Hans G. Dam Guerrero (Hans G Dam**)**
Department of Marine Sciences
University of Connecticut
Groton, CT 06340-6048, USA
hans.dam@uconn.edu
(http://www.marinesciences.uconn.edu/faculty/dam.html)

Professional Preparation

Education

Ph.D., Coastal Oceanography, 1989
State University of New York at Stony Brook, NY, USA
M.S., Marine Environmental Sciences, May 1985
State University of New York at Stony Brook, NY, USA
B.S., Oceanography (Biological), 1982
University of Washington, Seattle, WA, USA

Professional Experience/Appointments

Associate Head for Graduate Programs, DMS UConn, 2012-2014
CONICIT Visiting Professor (sabbatical 2012), centro i~mar, Universidad de los Lagos, Chile
Acting Head, Dept. Marine Sciences (Fall 2011), UConn
Associate Head, Dept. Marine Sciences 2005-2012
Associate Director, Mar. Sci. Technol. Center, 2002-2005
Professor, 2003-present
Associate Professor, Dept. of Marine Sciences, University of Connecticut, 1996-2003
Visiting Professor (sabbatical 1998), Graduate School of Oceanography, Univ. Rhode Island
Assistant Professor, Dept. of Marine Sciences, University of Connecticut, 1991-1996
Adjunct faculty, Department of Ecology and Evolutionary Biology, University of Connecticut, 1991-present
Post-Doctoral Research Associate, Horn Point Laboratory, University of Maryland, 1989-1990
Graduate Research and Teaching Assistant, State University of New York at Stony Brook, and Bermuda Biological Station, 1982-1988

Research Interests

Biological Oceanography: Plankton ecology and evolution (bioenergetics, food-web dynamics, reciprocal predator-prey adaptation, zooplankton adaptation to climate change); role of zooplankton on biogeochemical cycles; fluxes of organic matter; formation, fate and biogeochemistry of oceanic particles and aggregates; applied oceanography (coastal observing systems, eutrophication and hypoxia)

Honors

Sustaining Fellow, Association for the Sciences of limnology and Oceanography, ASLO (2016)
Fellow, American Association for the Advancement of Science, AAAS (2015)
Fellow, Association for the Sciences of limnology and Oceanography, ASLO (2015)
Member, Connecticut Academy of Arts and Sciences, CAAS (2009)
Member, Connecticut Academy of Science and Engineering, CASE (2007)
Ocean Sciences NSF CAREER award, 1995-2001
ONR AASERT award, 1994-1997
University of Connecticut Nominee to NSF Presidential Fellowship, 1994

New York Sea-Grant Scholar, 1985-1987
Member of Sigma Xi (associate 1985-1989, full member since 1989)
Jessie Smith-Noyes Fellow, 1983-1984
Bermuda Biological Station for Research Scholarship, 1983
Gran Mariscal de Ayacucho Scholarship (Venezuelan Government), 1978-1982

Research Funding

Since 1991 extramural grant awards total more than $10 million and intramural awards total $133K. The name, sponsoring agency (for extramural awards), duration and amount of each award are listed below in reverse chronological order. Unless otherwise noted, H. Dam is the principal investigator for the awards.

Extramural Awards (in reverse chronological order)

44. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*. Environmental Protection Agency. 5/1/2016-11/30/2017. $ 234,829.

43. *Collaborative Research: Transgenerational phenotypic and genomic responses of marine copepods to the interactive effects of temperature and CO_2.* National Science Foundation, 7/1/2016-6/30/2019, $ 509,684

42. Predicting the performance of the copepod *Acartia tonsa* under future conditions of temperature and CO_2. $ CT Sea Grant (NOAA); 02/01/2016-01/31/2018, $149,969

41. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*. Environmental Protection Agency. 2/15/2015-2/14/2016. $ 200,798.

40. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*. Environmental Protection Agency. 2/15/2014-2/14/2015. $190,000.

39. *The effects of timing and duration of climatic heat-waves in Long Island Sound to a zooplankton population*. CT Sea Grant (NOAA); 02/01/2014-01/31/2016, $128,732.

38. *Monitoring mesozooplankton and microzooplankton in Long Island Sound. Environmental Protection Agency*. 2/15/2013-2/14/2014. $177,919.

37. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*. Environmental Protection Agency. 2/15/2012-2/9/2013. $170,252.

36. *Response of zooplankton to projected changes in temperature in Long Island Sound*. CT Sea Grant, 2/1/2012-1/31/2014, $ 140,435

35. *Chemical defenses in a toxic dinoflagellate: Mechanisms and constraints*. National Science Foundation, 9/16/2011-9/15/2014, $ 468,969

34. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*. Environmental Protection Agency. 1/1/2011-12/31/2011, $ 125,000.

33. *Bloom control and toxin transfer of the toxic dinoflagellate Alexandrium via zooplankton in Long Island Sound*. Connecticut Sea Grant, 3/1/2010-2/28-2012. $ 133,011.

32. *Collaborative Research: Costs and advantages of a novel sodium channel mutation.* National Science Foundation. 3/1/2010-2/28/2012, $ 571.876.

31. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*. Environmental Protection Agency. 1/1/10-12/31/10, $ 125,000.

30. *Monitoring mesozooplankton and microzooplankton in Long Island Sound.* Environmental Protection Agency. 1/1/09-12/31/09, $ 125,000.

29. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*. Environmental Protection Agency. 6/1/07-5/31/08, $ 120,000.

28. *The adaptive importance of toxin-resistant phenotypes in calanoid copepods*. National Science Foundation. 3/1/07-2/28/10, $ 370,000.

27. *LISICOS: The Long Island Sound Integrated Coastal Observing System.* National Oceanic and Atmospheric Administration. 10/1/06-9/30/07, $ 954,041 (Co-PI with W. Bohlen and J. O'Donnell).

26. *ECOHAB: Relation Between Grazer Toxin Dynamics and Resistance to Toxic Dinoflagellates*, ECOHAB Program, National Oceanic and Atmospheric Administration, 9/1/2006-8/31/2009, $ 520,117.

25. *Simulation of Long Island Sound with the System-Wide Eutrophication Model (SWEM): Inter-annual Variability and Sensitivity*, Environmental Protection Agency–Long Island Sound Study,10/1/05-8/31-07, $ 251,164 (Co-PI with J. O'Donnell).

24. *A synthesis of water quality and planktonic resource monitoring data for Long Island Sound*, Environmental Protection Agency–Long Island Sound Study,10/1/05-8/31-07, $ 121,908.

23. *LISICOS: The Long Island Sound Integrated Coastal Observing System.* National Oceanic and Atmospheric Administration. 9/1/05-8/31/06, $ 954,041 (Co-PI with Bohlen and O'Donnell).

22. *Sequencing the sodium channel in the American lobster*, Seed Grant, Connecticut Sea Grant, 7/15/05, 7/14/06, $ 4,500.

21. *LISICOS: The Long Island Sound Integrated Coastal Observing System.* National Oceanic and Atmospheric Administration. 9/1/04-8/31/06, $ 1,754,295 (Co-PI with Bohlen and O'Donnell).

20. *Toward a Long Island Sound integrated coastal observing system: Linking science, policy and the public to Long Island Sound.* NOAA. $ National Oceanic and Atmospheric Administration, 10/1/2003-9/30/2004, $ 202,300 (Co-PI with Bohlen, O'Donnell and Kremer).

19. *ECOHAB: Linking food web structure, grazer toxin resistance and ecological stoichiometry in understanding harmful algal blooms.* ECOHAB Program, Environmental Protection Agency, 9/1/04-8/31/07, $ 408,315.

18. *ECOHAB: Ecological and evolutionary consequences of the spreading of Alexandrium to grazers, and implications for bloom formation and maintenance.* ECOHAB Program, National Oceanic and Atmospheric Administration, 11/2001-11/2004, $ 320,792

17. *Monitoring mesozooplankton and microzooplankton in Long Island Sound*, National Coastal Assessment. Environmental Protection Agency, 9/1/2002-5/30/2005, $ 161,010

16. *Accumulation and fate of paralytic shellfish poisoning toxins in the copepod Acartia hudsonica: Biogeographical differences and implications for toxic transfer*. Seed Grant, Connecticut Sea Grant, 3/2001-3/2002, $ 3,750

15. *Transport of optically active particles from the surface layer: Losses due to flocculation and grazing during the Chalk-Ex experiment.* Ocean Optics, Office of Naval Research, 10/2000-10/2002, $160,586

14. *Trophic role of zooplankton on the Brazilian Continental shelf* (Co-P.I. with G. McManus). International Programs, National Science Foundation, 1/2001-1/2004. $ 63,540

13. *Ph.D. Fellowship for Sean Colin.* Science to Achieve Results (STAR), Environmental Protection Agency, 2/2000-2/2003, $ 80,084

12. *Suspended mater analysis for education and research, SMALER* (Co-P.I with R. Whitlatch et al.) Div. Biological Infrastructure National Science Foundation, 6/99-6/2002, $ 239,616

11. Trophic effects of two dinoflagellates upon representative pelagic and benthic consumers (Co-P.I. with G. McManus et al.), Connecticut Sea Grant, 3/98-2/200, $ 136,050

10. *ECOHAB: Trophic effects of two dinoflagellates* (Co-P.I. with G. McManus et al.). ECOHAB Program, Environmental Protection Agency, 1/98-6/99, $ 102,514

9. *Mechanistic control of carbon flux by mesozooplankton: A JGOFS synthesis* (Co-PI with M. Roman). Ocean Science Division, National Science Foundation, 11/97-11/2000, $ 43,819 (amount of subcontract to Dam)

8. *CAREER: Omnivory and the fate of ingested food in zooplankton: Implications for material fluxes in the oceans*. Ocean Sciences Division, National Science Foundation, 8/95-8/2000, $ 400,000

7. *Bubble and shear-induced organic particle generation and subsequent microbial response.* Seed Grant, Connecticut Sea Grant, 9/95-8/96, $ 2,201

6. *Physical-biological coupling in aggregate formation in marine phytoplankton*, Augmentation Award for Science and Engineering Research Training, AASERT, Office of Naval Research, 9/94-8/97, $100,949

5. *Transformation and transport of nitrogen from a riverine source: implications for water quality management in Long Island Sound*. State of Connecticut, Department of Environmental Protection, 3/94-2/96, $245,570.

4. *Experimental studies on coagulation efficiency and aggregate formation in marine phytoplankton*. Biological Oceanography, Office of Naval Research, 1/93-12/94, $341,655

3. *The role of mesozooplankton in the biological pump of the central equatorial Pacific Ocean.* Division of Ocean Sciences, National Science Foundation, 10/91-9/94, $259,454

2. *Seawater facility development: studies on the demography of marine organisms* (Co-P.I with R. Whitlatch et al.). Div. Biological Infrastructure, National Science Foundation, 8/91-7/92, $145,050

1. *Coagulation efficiency and aggregate formation in marine phytoplankton*. Biological Oceanography, Office of Naval Research, 6/91-12/92, $71,076

Intramural Awards (University of Connecticut Research Foundation)

11. Acquisition of Coulter Multisizer-IV particle analyzer, $ 52,000. Equipment Grant, 2010.

10. Acquisition of flow cytometer and Fast Repetition Fluorometer. $ 105,000. 2008.

9. *Towards elucidation of the molecular mechanism of saxitoxin resistance in a marine copepod*. Faculty research large grant, 2006, $ 21,000.

8. *Interaction of top-down control and elemental stoichiometry in determining primary production in marine systems.* Faculty research large grant, 2004, $ 9,554.

7. *Nitrogen analyzer and autosampler for inorganic nutrients.* (Co-PI with A. Skoog et al.). Large Equipment Grant, 2000, $ 42,992.

6. *SEA Bird CTD, deck unit and carousel water sampler.* (Co-PI with D. Codiga et al.). Large Equipment Grant, 1999, $ 37,500.

5. *Formation of Transparent Exopolymeric Particles (TEP) via surface coagulation.* Faculty research small grant, 1999. $ 1,000.

4. *Support for sabbatical leave*. Faculty research small grant, 1998. $ 1,000.

3. *Effects of salinity and food supply on the dimethylsulniopropionate concentration in estuarine mesozooplankton: An exploratory study.* 1997, $ 993.

2. *Is bacterial utlization of organic aggregates important to the dynamics of colloidal organic carbon in the oceans?* Faculty research large grant, 1997, $ 10,865.

1. *Nutritional ecology of zooplankton and its importance to the production and fluxes of particulate matter in the ocean.* Faculty research large grant, 1991, $ 8,660.

Scholarship

Publications

Thesis and Dissertation

Dam Guerrero, H. G. 1985. Small-scale patterns of copepod abundance in Long Island Sound: role of vertical current shear. M.S. thesis. State University of New York at Stony Brook, 66 pp.

Dam Guerrero, H. G. 1989. The dynamics of copepod grazing in Long Island Sound. Ph.D. dissertation. State University of New York at Stony Brook, 250 pp.

Peer-Reviewed Articles (given in chronological order)

Citation record: total citations:>5200; H-index: 42 (as of January, 2017)
My citations at Goggle Scholar:
http://scholar.google.com/citations?hl=en&user=wiWWUqAAAAAJ&view_op=list_works&cstart=20

1. Dam, H.G. 1986. Short term feeding of *Temora longicornis* Müller in the laboratory and the field. J. Exp. Mar. Biol. Ecol. 99: 149-161.

2. Peterson, W.T. and H.G. Dam. 1986. Hydrography and plankton of Jamaica Bay, New York. In: Proceedings of the Conference on Science in National Parks Vol. 6: Fisheries and Coastal Wetland Research. G. Larson and M. Soukup (Eds.), pp. 151-170. Published by the U.S. National Park Service and the George Wright Society.

3. Dam, H.G. and W.T. Peterson. 1988. The effect of temperature on the gut clearance rate constant of planktonic copepods. J. Exp. Mar. Biol. Ecol. 123: 1-14.

4. Dam, H.G., W.T. Peterson and D.C. Bellantoni. 1988. Relationships between copepod ingestion rates and phytoplankton cell size and chemical composition during upwelling events off central Chile. Mem. Soc. Cien. Nat. La Salle XLVIII. (Suppl. 3): 33-51.

5. Peterson, W.T., D. Arcos, G. McManus, H. Dam, D. Bellantoni, T. Johnson and P. Tiselius. 1988. The nearshore zone during coastal upwelling off central Chile: daily variability and coupling between primary and secondary production. Progr. Oceanogr. 20: 1-40.

6. Kiørboe, T., K.P. Andersen and H.G. Dam. 1990. Coagulation efficiency and aggregate formation in marine phytoplankton. Mar. Biol. 107: 235-245.

7. Peterson, W.T. and H.G. Dam. 1990. The influence of copepod "swimmers" on pigment fluxes in brine-filled vs. ambient seawater-filled particle traps. Limnol. Oceanogr. 35: 449-455.

8. Dam, H.G. and W.T. Peterson. 1991. *In situ* feeding behavior of the copepod *Temora longicornis*: effects of seasonal variations of chlorophyll size fractions and female body size. Mar. Ecol. Progr. Ser. 71: 113-123.

9. Dam, H.G., W.T. Peterson and A. Okubo. 1991. A simple, mathematical analysis of the limitations to inferring feeding behavior of zooplankton from gut content. Mar. Ecol. Progr. Ser. 69: 41-45.

10. Chang, J. and H.G. Dam. 1993. The influence of grazing on the estimation of phytoplankton growth rate via cell cycle analysis: experimental and modeling evidence. Limnol. Oceanogr. 38: 202-212.

11. Dam, H.G., C.A. Miller and S.H. Jonasdottir. 1993. The trophic role of mesozooplankton at 47^{o}N, 20^{o}W during the North Atlantic Bloom Experiment. Deep-Sea Res. II. 40: 197-212

12. Dam, H.G. and W.T. Peterson. 1993. Seasonal contrasts in diel vertical distribution, feeding behavior and grazing impact of the copepod *Temora longicornis* in Long Island Sound. J. Mar. Res. 51: 561-594.

13. Ducklow, H.W., D.L. Kirchman, H.L. Quinby, C.A. Carlson and H.G. Dam. 1993. Stocks and dynamics of bacterioplankton carbon during the spring bloom in the eastern North Atlantic Ocean. Deep-Sea Res. II. 40: 245-263.

14. Roman, M.R., H.G. Dam, A.L. Gauzens and J.M. Napp. 1993. Zooplankton biomass and grazing at the JGOFS Sargasso Sea time series station. Deep-Sea Res. 40: 883-901.

15. Butler, M. and H.G. Dam. 1994. Production rates and characteristics of fecal pellets of the marine copepod *Acartia tonsa* under simulated bloom conditions: implications for vertical fluxes. Mar. Ecol. Progr. Ser. 114: 81-91.

16. Dam, H.G., W.T. Peterson and D.C. Bellantoni. 1994. Seasonal feeding and fecundity of the calanoid copepod *Acartia tonsa* in Long Island Sound: is omnivory important to egg production? Hydrobiologia 292/293: 191-199.

17. Drapeau, D.T., H.G. Dam and G. Grenier. 1994. An improved flocculator design for use in particle aggregation experiments. Limnol. Oceanogr. 39: 723-729.

18. Dam, H.G. and D.T. Drapeau. 1995. Coagulation efficiency, organic-matter glues and dynamics of particles during a phytoplankton bloom in a mesocosm study. Deep-Sea Res. II. 42: 111-123.

19. Dam, H.G., X. Zhang, M. Butler and M.R. Roman. 1995. Mesozooplankton grazing and metabolism at the equator in the central Pacific: Implications for carbon and nitrogen fluxes. Deep-Sea Res II 42:735-756.

20. Jackson, G.A., B.E. Logan, A.L. Alldredge and H.G. Dam. 1995. Combining particle size spectra measured using different instruments over different size ranges. Deep-Sea Res. II. 42: 139-157.

21. Mopper, K., J. Zhou, K.S. Ramana, U. Passow, H.G. Dam and D.T. Drapeau. 1995. Role of-surface-active carbohydrates in the flocculation of the diatom bloom in a mesocosm. Deep-Sea Res. II. 42: 47-73.

22. Roman, M.R., H.G. Dam, A. Gauzens, J. Urban-Rich, D.G. Foley and T.D. Dickey. 1995. Zooplankton variability on the equator at 140^{o}W during the JGOFS EqPac study. Deep-Sea Res. II. 42: 673-693.

23. White, J.R., M.R. Roman, X. Zhang, L. Welling and H.G. Dam. 1995. Latitudinal gradients in zooplankton biomass in the tropical Pacific at 140^{o}W during the JGOFS EqPac study: Effects of El Niño. Deep-Sea Res. II. 42: 715-733.

24. Zhang, X., H.G. Dam, J. White and M.R. Roman. 1995. Latitudinal variations in mesozooplankton grazing and metabolism in the central tropical Pacific during the U.S. JGOFS EqPac study. Deep-Sea Res. II. 42: 695-714.

25. Caron, D.A., H.G. Dam, and 7 others. 1995. The contribution of microorganisms to particulate carbon and nitrogen in surface waters of the Sargasso Sea near Bermuda. Deep-Sea Res. I. 42: 943-972.

26. Dam, H.G., M.R. Roman and M.J. Youngbluth. 1995. Downward export of respiratory carbon and dissolved inorganic nitrogen by diel migrant mesozooplankton at the JGOFS Bermuda time-series station. Deep-Sea Res. I. 42: 1187-1197.

27. Waite, A. M., R.J. Olson, H.G. Dam and U. Passow. 1995. Sugar-containing compounds on the cell surfaces of marine diatoms measured using Concanavalin A and flow cytometry. J. Phycol. 31: 925-933.

28. Peterson, W.T., H.G. Dam. 1996 Pigment ingestion and egg production rates of the copepod *Temora longicornis*: Implications for gut-pigment loss and omnivorous feeding. J. Plankton Res. 18: 855-861.

29. Kiørboe, T., J.l.S. Hansen, A.L. Alldredge, G.A. Jackson, U. Passow, H.G. Dam, D.T. Drapeau, A. Waite and C. Garcia. 1996. Sedimentation of a phytoplankton during a diatom bloom; rates and mechanisms. J. Mar. Res. 54: 1123-1148.

30. Jackson, G., R. Maffione, D.K. Costello, A. L. Alldredge, B.E. Logan and H.G. Dam. 1997. Particle size spectra between 1 mm and 1 cm at Monterey Bay determined using multiple instruments. Deep-Sea Res. I 44: 1739-1767.

31. Landry, M.R. R. T Barber, R.R. Bidigare, F. Chai, K.H. Coale, H.G. Dam, M.R. Lewis, S.T. Lindley, J. McCarthy, M.R. Roman and D. K. Stoecker, P.G. Verity and J.R. White. 1997. Iron and grazing constraints on primary production in the central equatorial Pacific: An EqPac synthesis. Limnol. Oceanogr. 42: 405-418.

32. Waite, A., S. Gallager and H.G. Dam. 1997. New measurements of phytoplankton aggregation in a flocculator using videography and image analysis. Mar. Ecol. Progr. Ser. 155: 77-87.

33. Zhang, X. and H.G. Dam. 1997. Downward export of organic carbon by diel migrant mesozooplankton in the central equatorial Pacific. Deep-Sea Res. II 44: 2191-2202.

34. Feinberg, L.R. and H.G. Dam. 1998. Effects of diets on dimensions, density and sinking rates of fecal pellets of the copepod *Acartia tonsa*. Mar. Ecol. Progr. Ser. 175: 87-96.

35. Jónasdóttir, S.H., T. Kiørboe, K.W. Tang, M. St. John, A.W. Visser, E. Saiz and H.G. Dam. 1998. The role of diatoms in copepod production: good, harmless or toxic? Mar. Ecol. Progr. Ser. 172: 305-308.

36. Tang, K.W., H.G. Dam and L.R. Feinberg. 1998. The relative importance of egg production rate, hatching success, hatching duration and egg sinking in population recruitment of two species of marine copepods. J. Plankton Res. 20: 1971-1987.

37. Tang, K.W. and H.G. Dam. 1999. Limitation of zooplankton production: beyond stoichiometry. Oikos 84: 537-542.

38. Tang, K.W., H.G. Dam, P.T. Visscher and T.D. Fenn. 1999. Dimethylsulfoniopropionate (DMSP) in marine copepods and its relation with diet and salinity. Mar. Ecol. Progr. Ser. 179: 71-79.

39. Tang, K.W., T.D. Fenn, P.T. Visscher and H.G. Dam. 2000. Regulation of body dimethylsulfoniopropionate (DMSP) content by the copepod *Temora longicornis*: a test of four mechanisms. Mar. Biol. 136: 749-757

40. Tang, K.W., D.R. Rogers, H.G. Dam and P.T. Visscher.2001. Seasonal distribution of DMSP among seston, dissolved matter and zooplankton biomass along a transect in the estuary Long Island Sound. Mar. Ecol. Progr. Ser. 206: 1-11.

41. Tang, K.W. and H.G. Dam.2001. Phytoplankton inhibition of copepod egg hatching: test of an exudate hypothesis. Mar. Ecol. Prog. Ser. 209: 197-202.

42. Tang, K.W., P.T.Visscher and H.G. Dam. 2001. DMSP-consuming bacteria associated with the copepod *Acartia tonsa*. J. Exp. Mar. Biol. Ecol. 256: 185-198.

43. Dam, H.G. and K.W. Tang. 2001. Affordable egg mortality: Constraining copepod egg mortality with life history traits. J. Plankton Res. 23: 633-640.

44. Monahan, E.C. and H.G. Dam. 2001. Bubbles: An estimate of their role in the global oceanic flux of carbon. Journal of Geophysical Research 106 (C5): 9377-9383.

45. Bathmann U, Bundy M.H, Clarke M.E, Cowles T.J., Daly K, Dam H.G., Dekshenieks M.M., Donaghay P.L, Gibson D.M., Gifford D.J., Hansen B.W., Hartline D.K., Head E.J.H., Hofmann E.E., Hopcroft R.R., Jahnke R.A., Jonasdottir S.H., Kiørboe T., Kleppel G.S., Klinck J.M., Kremer P.M., Landry M.R., Lee R.F., Lenz P.H., Madin L.P., Manahan D.T., Mazzocchi M.G., McGillicuddy D.J., Miller C.B., Nelson J.R., Osborn T.R., Paffenhofer G.A., Pieper R.E., Prusova I., Roman M.R., Schiel S., Seim H.E., Smith S.L., Torres J.J., Verity P.G., Wakeham S.G., Wishner K. F2001. Future marine zooplankton research - a perspective. Mar. Ecol. Progr. Ser. 222: 297-308

46. Besiktepe, S. and H.G. Dam. 2002. Coupling of ingestion and defecation in the copepod *Acartia tonsa*. Mar. Ecol. Progr. Ser. 229:151-164

47. Thor, P., G. Cervetto, S. Besiktepe, E. Ribera-Maycas, K.W. Tang and H.G. Dam. 2002. Influence of two different green algal diets on specific dynamic action and incorporation of carbon into biochemical fractions in the copepod *Acartia tonsa*. J. Plankton Res. 24: 293-300.

48. Roman, M.R., H.G. Dam, R. LeBorgne and X. Zhang. 2002. Latitudinal comparison of equatorial Pacific zooplankton. Deep-Sea Res. II. 49: 2669-2694.

49. Colin, S.P. and H.G. Dam. 2002. Latitudinal differentiation in the effects of the toxic dinoflagellate *Alexandrium* spp. on the feeding and reproduction of populations of the copepod *Acartia hudsonica.* Harmful Algae. 1: 113-125.

50. Colin, S.P. and H.G. Dam. 2002. Testing for toxic effects of prey on zooplankton using sole versus mixed diets. Limnol. Oceanogr. 47: 1430-1437.

51. Irigoien, X., R.P. Harris, H.M. Verheye, P. Joly , J. Runge, M. Starr, D. Pond, R. Campbell, R. Shreeve, P. Ward, A.N. Smith, H. G. Dam, W. Peterson, V. Tirelli, M. Koski, T. Smith, D. Harbour, R. Davidson. 2002. Copepod Hatching Success in Marine Ecosystems with High Diatom Concentrations. Nature (London) 419: 387-389.

52. Colin, S.P. and H.G. Dam. 2003: a test of the mechanisms that reduce ingestion rate. Mar. Ecol. Progr. . Effects of the toxic dinoflagellate *Alexandrium fundyense on* the copepod *Acartia hudsonica*. Mar. Ecol. Progr. Ser. 248: 55-65 2003.

53. Dam, H.G. and R.M. Lopes. 2003. Omnivory in the calanoid copepod *Temora longicornis*: feeding, egg production and egg hatching rates. J. Exp. Mar. Biol. Ecol. 292: 119 – 137.

54. Thor, P. H. G. Dam, Daniel R. Rogers. 2003. Fate of organic carbon released from decomposing copepod fecal pellets in relation to bacterial production and extracellular enzymatic activity. Aquat. Microb. Ecol. 33:279-288.

55. Mari, X. and H.G. Dam. 2004. Production, concentration and isolation of transparent exopolymeric particles using paramagnetic functionalized microspheres. Limnol. Oceanogr.: Methods. 2: 13-24.

56. Colin, S.P. and H.G. Dam. 2004. Testing for resistance of marine pelagic copepods to a toxic dinoflagellate. Evol. Ecol. 18: 355-377.

57. Dam, H.G. and S.P. Colin. 2005. *Prorocentrum minimum (clone Exuv)* is nutritionally insufficient, but not toxic to the copepod *Acartia tonsa*. Harmful Algae 4: 575-584.

58. McManus, G., B., B.A. Costas, H. G. Dam, R. M. Lopes, S. A. Gaeta, S.M. Susini and C.H. Rosetta. 2006. Microzooplankton grazing of phytoplankton in a tropical upwelling region. Hydrobiologia. DOI 10.1007/s10750-006-0279-9

59. Avery, D.T. and H.G. Dam 2007. Newly discovered reproductive phenotypes of a marine copepod reveal the costs and advantages of resistance to a toxic dinoflagellate. Limnol. Oceanogr. 52: 2099-2108.

60. Benfield, M.C., P. Grosjean, P. Culverhouse, X. Irigoien, M. E. Sieracki, A. Lopez-Urrutia, H.G. Dam, Q. Hu, C. S. Davis, A. Hansen, C. H. Pilskaln, E. Riseman, H. Schultz, and P. Utgoff. 2007. RAPID: Research on Automated Plankton Identification. Oceanography 20(2): 172-187.

61. Colin, S.P. and H.G. Dam 2007. Comparison of the functional and numerical responses of resistant versus non-resistant populations of the copepod *Acartia hudsonica* fed the toxic dinoflagellate *Alexandrium tamarense.* Harmful Algae 6: 875–882.

62. Lopes, R.M., H.G. Dam, N.A. Aquino, W.Monteiro-Ribas and L. Rull. 2007. Massive egg production by a salp symbiont, the poecilostomatoid copepod *Sapphirina angusta* Dana, J. Exp. Mar. Biol. Ecol. 348: 633-640.

63. O'Donnell, J., H. G. Dam, W. F. Bohlen, W. Fitzgerald, P. S. Gay, A. E. Houk, D. C. Cohen, and M. M. Howard-Strobel (2008), Intermittent ventilation in the hypoxic zone of western Long Island Sound during the summer of 2004, J. Geophys. Res., 113, C09025, doi:10.1029/2007JC004716.

64. Avery, D.E., K.J. Altland, and H.G. Dam. 2008. Sex-related differential mortality of a marine copepod exposed to a toxic dinoflagellate. Limnol. Oceanogr. 53: 2627-2635.

65. Siuda, A.N.S. and H.G. Dam. 2010. Effects of omnivory and predator-prey elemental stoichiometry on planktonic trophic interactions. Limnol. Oceanogr. 55: 2107-2116.

66. Dam, H.G. and S.T. Haley. 2011. Comparative dynamics of paralytic shellfish toxins (PST) in a tolerant and susceptible population of the copepod *Acartia hudsonica.* Harmful Algae. 10: 10. 245-253.

67. Senft, C., D.E. Avery and H.G.Dam.2011. A novel approach to identifying PST tolerant copepods: An individual ingestion assay. Harmful Algae 10: 804-810.

68. Zheng, Y., H.G. Dam and D.E. Avery. 2011. Differential responses of populations of the copepod *Acartia hudsonica* to toxic and nutritionally insufficient food algae. Harmful Algae. 10: 723-731.

69. Flores, H.S., G.H.Wikfors and H.G. Dam. 2012. Reactive oxygen species are linked to the toxicity of the dinoflagellate *Alexandrium* spp. to protists. Aquatic Microb. Ecol. 69: 199-

70. Dam, H.G. Evolutionary adaptation of marine zooplankton to global change. 2013. Ann. Rev. Mar. Sci. 5: 349-370.

71. Finiguerra, M., H.G. Dam, D.E. Avery, Z. Burris. 2013. Sex-specific tolerance to starvation in the copepod *Acartia tonsa* J. Exp. Mar. Biol. Ecol. 446: 17–21.

72. Zhang, H., M. Finiguerra, H.G. Dam, Y. Huang, D. Xu, G. Liu, S. Lin. 2013. An improved method for achieving high-quality RNA for copepod gene transcriptomic studies. J. Exp. Mar. Biol. Ecol. 446:57-66.

73. Lopez, Glenn, D. Carey, J.T. Carlton, R. Cerrato, H. Dam and others. 2013. Biology and Ecology of Long Island Sound. In *Long Island Sound: Prospects for the Urban Sea*. Editors: James S. Latimer, Mark A. Tedesco, R. Lawrence Swanson, Charles Yarish, Paul E. Stacey, and Corey Garza, pp.285-479, Springer.

74. Rice, E., H.G. Dam and G. Stewart. 2014. Impact of climate change on estuarine zooplankton: Surface water warming in Long Island Sound is associated with changes in copepod size and community structure. Estuaries and Coasts. 38: 13-23.

75. Burris, Z. and H.G. Dam. 2014. *Deleterious effects of the ciliate epibiont Zoothamnium sp. on fitness of the copepod Acartia tonsa.* Journal of Plankton Research. 36: 788-799.

76. Finiguerra, M., D.E. Avery and H.G. Dam. 2014. Sodium channel expression in the copepod *Acartia hudsonica* as a function of exposure to paralytic shellfish toxin (PST). Harmful Algae. 39: 75-80.

77. Finiguerra. M., D.E. Avery and H.G. Dam. 2014. No evidence for induction and selection of mutant sodium channel expression in the copepod *Acartia hudsonica* challenged with the toxic dinoflagellate *Alexandrium fundyense*. Ecology and Evolution. 4: 3470-3481.

78. Burris, Z.P. and H.G.Dam. 2014. Female mating status affects mating and male mate-choice in the copepod genus *Acartia.* J. Plankton Res. 37: 183-196.

79. Sent-Batoh, C., H.G. Dam, S.E. Shumway, G.H. Wikfors and C.D. Schlichting. 2015 Influence of predator-prey evolutionary history, chemical alarm-cues and feeding selection on induction of toxin production in a marine dinoflagellate. Limnol. Oceanogr. 60:318-328.

80. Burris, Z. P. and H.G.Dam. 2015. First evidence of biased sex ratios at birth in a calanoid copepod. Limnol. Oceanogr. 60: 722-731.

81. Sent-Batoh, C., H.G. Dam, S.E. Shumway, G.H. Wikfors. 2015b. A multi-phylum study of grazer- induced paralytic shellfish toxin production in the dinoflagellate *Alexandrium fundyense*: a new perspective on control of algal toxicity. Harmful Algae. 44: 20-31

82. Burris, Z. P. and H.G.Dam. 2015. Spermatophore production as a function of food abundance and age in the calanoid copepods, *Acartia tonsa* and *Acartia hudsonica.* Mar. Biol. 162: 841-853.

83. Chen. L, H. Zhang, M. Finiguerra,Y. Bobkov, C. Bouchard, D. E. Avery, P. A. V. Anderson, S. Lin and H. G. Dam. 2015. A novel mutation from gene splicing of a voltage-gated sodium channel in a marine copepod and its potential effect on channel function. J. Exp. Mar. Biol. Ecol. 469: 131-142.

84. Finiguerra. M., D.E. Avery and H.G. Dam. 2015. Determining the advantages, costs, and trade-offs of a novel sodium channel mutation in the copepod *Acartia hudsonica* to Paralytic Shellfish Toxins (PST). PLoS ONE. DOI: 10.1371/journal.pone.0130097

85. Burris, Z. P. and H.G.Dam. 2015. Resource and mate availability, and previous social experience modulate mate choice in the copepods *Acartia tonsa* and *Acartia hudsonica.* J. Exp. Mar. Biol. Ecol. 471: 180-189.

86. Stamieszkin, K., A.J. Pershing, N.R. Record, C. Pilskaln, H.G. Dam, L.R/. Feinberg. 2015. Size as the master trait in modeled copepod fecal pellet carbon flux. Limnol. Oceanogr. 60: 2090-2107.

87. Cournoyer, B.L., H.G. Dam, and D.E. Avery. Reaction norms and evolutionary rates in response to warming in marine copepods. Submitted.

88. Dam, H.G. and H. Baumann. In press. Climate change, zooplankton, and fisheries. In: The Impacts of Climate Change on Fisheries and Aquaculture. B.J. Phillips and M. Pérez-Ramírez, Eds. Wiley

Miscellaneous Publications

Dam, H.G. 1997. Letter to the Editor: How should biologists and physicists work together? Physics Today, December 1997, p. 95.

Dam, H.G. 1998. Review of: Mann, K.H. and J.R.N. Lazier. 1996. *Dynamics of Marine Ecosystems: Biological-Physical Interactions in the Oceans*. Blackwell Science, 394 pp. Aquatic Botany 60: (1998): 197-200.

Dam, H.G. 2003. Rapid Evolution Rampant at Sea. Wrack Lines 3(1): 5, 11 and 12.

Dam, H.G., O'Donnell, J. and Welsh, B. 2003. Transformations and Transport of Nitrogen from a Riverine Source: Implications for Water Quality in Long Island Sound. Final Technical Report to the Connecticut Department of Environmental Protection. 49 pp.

Dam, H.G. and G.B. McManus. 2006. Monitoring Mesozooplankton and microzooplankton in Long Island Sound, National Coastal Assessment. Final Technical Report to the Connecticut Department of Environmental Protection, 190 pp plus appendices.

Dam, H.G., J. O'Donnell, and A.N.S. Siuda. 2010. A synthesis of water quality and planktonic resource monitoring data for Long Island Sound. Final Report EPA Grant Number: LI-97127501. 362 pp.

Dam, H.G., M. Finiguerra, C. Senft-Batoh and H. Flores. 2012. What controls toxic phytoplankton blooms in Long Island Sound? Wrack Lines 2(1): 9-12.

Jahnke, R., J. Bane, A. Barnard, J. Barth, F. Chavez, H. Dam, E. Dever, P. DiGiacomo, J. Edson, R. Geyer, S. Glenn, K. Johnson, M. Moline, J. O'Donnell, J. Oltman-Shay, O. Person, O. Schofield, H. Sossik, E. Terrill. 2003. Coastal Observatory Research Arrays: A Framework for Implementation Planning. Coastal Ocean Processes (CoOP) Report Number 9. Skidaway Institute of Oceanography Technical Report TR-03-01.77 pp.

Presentations: (list available upon request)

Approximately 150 oral and poster presentations and national and international meetings; and over 30 invited seminars, keynote addresses, etc.

Scholarly Reputation

Service to the scientific community

Planning group for ONR accelerated research initiative, SIGMA (Significant Interactions Governing Marine Aggregation), 1991-93; planning group for U.S. JGOFS Equatorial Pacific Study cruises, National Science Foundation, 1991; participant, US JGOFS Equatorial Pacific cruises: 1992; Long Island Sound Research Fund Standing Committee, 1993-96; rapporteur, Biological Rates and Processes, Blue Water Workshop, U.S. GLOBEC, 1993; Data Analysis Workshops, US JGOFS Equatorial Pacific Program, 1993-94. ONR SIGMA field studies, 1993-94; Judge, Connecticut High School Science Fair, 1994; NATO Advanced Research Workshop on Carbon cycle of the Equatorial Pacific, 1995; 1996 AGU/ASLO Ocean Sciences Meeting:, Chair of contributed section on phytoplankton, and student presentation judge; 1997 Aquatic Sciences Meeting of ASLO, Convener and Chair of special sessions on regulation of vertical export of organic matter by aggregation and zooplankton; 1998 Ocean Sciences AGU/ASLO Ocean Sciences Meeting, Chair of contributed session on copepod biology; 1999 VII International Conference on Copepoda, Chair of contributed session on copepod production; participant in 1999 ONR Workshop on Effects of Coccolithophores on Mixed Layer Dynamics; participant in 1999-2000 Food-Web Working Group of the Synthesis and Modeling Program of JGOFS; Co-Organizer of Workshop on Zooplankton Nutrition (U. South Carolina, 1999); participant in Workshop on Ecological Determinant of Ocean Carbon Cycle (EDOCC, Mt. Hood, Oregon 2000); member of UConn-U. Los Lagos (Chile) Coastal Management Committee (2000-2001); member of planning group for ONR-sponsored Accelerated Res. Initiative Chalk-Ex (2000-2003); panelist on workshop on Environmental Monitoring in Long Island Sound (2002); participant in NSF-sponsored Workshops on Coastal Observatories (2002-2003); session organizer for ICES-PICES meeting on zooplankton

production (2003); member and alternate Chair of Long Island Sound Study Technical Advisory Committee (LISSTAC 2009), and chair of LISSTAC subcommittee on eutrophication, (2003-); session co-organizer For ICES-PICES meeting on zooplankton production (2007); session chair, Long Island Sound Research Conference (2008); gratis consultant, Universidad Los Lagos, Chile (2010); session chair, 6th HAB symposium in USA (2011); co-instructor, workshop-seminar on Environmental Management in the Context of Global Change (University of Magallanes, Chile, 2012); session chair, Long Island Sound Research Conference (2013); member CT Science Challenge Judging Committee (CT Academy of Science and Engineering, 2013); discussion leader, working group for workshop on Traits-Based Approaches to Ocean Life (Copenhagen, 2013); Member, National HAB Committee (2013-2016). Member, Integrated Sentinel Monitoring Network for Climate Change in Northeastern Ocean and Coastal Ecosystems (2013-); Secretary, World Association of Coepodologists (2014-2017); Mentor, ASLO 2015; Session co-chair on 8th HAB symposium in USA (2015); Organizer and co-chair of session on aquatic evolutionary ecology, ASLO 2016. Member of the Science Board of the Roger Troy Peterson Estuarine Center, 2016-.

Journal Editorial Boards

Associate Editor, Journal of Plankton Research; 2016-
Academic Editor, Public Library of Science One, PLoS ONE; 2013-
Associate Editor, Brazilian Journal of Oceanography, 2008-
Editor (Biology, Chemistry, Optics and Remote Sensing) *Journal of Geophysical Research-Oceans*: 2002-2008
Editorial Board, Wracklines, 2003-2007
Associate Editor of *Estuaries*: 1995-1999

Research Grant Panels

Danish Council for Independent Research (equivalent to US NSF), 2015, 2016, 2017; Rhode Island Sea Grant panel, 2011; National Institute of Environmental Health Sciences, Advanced Research Coastal Health Panel, 2006; North Carolina Sean Grant Panel, 2005; National Science Foundation, Integrated Carbon Cycling Research Program Panel, 2002; Maine-New Hampshire Sea-Grant Program Research Panel, 1996; Connecticut Department of Environmental Protection, Long Island Sound Research Fund Review Panel: 1994-96; National Science Foundation, Biological Oceanography Review Panel: 1994; National Undersea Research Center, Aquanaut Program Review Panel, 1993

Ad Hoc Reviews of Proposals

National Oceanographic and Atmospheric Administration (NOAA): Sea Grant Rhode Island, Massachusetts, North Carolina, Maine-New Hampshire, Texas, and Hawaii Programs; Climate and Global Change Program, Coastal Ocean Program; Florida Bay Program; National Undersea Research Program; Gulf of Maine Regional Marine Research Program; National Science Foundation (NSF): Ecology; GLOBEC; Ocean Science Division: Biological and Chemical Oceanography Programs; Arctic System Science; Environmental Geochemistry; Ocean Technology and Interdisciplinary Coordination; ECOHAB; CAREER; Hydrologic Sciences; Integrated Organismal Systems; National Research Council of the United Kingdom (NRC UK); Natural Environmental Research Council of Canada (NERC Canada); National Aeronautics and Space Administration (NASA): Aerosol Program; Hudson River Foundation (HRF); Austrian Science Fund (FWF); EPA Chesapeake Bay Program; American Chemical Society: Petroleum Research Fund; European Union Research Council (Euro Ocean Program); Portuguese Science Foundation**,** Schmidt Ocean Institute, McArthur Foundation; Danish Council for Independent Research.

Ad Hoc Reviews of Manuscripts for Scientific Journals and Books (44 journals total)
Aquaculture; Aquatic Microbial Ecology; Brazilian Journal of Oceanography; BMC-Ecology; Deep-Sea Research (Parts I and II); Ecology; Estuarine, Coastal and Shelf Science; Estuaries; European Marine Biology Symposium Series; Freshwater Biology; Geophysical Research Letters; Global Change Biology; Harmful Algae; Helgoland Marine Research; Hydrobiologia; ICES Journal of Marine Sciences; Journal of Chemical Ecology; Journal of Eukaryotic Microbiology; Journal of Experimental Marine Biology and Ecology; Journal of Geophysical Research-Oceans; Journal of Phycology; Journal of Marine Research; Journal of Marine Systems; Journal of Plankton Research; Journal of Thermal Biology; Latin American Journal of Aquatic Research; Limnology and Oceanography; Limnology and Oceanography Methods; Marine and Freshwater Research; Marine Biology; Marine Ecology Progress Series; Nature Scientific Reports; Oceanologica Acta; Oecologia; Ophelia; Public Library of Science One (PLOS ONE); Proceedings of the National Academy of Science of the USA; Proceedings of the Royal Society-B; Progress in Oceanography; Sarsia; Science (Washington); Springer Series on Environmental Management.

Ad Hoc Reviews of Textbooks
Sverdrup, K.A., A.C. Duxbury and A.B. Duxbury. An Introduction to the World's Oceans, 7th and 8th editions. McGraw-Hill, Boston.

Ad Hoc Evaluations for Promotion and Tenure outside UConn
*S*tony Brook University (2), Ohio University, Clemson University, American University of Sharjah (United Arab Emirates), Bowdoin College, Mississippi State University, Hong Kong University of Science and Technology.

Ad Hoc Reviews of University Programs/Centers
2012: Program review, Centro i~mar, Universidad de los Lagos, Chile
2013: Academic Program Review, School of Marine Sciences, University of Maine
2014: Accreditation review, Doctoral Program in Marine Biology, Universidad Austral de Chile

Teaching and Training
Contributions to Undergraduate Education: Teaching and Advising
Courses taught
Introduction to Oceanography [1994, 1995, 1996, 1997 (2X), 2001 (2X), 2002, 2008, 2009, 2010, 2011, 2013, 2014, 2015]
Biological Oceanography (yearly 1992-2015)
Marine Zooplankton (1994, 96, 98, 2000, 2002, 2007, 2009, 2011)
Physical-Biological Coupling in the Ocean (2009)
Biogenic fluxes in the ocean (1991, 93, 95, 97, 2005)
Plankton Ecology (2003, 2004, 2006, 2008, 2010,2012, 2015)
Marine Science I (2016)

Undergraduate students formally supervised (approval of individualized major or plan for University Scholar): Timothy Fenn (B.S. 1998, University Scholar), Jeremy Ledger (B.S. 1999, University Scholar), Alycia Gilde (B.S. 2000).

***Undergraduate students who have done research or worked in my lab*:**
From UConn: Jenay Aunkst (MARN), Joel Corso (MARN), David Dowding (MCB), Timothy Fenn (MCB), Jessica Griffin (Env. Sci.), Wesley Hauffman (MARN), Christina Iott (MARN), Krista-Joy Irwin (EEB), Charlotte Kading (English), Elizabeth Kalamavros, (MARN), Jeremy Ledger (PNB), Erick Leiser (Philosophy), Caroline Loglisci (Physics/Journalism), Sylvana Luongo (EEB), Ahmed Mansour (MCB); Bayan Mansour (PNB); Lydia Norton (MARN); Nicole Stanley (MARN), Kelsey Subino (MCB), Diana Wickman (MARN).

From other universities: Paul Cavalieri (Long Island University) Alexandra Olson (Syracuse University)

Contributions to Graduate Education: Teaching and Advising
Courses taught
Biological Oceanography (yearly, 1992-2015)
Marine Zooplankton (1991, 1993, 1995, 1997, 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2011)
Biogenic Fluxes in the Oceans (1991, 1993, 1994, 1997, 2005)
Physical-Biological Coupling in the Ocean (1999)
Plankton Ecology (2003, 2004, 2006, 2008, 2010, 2012)

Graduate students and postdoctoral scholars supervised
Postdoctoral scholars (10 total): Numbers in parenthesis are years in the lab
David Avery (2002-2005; currently Assistant Professor at Maine Maritime Academy); Sengul Besiktepe (1998-99; currently Associate Professor, Mugla University, Turkey), Zair Burris (2015; currently, environmental scientists at Fisheries Wildlife Service); Guillermo Cervetto **(**1996-1999; currently Oceanographer, Uruguay); Michael Finiguerra (Aug 2013-), Nadica Ivosevic (1999-2000; currently Res. Associate, Zagreb Univ., Croatia); Xavier Mari (1999; currently IRD scientist, Centre IRD de Nouméa, New Caledonia); Encarrna Ribera-Maycas (1998; currently Associate Professor, Universidad Cardenal Herrera-CEU, Spain); Hayley Flores (2008-2010; currently Head of Culture Collection at Algenol Biofuels, Ft. Myers, FL); Peter Thor (2000; currently Docent, Norwegian Polar Research Institute).

Ph.D. students supervised (13 total): *Number in parenthesis is year of graduation, start in the lab, or year of visiting*
Zair Burris (2014; currently Researcher at Fish & Wildlife Service, CA); Lihua Chen (2010; currently postdoc at Rush University Medical Center, Chicago, Ill.); Sean Colin (2002, currently Professor at Roger Williams University, RI); Michael Finiguerra (2013; currently Assistant Professor in Residence, Dept. Ecol. Evol., Univ. Connecticut); Rubens Lopes (visiting student, 1994; currently Professor at Universidade Sao Paulo, Brazil), Gihon Park (2011-); Christina Senft-Batoh (2012, currently Marine Biologist at New York Department of Environmental Conservation); Mathew Sasaki (2015-); Amy Siuda (2007, currently Associate Professor/Chief Scientist at SEA, Woods Hole, MA); Peter Thor (visiting student, 1998; currently Docent and researcher at Norwegian Polar Institute); Kam Tang (2000; currently Professor at Swansea Univ., UK); Xinsheng Zhang (1997, currently Mathematical Statistician Modeler, NMFS/NOAA); Ying Zheng (visiting student, 2008-2010).

M.S. students supervised (8 total): *Number in parenthesis is year of graduation*
Mari Butler (1993; currently Associate Professor at Endicott College, MA); Benjamin Cournoyer (2013; currently NSF Logistic Coordinator at Palmer Station, Antarctica); David Detlor (1997; currently Deputy Director, NMFS/OST, NOAA); Leah Feinberg (1998; currently Sr. Fac. Res. Ass.,

Oregon State Univ., Hatfield Mar. Sci. Ctr.), Michael Ford (2000; currently Oceanographer at NMFS/OAA, NOAA); Sheean Haley (2002; currently Research Associate II, Columbia University, NY); Caroline Loglisci (2007, currently full-time mom and housewife); Kimberly Philips (1996; deceased).

Associate Thesis Advisor at UConn (all at MARN unless specified), 23 total
Dirk Aurin (Ph.D.), Paola Batta-Lona (Ph.D.), Christopher Buonassissi (M.S.), Anette Frese (M.S.), Kathleen Gosnell (Ph.D.), Katharine Haberland (M.S.), Kari Heinonen (Ph.D.), Bing Lin (MS), Joshua Lord (Ph.D.), Maille Lyons (Ph.D.), Michael McKee (M.S.), Stacey McLeroy (M.S.), Lisa Milke (M.S.), Lilibeth Miranda (Ph.D.), Christopher Murray (Ph.D.), Brenan Philips (M.S.), Brian Ortman (Ph.D.), Carol Rosetta (M.S.), Donald Schoener (Ph.D.), George Smith (M.S.), Jacob Snyder (M.S.), Ebru Unal (Ph.D.), Gary Wikfors (Ph.D. EEB).

Service on Ph.D. Committees Outside University of Connecticut
External examiner for Ph.D. diss. of G. Cervetto, Université D'Aix-Marseille II, France, 1995
First opponent for Dr. Scient. diss. of J.C. Nejstgaard, Universitet I Bergen, Norway, 1997
First Opponent of Ph.D. diss. of L. Poulsen, Roskilde University, Denmark, 2007
Committee member for Ph.D. diss. of Alex Kahl, Rutgers University, 2008
Committee member for Ph.D. diss. of Xiaodong Jiang, Stony Brook University, 2010

Other: Founder and coordinator of the biennial Feng Student Research Colloquium at the University of Connecticut (1996-); faculty advisor to Marine Sciences Graduate Student Association (2006-).

Service & Outreach

University Service

Departmental

1991: Space and Equipment Committee; Biological Oceanography Course and Curriculum Subcommittee.
1992: Chair, Dept. Seminar Series; Member *ad hoc* committee for Interdepartmental Environmental Science Course.
1993: Space and Equipment Committee; Chair, Graduate Admissions Committee; Search Committee for Marine Geochemist Faculty Position
1994: Chair, Awards and Admissions Committee; Chair, Search Committee for Biological Oceanography Faculty Position; Search Committee for Microzooplankton Ecology Faculty Position; Advisory Committee to Head of Dept. Marine Sciences
1995: Awards and Admissions Committee; Advisory Committee to Head of Dept. Marine Sciences; Committee for Development of Undergraduate Degree in Oceanography; Promotion, Tenure and Reappointment Committee
1996: Advisory Committee to Head of Dept. Marine Sciences; Visiting Scholar Committee; Chair, Feng Graduate Research Colloquium
1997: Advisory Committee to Head of Dept. Marine Sciences; Promotion, Tenure and Reappointment Committee; Visiting Scholar Committee; Courses and Curriculum Committee; Search Committee for Physical Oceanography Faculty Position; Search Committee for Biological Processes in the Coastal Zone Faculty Position; Search Committee, Department Head Position.
1998: Promotion, Tenure and Reappointment Committee; Chair, Advisory Committee to Head of Dept. Marine Sciences; Chair, Feng Graduate Research Colloquium
1999: Chair, Search Committee for Phytoplankton Ecologist Faculty Position; Advisory Committee to Head of Dept. Marine Sciences.

2000: Chair, Promotion, Tenure and Reappointment Committee; Chair, Feng Graduate Research Colloquium; Advisory Committee to Head of Dept. Marine Sciences
2001: Chair, Promotion, Tenure and Reappointment Committee; Visiting Scholar's Committee
2002: Chair, Feng Graduate Research Colloquium; Visiting Scholar Committee; Graduate Admissions and Awards Committee; Coastal Oceanographer Faculty Search Committee; Rankin Laboratory Manager Search Committee; Symposium on Earth-Ocean Coupled Systems Committee; Acting Department Head (June, 2002)
2003: Associate Director, Marine Sciences and Technology Center; Chair, PTR Committee
2004: Associate Director, Marine Sciences and Technology Center; Chair, PTR Committee; member of search Committee for Head/Director; Chair, Feng Graduate Research Colloquium; Chair, search committee for Computer Technical Position
2005: Associate Director, Marine Sciences and Technology Center
Associate Head, Dept. Marine Sciences; Ad hoc committee for reevaluation of Biological Oceanography graduate courses; Ad hoc committee for special opportunity hiring (Heidi Dierssen)
2006:Associate Head, Dept. Marine Sciences
Ad hoc committee for reevaluation of Biological Oceanography graduate courses
Ad hoc committee for evaluation of change of graduate degree name
Chair, Feng Graduate Research Colloquium
2007: Associate Head, Dept. Marine Sciences
Coordinator, Graduate Program Review Committee, Dept. Mar. Sciences
2008: Associate Head, Dept. Marine Sciences
Chair, Feng Graduate Research Colloquium
2009: Associate Head, Dept. Marine Sciences
2010: Associate Head, Dept. Marine Sciences; Chair, Admissions and Awards Committee; Chair, search committee for marine biogeochemist faculty position; Chair, Feng Graduate Res. Colloquium
2011: Acting Head, Dept. Mar. Sci.
Chair, Admissions and Awards Committee
2012-: Associate Head for Graduate Programs
Chair, Admissions and Awards Committee
Chair, Search committee for cluster faculty hire for new initiative on Climate and Human-Induced Alteration of Coastal Ecosystems (CHACE)
2013: Associate Head for Graduate Studies ; PTR Committee; Chair Feng Graduate Res. Colloquium
2014: Promotion, Tenure and Reappointment Committee
2015: Ad hoc committee Graduate Student Professional Development, Chair Feng Graduate Res. Colloquium
2016: Chair, Graduate Program Oversight Committee
Member of Promotion, Tenure and Reappointment Committee
Member of benthic ecology/biogeochemical modeling faculty search committee

University-Wide
1993: Life Science Review Panel for Univ. Connecticut Research Advisory Council
1993-1998: University of Connecticut Research Advisory Council
1997-2002: University of Connecticut's Committee on Policy on Conflict of Interest in Research
2000-2001: Coastal Management Committee, Univ. Conn.-Univ. Los Andes (USA- Chile)
2002-2005: Associate Director of the Marine Sciences and Technology Center
2003: Academic Program Committee, Avery Point Campus; Interdepartmental Committee for Proposal to Pew Charitable Trusts.

2005 & 2006: Search Committee for Sea Grant Director; College of Liberal Arts & Sciences Dean's External Funding Advisory Committee; Res. Foundation and Grad. School Res. Advisory Council.
2006-2008: Res. Foundation and Grad. School Res. Advisory Council
2009-2011: Reappointed to Res. Foundation and Grad. School Res. Advisory Council
Life Science Review Panel for Univ. Connecticut Research Advisory Council
2013-2014: Ad hoc Committee for a Vision for the Avery Point Campus (Coastal Ecosystems, Processes and Policy)
2016-2019: College of Liberal Arts and Sciences Dean's Advisory Council