dr. Michael Sieracki, Bigelow Laboratory
Dr. John Tremblay, DFO Canada

GRADUATE & POST-GRADUATE ADVISORS

- Dr. Mark Bertness, Dept. Ecology and Evolutionary Biology, Brown University
Dr. Steve Gaines, Life Sciences Dept., University of California Santa Barbara
Dr. Kenneth Heck, Marine Environmental Sciences Consortium, University of Alabama
Dr. Robert Steneck, School of Marine Science, University of Maine
Dr. Robert Vadas, Dept. of Botany and Plant Pathology, University of Maine

GRADUATE ADVISEES/COMMITTEE APPOINTMENTS

- Alvaro Palma, PhD, 1998, University of Maine
Steven Jury, PhD, 1999, University of New Hampshire
Carl Wilson, MS, 1999, University of Maine
Carin Poeschel, MS, 2001, University of Maine
Julien Gaudette, MS, 2004, Université Laval, Quebec
Clément Dumont, Ph.D. 2005. Université Laval, Quebec
Curtis Brown, Dual Degree Masters in Marine Science and Policy, 2007, University of Maine
Peter Milligan, MS in Marine Science, 2009, Univ. Massachusetts, Dartmouth
Charlene Bergeron, Masters in Marine Science, in progress, University of Maine
Darren Scopel, PhD, in progress, University of New Hampshire
Victoria Burdett-Coutts, MS Biology, in progress, Memorial University, Newfoundland
Mahima Jaini, MS Oceanography, in progress, University of Maine
Morgan Brunbauer, MS Marine Biology, in progress, University of Maine