

## CURRICULUM VITAE

### KENDRA LEE DALY

College of Marine Science, University of South Florida

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<http://www.marine.usf.edu/zooplankton/>

### Research Interests

Zooplankton Ecology

Biogeochemical Cycles and Climate Variability

Ocean Observing and Technology

### Education

1995 Ph.D., Ecology, University of Tennessee

1990 M.S., Fisheries, University of Washington

1973 B.S., Biological Oceanography, University of Washington

### Professional Experience

2014 - Professor, College of Marine Science,  
University of South Florida

2007 - 14 Associate Professor, College of Marine Science,  
University of South Florida

2006 - 07 Director, ORION Program (now the Ocean Observatories Initiative), Joint  
Oceanographic Institutions, Washington, DC

2001 - 07 Assistant Professor, College of Marine Science,  
University of South Florida

1997 - 01 Associate Program Director, Biological Oceanography Program  
National Science Foundation

1995 - 01 Research Associate, University of Tennessee

1995 - 97 Alexander Hollaender Distinguished Postdoctoral Fellow  
Oak Ridge National Laboratory/Department of Energy

1991 - 95 Research Assistant, Department of Ecology and Evolutionary  
Biology, University of Tennessee

1973 - 91 Assistant, Associate, Senior Oceanographer, Department of Oceanography, University  
of Washington

### Honors, Awards, Recognition, and Fellowships

2016 University of South Florida Outstanding Faculty Award

2015 Fellow, American Association for the Advancement of Science (AAAS)

2013 ARCS STEM Collaborative Partnership Award for participation in Gulf Oil Spill First  
Responder Team.

2007 Alfred P. Sloan Certificate of Appreciation for mentoring underrepresented minorities.

1995 Alexander Hollaender Distinguished Postdoctoral Fellowship/DOE

1995 Editors Citation for Excellence in Reviewing, JGR Oceans

1995 Science Alliance Award, Outstanding Scholarly Achievement, University of Tennessee

1994 Science Alliance Award, Outstanding Scholarly Achievement, University of Tennessee





63. Murawski, S.A., J. Fleeger, W. Patterson, III, C. Hu, K. Daly, I. Romero, and G.A. Toro-Farmer. 2016. How Did the *Deepwater Horizon* Oil Spill Affect Nearshore Ecosystems of the Gulf of Mexico? *Oceanography* 29 (3):160–173, <http://dx.doi.org/10.5670/oceanog.2016.80>.
62. Seibel, B. A., J.A. Schneider, S. Kartvedt, K. Wishner, and K.L. Daly. 2016. Hypoxia tolerance in oxygen minimum zone euphausiids: implications for ocean deoxygenation and biogeochemical cycles. *Integrative and Comparative Biology* 1–14; doi:10.1093/icb/icw091.
61. \*Netchy, K., P. Hallock, K.S. Lunz, and K.L. Daly. 2015. Epibenthic mobile invertebrate diversity structured by coral habitat in Florida. *Marine Biodiversity*, DOI 10.1007/s12526-015-0388-7.
60. Walsh, J.J., J.M. Lenes, B. Darrow, A.A. Parks, R.H. Weisberg, L. Zheng, C. Hu, B.B. Barnes, K.L. Daly, S.I. Shin, G.R. Bi9.48/MCID 2.c2.4 (r)d,

(*Euphausia superba*) on the western Antarctic Peninsula continental shelf. *Deep-Sea Research* 82: 17-31.

50. Wishner, K.F., D. Outram, B. Seibel, K.L. Daly, and R.L. Williams. 2013. Zooplankton in the eastern tropical north Pacific: Boundary effects of oxygen minimum zone expansion. *Deep-Sea Research* 79: 122-140. 10.1016/j.dsr.2013.05.012. [One of the top five most cited papers in Deep Sea Research 2013-2016.]
49. \*Wirt, K., P. Hallock Muller, D. Palandro, and K.L. Daly. 2013. Potential habitat of *Acropora* spp. on Florida reefs. *Applied Geography* 39:118-127. Article in Science Letter, June 28, 2013.
48. \*Piñones, A., E.E. Hofmann, K.L. Daly, M.S. Dinniman

40. \*Marrari, M. K.L. Daly, A. Timonin, and T. Semenova. 2011. The zooplankton of Marguerite Bay,  
w

28. Daly, K.L. and J. Zimmerman. 2004. Comparisons of morphology and neritic distributions of *Euphausia crystallorophias* and *Euphausia superba* furcilia during autumn and winter west of the Antarctic Peninsula. *Polar Biology* 28: 72-81. DOI: 10.1007/s00300-004-0660-y.

27. Ju, S.-J., K. Scolardi, K.L. Daly, and H.R. Harvey. 2004. arvlaeae> 0 12 450.B4334F1 (04.a)2.4 0.003 Tc -0.002 Tw 0.

- euphotic zone: the fate of large-sized phytoplankton in the Northeast Water Polynya. *Journal of Plankton Research*20: 1267-1291.
16. Daly, K.L. 1997. Flux of particulate matter through copepods in the Northeast Water Polynya. *Journal of Marine Systems*10: 319-342.
  15. Smith, W.O., Jr., M. Gosselin, L. Legendre, D.W.R. Wallace, K.L. Daly and G. Kattner. 1997. New production in the Northeast Water Polynya: 1993. *Journal of Marine Systems*10: 199-209.
  14. Daly, K.L. and G.R. DiTullio. 1996. Particulate dimethylsulfoniopropionate removal and dimethylsulfide production by zooplankton in the Southern Ocean, pp. 223-238. In: R.P. Kiene, P.T. Visscher, M.D. Keller and G.O. Kirst (eds.), *Biological and Environmental Chemistry of DMSP and Related Sulfonium Compounds* Plenum Press.
  13. Macaulay, M.C., K.F. Wishner, and K.L. Daly. 1995. Acoustic scattering from zooplankton and micronekton in relation to a whale feeding site near Georges Bank and Cape Cod. *Continental Shelf Research*15: 509-537.
  12. Deutschman, D.H., G.A. Bradshaw, W.M. Childress, K.L. Daly, D. Grunbaum, M. Pascual, N. Schumaker, and J. Wu. 1993. Mechanisms of patch formation, pp 184-208. In: S. Levin, T. Powell, and J. Steele (eds.), *Patch dynamics. Lecture Notes in Biomathematics*96. Springer-Verlag, Berlin.
  11. Daly, K.L. and W.O. Smith, Jr. 1993. Physical-biological interactions influencing marine plankton production. *Annual Review of Ecology and Systematics*24: 555-585.
  10. Daly, K.L. and M.C. Macaulay. 1991. The influence of physical and biological mesoscale dynamics on the seasonal distribution and behavior of *Euphausia superba* in the antarctic marginal ice zone. *Marine Ecology Progress Series*59: 37-66.
  9. Daly, K.L. 1990. Overwintering development, growth, and feeding of larval *Euphausia superba* in the Antarctic marginal ice zone. *Limnology and Oceanography*35 (7): 1564-1576.
  8. Daly, K.L. and M.C. Macaulay. 1988. Abundance and distribution of krill in the ice edge zone of the Weddell Sea, austral spring 1983. *Deep-Sea Research*35: 21-41.
  7. Ainley, D.G., W.R. Fraser, and K.L. Daly. 1988. Effects of pack ice on the composition of micronektonic communities in the Weddell Sea, pp 140- 145. In: D. Sahrhage (ed.), *Antarctic Ocean and Resources Variability* Springer-Verlag, Berlin.
  6. Daly, K.L. 1987. Order Mysidacea, pp 320-324. In: E.N. Kozloff (ed.), *Marine invertebrates of the Pacific Northwest*. University of Washington Press
  5. Macaulay, M.C. and K.L. Daly. 1987. A collapsible opening-closing net for zooplankton sampling through ice. *Journal of Plankton Research*9: 1069-1073.
  4. Daly, K.L. and C. Holmquist. 1986. A key to the Mysidacea of the Pacific Northwest. *Canadian Journal of Zoology* 64: 1201-1210.
  3. Daly, K.L. and D.M. Damkaer. 1986. Population dynamics and distribution of *Neomysis mercedis* and *Alienacanthomysis macropsis* (Crustacea: Mysidacea) in relation to the parasitic copepod *Hansenulus trebax* in the Columbia River Estuary. *Journal of Crustacean Biology*6: 840-857.



2. Ross, R., K.L. Daly, and T.S. English. 1982. Reproductive cycles and fecundity of *Euphausia pacifica* in Puget Sound, Washington. *Limnology and Oceanography* 27: 304-314.
1. Macaulay, M.C., K.L. Daly, and T.S. English. 1980. Acoustic observations of biological volume scattering in the vicinity of the IXTOC-1 blowout, pp. 449-452. In: Proceedings of the Symposium on the Preliminary Results from the September, 1979 Pierce/ Research IXTOC-1 Cruises. Key Biscayne, Florida, June 9-10, 1980. Publications Office, NOAA/RD/MP3, Office of Marine Pollution Assessment, NOAA, US Dept. of Commerce, 325 Broadway, Boulder, CO 80303, USA.

#### Non-Refereed Publications

25. Manalang, D., J. Delaney, K. Daly, and W. Wilcock. 2020. Persistent mobile ocean observing: marine vehicle highways. White paper.
24. Ocean Observatories Initiative Facilities Board (Daly, Chair) 2020. *Ocean Observatories Initiative (OOI) Science Plan: Exciting Science Opportunities using OOI Data*.
23. Delany, J.R., D.A. Manalang, A. Marburg, A. Nawaz, and K.L. Daly. 2020. *Report of the Resident AUV Workshop, 9–11 May 2018*. APL-UW TR 1901, Technical Report, Applied Physics Laboratory, University of Washington, Seattle, December 2019, 87 pp.
22. Daly, K.L. 2014. Data Product Specification for Dissolved Nitrate Concentration (L1 NITRDIS and L2 NITRTSC) from the NUTNR Instrument Class. OOI Document Control Number 1341-00620, 31 pp.
21. Daly, K.L. 2014. Women in Oceanography: Autobiographical Sketches. *Oceanography* 27 (4): 91.
20. Boget, E., R. Collier, G. Cram, K. Daly, G. Denny, G. Harkins, D. Luther, V. Miller, D. Russell, W. Waldorf. 2013. RSN and EA Mooring Winch Requirements Trade Study. OOI Document Number 4814-71402
- 19.



PublishedDatasets(since 2001)

doi:10.5285/DFBCBBF9-8673-4FEF-913F-64EA7942D97A KRILLBASE

Biological & Chemical Oceanography Data Management Office (BCO-DMO)

doi:10.1575/1912/bco-dmo.2358.1 Underway chlorophyll data Antarctic Peninsula

doi:10.1575/1912/bco-dmo.2357.1 Discrete chlorophyll data Antarctic Peninsula

doi:10.1575/1912/bco-dmo.2366.1 Euphausiid abundance & distribution Antarctic Peninsula

doi:10.1575/1912/bco-dmo.2386.1 Zooplankton abundance & distribution Antarctic Peninsula

<https://www.bco-dmo.org/dataset/652973/data> Chlorophyll data Eastern Tropical Pacific

<https://www.bco-dmo.org/dataset/652580/data> CTD data Eastern Tropical Pacific

doi:10.1575/1912/bco-dmo.708221 McMurdo Sound icebreaker dates and ice edge distance

doi:10.1575/1912/bco-dmo.708232 McMurdo Sound sea ice parameters

doi:10.1575/1912/bco-dmo.699896 McMurdo Sound CTD data

doi:10.1575/1912/bco-dmo.699891 McMurdo Sound chlorophyll

doi:10.1575/1912/bco-dmo.731152 McMurdo Sound acoustic backscatter krill & silverfish

doi:10.1575/1912/bco-dmo.731147 McMurdo Sound acoustic backscatter

Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC)

doi: 10.7266/N7CC0XN9 CTD and other environmental data NEGOM & West Florida Shelf

doi:10.7266/N7GT5K4R Discrete chlorophyll data NEGOM & West Florida Shelf

doi:10.7266/N7R78C41 Nutrient data NEGOM & West Florida Shelf

doi:10.7266/N78P5XFP SIPPER plankton NEGOM

doi:10.7266/N7MG7MFR Zooplankton dry weight biomass NEGOM

doi:10.7266/N73J39XT Zooplankton abundance & distribution NEGOM & West Florida Shelf

doi:10.7266/N71834DN SIPPER data: Label-noise reduction with support vector machines

doi:10.7266/N7QR4V28 CTD and other environmental data NEGOM & West Florida Shelf

doi:10.7266/N7M043B7 Discrete chlorophyll data NEGOM & West Florida Shelf

doi:10.7266/N7G73BMH Nutrient data NEGOM & West Florida Shelf





- Ainley, D., B. Saenz, K. Daly, S. Kim, G. Ballard, E. Conlisk. Predatory foraging in response to the McMurdo Sound preyscape. Ocean Sciences, Feb. 21-26, 2016, New Orleans, LA.
- Saenz, B., K. Daly, S. Kim, D. Ainley, G. Ballard. Patterns of macrozooplankton and fish occurrence beneath McMurdo Sound fast ice during the spring/summer of 2014/2015. Ocean Sciences, Feb. 21-26, 2016, New Orleans, LA.
- Delaney, J.R., K. Daly and D. Luther. A first detailed tracking of an erupting undersea volcano and its impacts on the overlying ocean via a submarine electro-optical sensor network. Ocean Sciences, Feb. 21-26, 2016, New Orleans, LA.
- McRae, E., K. Daly + others. A cabled, high bandwidth instrument platform for continuous scanning of the upper ocean water column. Ocean Sciences, Feb. 21-26, 2016, New Orleans, LA
- Manalang, D., ...K. Daly + others.



- Wishner, Outram, Seibel, Daly. Boundary effects of oxygen minimum zone expansion on zooplankton in the eastern tropical north Pacific. Ocean Sciences, Feb. 2012, Salt Lake City.
- Cass, C. K.L. Daly, S.G Wakeham. Feeding ecology of *Eucalanus inermis* in the eastern tropical Pacific Ocean: Implications for carbon transport. Ocean Sciences, Feb. 2012, Salt Lake City.
- Daly, K.L., A. Remsen, S. Murasko, D. Outram, and L. Wade. Plankton dynamics following the BP oil spill. Ocean Sciences, Feb. 2012, Salt Lake City.
- Daly, K.L. and H.M. Benway The Ocean Carbon and Biogeochemistry Program: Building a community from the bottom up. Ocean Sciences, Feb. 2012, Salt Lake City. Ocean Sciences, Feb. 2012, Salt Lake City.
- Delaney, J.R., D.S. Kelley, K.L. Daly, D. Luther, A.T. Fundis, G. Proskurowski, O. Kawka. Understanding the planet life support system: Net-generation science in the ocean basins. Ocean Sciences, Feb. 2012, Salt Lake City. Ocean Sciences, Feb. 2012, Salt Lake City.
- Piñones, A., E.E Hofmann, K.L. Daly, M.S. Dinniman, and J.M. Klinck. Modeling early life history stages of Antarctic krill under present and future environmental conditions on the west Antarctic Peninsula. Ocean Sciences, Feb. 2012, Salt Lake City. Ocean Sciences, Feb. 2012, Salt Lake City.
- 2011 Invited plenary speaker, Daly, K.L. Modes of climate and food web variability in high latitude oceans. Fifth International Zooplankton Production Symposium, March 14-18, Pu on, Chile.
- Cass, C.J. and K.L. Daly. Effects of temperature and oxygen on metabolic parameters for eucalanoid copepods of the eastern tropical north pacific: Implications for biogeochemical cycles. Fifth International Zooplankton Production Symposium, March 14-18, Pu on, Chile.



Remsen, A.





- 1999 Daly, K.L., E.E. Hofmann, W.R. Fraser, C.A. Ribic, D.G. Ainley, T.L. Hopkins, and J.J. Torres. Direct and indirect effects of predator-prey interactions: Coupling field observation and a spatially-dependent model. Invited talk; ASLO Aquatic Sciences Meeting, 1-5 Feb., Santa Fe, New Mexico.
- Invited lecture. Daly, K. Water-column biological carbon processes in the Southern Ocean, Polar Marine Science, Gordon Conference, March 7-12, Ventura, CA.
- Invited lecture. Daly, K. Physical and biological controls of carbon flux in the Antarctic Circumpolar Current. September, Center for Coastal Physical Oceanography, Old Dominion University, Norfolk, VA.
- 1998 Daly, K.L., W.O. Smith, Jr., G.R. DiTullio, D.R. Jones, C.W. Mordy, G.C. Johnson, and R.A. Feely. Distribution of biogenic material, nutrients, and pCO<sub>2</sub> in the Pacific sector of the Southern Ocean: Subantarctic and Polar Frontal Zones. AGU/ASLO meeting, Feb. 1997, San Diego. Abstr. EOS 79: 181.
- Jones, D.R., G. R. DiTullio, K.L. Daly, W.O. Smith, Jr., and M.E. Geesey. Latitudinal variability of picoplankton populations in the South Pacific Ocean. AGU/ASLO meeting, Feb. 1997, San Diego. Abstr. EOS 79: 10.
- Daly, K.L., C.A. Ribic, W.R. Fraser, E.E. Hofmann, D.G. Ainley, T.L. Hopkins, and J.J. Torres. Predation mortality of Antarctic krill in the Scotia-Weddell marginal ice zone. SCAR VII International Biology Symposium, 31 Aug. - 4 Sept., Christchurch, New Zealand, Abstr. New Zealand Natural Sciences 23 Supplement: 44.
- Invited lecture. Daly, K. Going to extremes: Life under ice-covered seas, August, Dauphin Island Marine Laboratory, Alabama.
- Invited lecture. Daly, K. Predation mortality of Antarctic krill, *Euphausia superba*, in the Scotia-Weddell marginal ice zone ecosystem", October, Chesapeake Bay Laboratory, Maryland.
- 1997 Daly, K.L. Grazer mediation of biogeochemical fluxes in polar regions: Arctic studies (poster), Biological Processes Associated with Sea Ice Gordon Conference, March, Ventura, CA
- Invited lecture. Daly, K. Anomalous carbon and nitrogen cycling in an Arctic shelf ecosystem, March, University of South Florida, Department of Marine Sciences.
- Invited lecture. Anomalous carbon and nitrogen cycling in an arctic shelf ecosystem, March, Florida State University, Department of Oceanography.
- 1996 Daly, K.L., W.O. Smith, Jr., D. Wallace, A. Skoog, R. Lara and P. Yager. Non- Redfield carbon and nitrogen cycling in an Arctic shelf system. AGU/ASLO meeting, Feb. 1996, San Diego. Abstr. EOS
- Invited lecture. Daly, K. Polar marine systems and global climate: A marine biology perspective, November, University of Tennessee, Department of Ecology.
- 1995 Daly, K.L. Flux of particulate matter through copepods in the Northeast Water Polynya. Northeast Water Polynya Symposium, May 1-5, Helsingør, Denmark.
- Daly, K.L. and G. R. DiTullio. Particulate dimethylsulfoniopropionate removal and dimethylsulfide production by zooplankton in the Southern Ocean. First International Symposium on DMSP and Related Sulfonium Compounds, Jun.5-7, Mobile, AL.
- 1994 Daly, K.L. and G.R. DiTullio. Origins of DMS in the Antarctic: Krill grazing. AGU/ASLO meeting, Feb. 21-25, San Diego. Abstr. EOS 73: 139.
- 1992 Daly, K.L., G. Bradshaw, and D. Grunbaum. Physical and biological processes that influence the spatial patchiness of Antarctic krill. ASLO, Feb. 9-14, Santa Fe.
- 1990 Macaulay, M.C., K. Daly and B. Frost. Patterns of zooplankton and micronekton distribution in relation to a whale feeding site during SCOPEX 1987-1988. AGU/ASLO meeting, Feb. 12-16, New Orleans. Abstr. EOS 71: 68.
- Daly, K.L. and M.C. Macaulay. Abundance, distribution and behavior of *Euphausia superba* in the Antarctic marginal ice zone. Symposium on Polar Marine Ecology, 12-16 May, Trondheim, Norway.

- 1989 Daly, K. Overwintering development, growth and feeding of larval *Euphausia superba* in the Antarctic marginal ice zone. The Oceanography Society Inaugural Meeting, 27-30 August, Monterey, CA.  
Invited lecture. Daly, K.

NSF: GLOBEC Pan-Regional Synthesis: End-to-end energy budgets in US GLOBEC regions. PI: K. Daly, \$157,969 (total proposal \$1.75M 22 PIs) 9/1/08-8/31/11.

Ships: RV *Hoh*, NOAA *Oceanographer*, NOAA *Surveyor*, NOAA *Discoverer*, NOAA *Miller Freeman*, USCG *Westwind*, USCG *Glacier*, USCG *Polar Star*, USCG *Polar Sea*, RV *Polar Duke*, RV *Polarstern*, Tracor Marine *Pierce*, RV *Melville*, RV *Acona*, RV *Endeavor*, RVIB *NB Palmer*, RV *LM Gould*, RV *Seward Johnson*, RV *Knorr*, R/V *Thomas G. Thompson*.

Geographic regions: Puget Sound; Columbia River; NE Pacific; Central-equatorial Pacific; Alaska: Gulf of Alaska, Southeast Alaska, Prince William Sound, Cook Inlet, Bering Sea, Chukchi Sea, Beaufort Sea; Greenland Sea; Gulf of Mexico; Gulf of Maine; Antarctica: Drake Passage, Scotia Sea, Weddell Sea, Antarctic Peninsula, Ross Sea, McMurdo Sound; western and eastern tropical north Pacific Ocean.

#### Field Participation in Major Research Programs

DOMES: Deep Ocean Mining Environmental Studies, 1975-1976  
OCSEAP: Outer Continental Shelf Environmental Assessment Program (Chief Scientist), 1975-80  
IXTOC-1 NOAA Emergency Response Team Ecological assessment of the effects of oil from the IXTOC-1 oil rig blow out, 1979  
CREDDP: Columbia River Estuary Data Development Program (Chief Scientist), 1980-1981  
BIOMASS: international Biological Investigations of Marine Antarctic Systems and Stocks  
    FIBEX - First International Biomass Experiment, 1980-1981  
    SIBEX - Second International Biomass Experiment, 1983-1984  
AMERIEZ : Antarctic Marine Ecosystem Research at the Ice Edge Zone, 1981-1986  
SCOPEX: South Channel Ocean Productivity Experiment, 1988-1989  
AMLR: Antarctic Marine Living Resources, 1978-1990  
NEW Polynya: Northeast Water Polynya (International), 1992-1993  
WOCE/JGOFS (NOAA) (International), 1996  
APIS: Antarctic Pack Ice Seals (International), 1999-2000  
GLOBEC: Southern Ocean Global Ecosystem Dynamics (International), 2001-2002  
Eastern Tropical Pacific Project (Chief Scientist: 17 PIs), 2007-2009  
Gulf of Mexico Research Initiative: Deepwater Horizon oil spill (Chief Scientist), 2010-2014  
McMurdo Sound Antarctic Ecosystem Study 2012-2014  
Ocean Observatories Initiative (OOI) (co-Chief Scientist), 2014

#### ACADEMIC ACTIVITIES

##### Graduate courses developed and taught at USF

Physical-Biological Interactions in Marine Systems  
Marine Ecosystem Dynamics (required for the Marine Resource Assessment program)  
Zooplankton Ecology  
Stable Isotopes and Lipid Biomarkers in Marine System Studies  
Ecological Stoichiometry  
Foundations in Biological and Fisheries Oceanography  
Ecology of Permanently Low Oxygen Regions in the Ocean  
Global Warming, Natural Sciences Undergraduate Honors Course (1 lecture)  
Biological Oceanography (2 lectures & lab)  
Introduction to Statistics for Marine Science (2 lectures)  
Oceanography (undergraduate) (1 lecture)

##### Graduate and Undergraduate Advising

Students Committee Chair: \*Current students





Claire Crowley (Ph.D. 2017). Florida Fishery-Wide Reproductive Indices of Stone Crab, *Menippe mercenaria*, and Their Application to Stock Assessment and Management

2015: William Hogarth Fellowship

Currently an Associate Research Scientist, Florida Fish and Wildlife Research Institute

Palak Dave (M.S. 2018) start Fall 2016; co-advisor with Dr. Dmitry Goldgof (USF Computer Science & Engineering); A Quantitative Analysis of Shape Characteristics of Marine Snow Particles with Interactive Visualization: Validation of Assumptions in Coagulation Models.

Currently a Ph.D. student at USF Computer Science and Engineering

Kate Dubickas (M.S. 2019) start Fall 2014; Zooplankton Community Structure in the NE Gulf of Mexico:

~~149700 (6) Enclosure (1) 8 (1) 2017 4 (1) 10 (1) 11 (1) 12 (1) 13 (1) 14 (1) 15 (1) 16 (1) 17 (1) 18 (1) 19 (1) 20 (1) 21 (1) 22 (1) 23 (1) 24 (1) 25 (1) 26 (1) 27 (1) 28 (1) 29 (1) 30 (1) 31 (1) 32 (1) 33 (1) 34 (1) 35 (1) 36 (1) 37 (1) 38 (1) 39 (1) 40 (1) 41 (1) 42 (1) 43 (1) 44 (1) 45 (1) 46 (1) 47 (1) 48 (1) 49 (1) 50 (1) 51 (1) 52 (1) 53 (1) 54 (1) 55 (1) 56 (1) 57 (1) 58 (1) 59 (1) 60 (1) 61 (1) 62 (1) 63 (1) 64 (1) 65 (1) 66 (1) 67 (1) 68 (1) 69 (1) 70 (1) 71 (1) 72 (1) 73 (1) 74 (1) 75 (1) 76 (1) 77 (1) 78 (1) 79 (1) 80 (1) 81 (1) 82 (1) 83 (1) 84 (1) 85 (1) 86 (1) 87 (1) 88 (1) 89 (1) 90 (1) 91 (1) 92 (1) 93 (1) 94 (1) 95 (1) 96 (1) 97 (1) 98 (1) 99 (1) 100 (1)~~

## PROFESSIONAL SERVICE

### College of Marine Science, USF Committees

2020	Distinguished University Professor Discipline Committee
2018	Geological Oceanographer Search Committee
2016- present	Representative to the UNOLS Council
2016 - 2017	Tenure and Promotion Requirements ad hoc Committee
2016	Chemical Oceanography Search Committee
2014	Chair, Annual Faculty Review Committee
2013 - 2019	Chair, Eminent Scholar Lecture Series Committee
2013 - 2014	Biological Oceanographer Search Committee
2012	Marine Resource Assessment Advisory Committee
2011 - 2012	Phytoplankton Search Committee
2011	COT Faculty Advisory Committee
2010	Phytoplankton Search Committee
2009	Sackett Prize Committee
2008	Weatherbird Science Mission Needs Committee
2007 - 2019	Chair, Space Committee
2007 - present	Tenure and Promotion Committee
2007 - 2010	Eminent Scholar Series Committee
2009 - 2010	Ocean Engineering Degree program
2008 - 2010	COT Faculty Advisory Committee
2008 - 2009	Graduate Student Symposium
2008	Physical Oceanography Search Committee
2004	Sackett Prize Committee
2004	Endowed Visiting Research Associate Committee
2003 - 2004	Evaluation Oversight <i>ad hoc</i> Committee
2003 - 2004	Education and Outreach <i>ad hoc</i> Committee
2003 - 2006	C.W. Bill Young Fellowship Committee
2003 - 2004	Annual Faculty Review Committee
2003 - 2004	Fiscal Policy Committee
2002 - 2006	Graduate Student Recruitment Committee
2002 - 2004	Biology Faculty Recruitment Committee
2002 - 2005	Mentor, GK-12 Graduate Fellowships Program
2002	Eminent Scholar Series Committee
2002 - 2006	Honors and Awards Committee
2002 - 2003	Sea Pay <i>ad hoc</i> Committee

### University of South Florida Committees

2018	Distinguished University Professor Discipline Committee
2012 - 2013	Faculty Senate: Travel Committee
2008 - 2014	Faculty Senate
2008 - 2014	Faculty Senate: Committee on Committees
2002 - 2004	USF Graduate Council
2002 - 2004	USF Policy Subcommittee; Graduate Council

### National and International Committees

2020 - 2021	Chair, NSF's OOI Pioneer Array Relocation Panel
2020	NSF Facility Review Panel
2020 - 2021	Co-Editor, Plankton in the Gulf of Mexico, Deepwater Horizon Oil Spill Synthesis special issue, Marine Pollution Bulletin
2020 - 2022	Fall AGU Planning Meeting Committee, Ocean Sciences
2019 - present	Chair, -

2012 - 2013

Member organizing committee,

2003





Convener of Workshop and Special Session: *Sensor Technology for Remote  
Interactive Experiments in Aquatic Environments*