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Position: Distinguished Professor
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Education and Training

University of California, Santa Barbara. B.A. 1970. Environmental Biology.
University of Washington, Seattle. Ph.D. 1976. Oceanography.
University of Washington, Seattle. M.B.A. 1986. Finance/Operations Management.

Academic/Professional Appointments

2010- Distinguished Professor, Scripps Institution of Oceanography
2004-2008 Department Vice-Chair, Scripps Institution of Oceanography
2004-2008 Director, SIO Marine Science Undergraduate Program
2003-2010 Professor, Scripps Institution of Oceanography
1993-1996 Chair, Dept. of Oceanography, Univ. of Hawaii at Manoa
1987-2003 Associate/Full Professor, Univ. of Hawaii at Manoa
1978-1987 Research Assistant/Associate Professor, Univ. Washington
1976-1978 Postgraduate Research Biologist, Scripps Institution of Oceanography

Honors

Fellow, American Association for the Advancement of Science, 1995
Regent's Medal for Excellence in Research, University of Hawaii, 2001

Synergistic Activities

Executive Committee, California Current Ecosystem (CCE) LTER Program, 2004-
Steering Committee, SIBER (Sustained Indian Ocean Biogeochemical and Ecological
Research), 2008- present
Scientific Advisory Committee, CHOICE-C Program, Carbon cycling in China Seas
Director, SIO Marine Science Undergraduate Program (2004-2008)
Steering Committee, U.S. Joint Global Flux Studies (1995-98)
SIO Advisory Board, CA COSEE (Centers for Ocean Sciences Education Excellence)
P.I., Research Experience for Undergraduates (REU), Univ. Hawaii (1993-2001)
Associate Editor, *Limnology and Oceanography* (1996-2002; 2006-present)
Editorial Advisor/Contributing Editor, *Marine Ecology Progress Series* (1986-present)
Editorial Board, *Ecosystems* (2011-present)

Representative (Recent) Publications

Macías, D., M.R. Landry, A. Gershunov, A.J. Miller, P.J.S. Franks. 2012. Climatic control of upwelling variability in the western North American coast. *PloS ONE* 7(1): e30436. doi:10.1371/journal.pone.0030436.
Landry, M.R., M.D. Ohman, *et al.* 2012. Pelagic community responses to a deep-water front in the California Current Ecosystem: Overview of the A-Front Study. *J. Plankton Res.* 34:739-748.

- Taylor, A.G., R. Goericke, M.R. Landry, K.E. Selph, D.A. Wick, M.J. Roadman. 2012. Sharp gradients in phytoplankton community structure across a frontal zone in the California Current Ecosystem. *J. Plankton Res.* 34:778-789.
- Chen, B., M.R. Landry, B. Huang, H. Liu. 2012. Does warming enhance the effect of microzooplankton grazing on marine phytoplankton in the ocean? *Limnol. Oceanogr.* 57: 519-526.
- Stukel, M.R., M.R. Landry, *et al.* 2012. Do inverse ecosystem models accurately reconstruct plankton food web flows? Comparing two solution methods using field data from the California Current. *J. Mar. Systems* 91: 20-33.
- Landry, M.R., *et al.* 2011. Phytoplankton growth, grazing and production balances in the HNLC equatorial Pacific. *Deep-Sea Res. II*, 58: 524-535.
- Taylor, A.G., M.R. Landry, Selph, K.E., E.-J. Yang. 2011. Biomass, size structure and depth distributions of the microbial community in the eastern equatorial Pacific. *Deep-Sea Res. II*, 58: 342-357.
- Selph, K.E., M.R. Landry, *et al.* 2011. Spatially-resolved taxon-specific phytoplankton production and grazing dynamics in relation to iron distributions in the Equatorial Pacific between 110 and 140°W. *Deep-Sea Res. II*, 58: 358-377.
- Décima, M. M.R. Landry, R. Rykaczewski. 2011. Broad-scale patterns in mesozooplankton biomass and grazing in the eastern equatorial Pacific. *Deep-Sea Res. II*, 58: 387-399.
- Stukel, M.R., *et al.* 2011. Trophic cycling and carbon export relationships in the California Current Ecosystem. *Limnol. Oceanogr.* 56: 1866-1878.
- Landry, M.R., Selph, K.E., E.-J. Yang. 2011. Decoupled phytoplankton growth and microzooplankton grazing in the deep euphotic zone of the HNLC equatorial Pacific. *Mar. Ecol. Prog. Ser.*, 421: 13-24.
- Krause, J.W., M.A. Brzezinski, M.R. Landry, *et al.* 2010. The effects of biogenic silica detritus, zooplankton grazing, and diatom size structure on silicon cycling in the euphotic zone of the eastern equatorial Pacific. *Limnol. Oceanogr.*, 55: 2608-2622
- Stukel, M.R., M.R. Landry. 2010. Contribution of picophytoplankton to carbon export in the equatorial Pacific: A reassessment of food web flux inferences from inverse models. *Limnol. Oceanogr.*, 55: 2669-2685.
- Li, Q.P., P.J.S. Franks, M.R. Landry, R. Goericke, A.G. Taylor. 2010. Modeling phytoplankton growth rates and chlorophyll to carbon ratios in California coastal and pelagic ecosystems. *J. Geophys. Res., Biogeosci.*, 115, G04003, doi:10.1029/2009JG001111.
- Landry, M.R., *et al.* 2009. Lagrangian studies of phytoplankton growth and grazing relationships in a coastal upwelling ecosystem off Southern California. *Prog. Oceanogr.* 83: 208-216.
- Hannides, C.C.S. B.N. Popp, M.R. Landry, B.S. Graham. 2009. Quantification of zooplankton trophic position in the north Pacific Subtropical Gyre using stable nitrogen isotopes. *Limnol. Oceanogr.*, 54: 50-61.
- Landry, M.R., *et al.* 2008. Depth-stratified phytoplankton dynamics in Cyclone *Opal*, a subtropical mesoscale eddy. *Deep-Sea Res. II*, 55: 1348-1359.
- Benitez-Nelson, C.R., *et al.* 2007. Mesoscale eddies drive increased silica export in the subtropical Pacific Ocean. *Science*, 316: 1017-1021.
- Coale, K.H., *et al.* 2004. Southern Ocean Iron Enrichment Experiment: Carbon cycling in high- and low-Si waters. *Science* 304: 408-414.
- Calbet, A., M.R. Landry. 2004. Phytoplankton growth, microzooplankton grazing and carbon cycling in marine systems. *Limnol. Oceanogr.*, 49: 51-57.
- Landry, M.R., *et al.* 1997. Iron and grazing constraints on primary production in the central equatorial Pacific: An EqPac synthesis. *Limnol. Oceanogr.*, 42: 405-418.