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EDUCATION

- 2000 **Doctor of Philosophy in Oceanography**, Scripps Institution of Oceanography, UC San Diego, Supervisor: Dr. Paul K. Dayton
Dissertation: *Planktonic patterns and processes in the giant kelp *Macrocystis pyrifera**
- 1995 **Master of Science in Marine Science**, Moss Landing Marine Laboratories, San Jose State University, Supervisor: Dr. Michael S. Foster
Thesis: *Regulation of the shallow limit of giant kelp, *Macrocystis pyrifera*, at three sites along the Monterey Peninsula*
- 1992 **Bachelor of Arts in Aquatic Biology/Geography**, UC Santa Barbara

EXPERIENCE

- 2016-pres. **Scientific Advisor**, PBS *Oceans*
- 2016-pres. **Director, Advancement and Development**, MLML Center for Aquaculture
- 2012-pres. **Professor of Marine Ecology**, Moss Landing Marine Laboratories, San Jose State University
- 2012-pres. **President**, Sustainable Seaculture Technologies/Monterey Bay Seaweeds
- 2011-pres. **Co-Editor/Managing Editor Journal of Phycology**, Phycological Society of America
- 2008-pres. **Fellow**, California Academy of Sciences
- 2008-2012 **Scientific Consultant**, PBS *Octonauts*
- 2007-2012 **Associate Professor of Marine Ecology**, Moss Landing Marine Laboratories, San Jose State University
- 2003-2007. **Assistant Professor of Marine Ecology**, Moss Landing Marine Laboratories, San Jose State University
- 2003-pres. **Collaborating investigator**, Center for Advanced Studies in Arid Zones (CEAZA, Chile)
- 2001-2002 **University of California Faculty Fellow**, UC Davis. Supervisor: Dr. Richard K. Grosberg
- 2001-2002 **National Center for Ecological Analysis & Synthesis**, Working Group: Long-Term Ecological Records of Marine Environments, Populations and Communities (Leader: Dr. Jeremy B. C. Jackson)
- 2001-2002 **Lecturer**, U.C. Davis (*Marine Ecology*)
- 2000 **Lecturer**, Scripps Institution of Oceanography (*Statistical Techniques*)
- 2000 **Scientific Advisor**, Pixar Animation Studios *Finding Nemo*
- 1999-2000 **Statistical Advisor**, Cabrillo National Monument
- 1997-2000 **Guest Lecturer**, UC San Diego/Scripps Institution of Oceanography (*Benthic Ecology, Marine Ecology*), Univ. of San Diego (*Oceanography*), Hawaii Pacific University (*Ecology*)

AWARDS

- 2005 **Young Investigator of the Year**, SJSU Foundation
- 2001 **Best Published Paper** (2nd out of 80), MarinAlg Best Paper Competition
- 2000 **Best Student Paper**, Western Society of Naturalists Annual Meeting
- 1999 **E. W. Fager Award** for contributions in quantitative ecology, SIO

COMMUNITY SERVICE

2007-pres. President, *Marina Youth Soccer Association*
2013-2016. President, *Marina High School PTSA*
2011-2014. Executive Director, *Marina High School MASST Academy*
2005-2011. Director, *Marina High School Monterey Bay Stewards Program*
2007-2009. President, *Marina Pony Baseball Softball*

PROFESSIONAL SERVICE

2018-pres. Research Committee, *Western Regional Aquaculture Center*
2016-pres. Director, *California Aquaculture Association*
2013 President, *Western Society of Naturalists*
2011-2014 Secretariat, *Western Society of Naturalists*
2011 Chairperson, Applied Phycology Committee, *Phycological Society of America*
2007-2011 Associate Editor, *Ecology/Ecological Monographs*
2007-2011 Associate Editor, *Journal of Phycology*
2007-pres Nominations Committee, *Phycological Society of America*
2008-2009 Member-at-large, *Western Society of Naturalists*
2006-2011 Editorial Board, *Botanica Marina*.
2006-2009 Editorial Board, *Journal of Phycology*.
2005-2008 Associate Editor, *Encyclopedia of Ecology* (Elsevier)
2005 Working Group Member, *California Invasive Seaweeds*
2004 Conservation Working Group, *Monterey Bay National Marine Sanctuary*
2004-2005 Member-at-large, *Western Society of Naturalists*
2002-pres. Editorial Advisory Staff, *Marine Ecology Progress Series*

UNIVERSITY SERVICE

2013 Search Committee, Invertebrate Ecologist, Moss Landing Marine Labs
2012-pres. MLML Committee service: RTP (chair), Development Committee, Diving Control Board, Moss Landing Marine Laboratories
2003-pres. Governing Board member, Moss Landing Marine Laboratories
2003-2012. MLML Committee service: Aquarium Committee, Tech Committee, Museum Committee, Moss Landing Marine Laboratories
2013 Search Committee, Vertebrate Ecologist, Moss Landing Marine Labs
2002 Search Committee, Physical Oceanographer, Moss Landing Marine Labs
1998-2000 Diving Control Board, SIO
1998-1999 Editorial and Publications Committee, SIO

Advising:

Undergraduates: Christian Hansen (1996, UCSD), Everett Yee (1997, UCI), Brian Kinlan (1998, Yale University), Greg Schroeder (2006, SJSU), Gabe Rodriguez (2007-2008, CSUMB), Jasmine Ruvalcaba (2007-2008, CSUMB), Sam Rivera (2008-2009, SJSU), Sarah Jeffries (2010-2011, CSUMB), Elizabeth Ramsay (2013-2014, CSUMB), Mina Sattari (2017-2018, SJSU)

Masters (MLML): Tim Schaadt (2005), Brent Hughes (2007), Amber Szoboszlai (2007), Diana Kohtio (2007), Jenn Jorve (2008), Aurora Alifano (2008), Kyle Demes (2009), Max Overstrom Coleman (2009), Selena McMillan (2009), Thew Suskiewicz (2010), Rosemary Romero (2010), Catalina Reyes (2010), Arley Muth (2010), Megan Wehrenberg (2010), Brynn Hooton (2011), Sonya Sankaran (2011), Sara Hutto (2011), Michael Fox (2013), Jasmine Ruvalcaba (2014), Scott Gabara (2014), Alexis Howard (2014), Sara Worden (2015), Sarah Jeffries (2015), Jarred Klosinski (2015), Heather Fulton-Bennett (2016), Robert San Miguel (2017), Mo Wise (2017), Angela Zepp (2017), Stephan Bitterwolf (2017), Suzanne Christensen (2017), Cody Dawson (2018), Lindsay

Cooper (Current), Steven Cunningham (Current), Elizabeth Ramsay (Current), Maria Vila Dupla (Current), Daniel Gossard (Current), Anne Bishop (Current), Sloane Lofy (Current), Matthew Elliott (Current), Max Rintoul (Current), Mina Sattari (Current), Shelby Penn (Current), Acy Wood (Current), Sean Fitch (Current)

PhD committees: Wendy Cover (2014, UCSC), Brenna Mahoney (2015, UCSC), Jordan Hollarsmith (Current, UC Davis),

Post-doctoral fellows: Dr. Bernat Hereu (2005-2007, Fulbright Fellow University of Barcelona), Dr. Bernat Hereu (2005-2007, Fulbright Fellow University of Barcelona), Dr. Gage Dayton (2005-2007, Texas A&M University).

PROFESSIONAL MEMBERSHIPS

American Society of Limnologists and Oceanographers, Ecological Society of America, International Seaweed Association, Phycological Society of America, Sigma Xi, Western Society of Naturalists, California Aquaculture Association

GRANTS

- 2017-2019 **NOAA #TBA.** Solving impediments to co-culture of seaweed and shellfish. **\$241,083 (coPI, w/ S. Hamilton)**
- 2009-2010 **NSF #0923446.** MRI: Acquisition of a Hitachi S-3400N-II SEM and an INCA E250 EDX System for the microanalysis of sediments and biological material. **\$204,485 (coPI, w/ I. Aiello, J. Geller)**
- 2008-2012 **NSF #0752523.** Effects of ocean climate change on recruitment of kelp populations. **\$571,027 (PI, w/ C. Harley)**
- 2008-2011 **NOAA/ California Sea Grant.** Seaweed strain selection and preservation to optimize harvest yields for abalone culture. **\$301,479 (PI)**
- 2006-2008 **NOAA/ California Sea Grant.** Integrated culture of seaweeds and red abalone in Monterey Harbor. **\$239,387 (PI)**
- 2005 **NOAA/ California Sea Grant.** Development of rope-culture methods for red seaweed aquaculture in California. **\$9,993 (PI)**
- 2004-2008 **NSF #0351778.** Collaborative Research: Biodiversity and ecosystem function in seaweed communities. **\$266,489 (PI, collaborative grant w/ J. Stachowicz)**
- 2004-2006 **EPA.** Development of a regional monitoring program for central California wetlands. **\$180,500 (PI)**
- 2003-2006 **NSF #0320972.** MRI/RUI: Acquisition of a high-speed digital motion analysis system for studying multi-scale interactions in a fluid environment. **\$196,195 (PI, w/ L. Ferry-Graham, J. Geller)**
- 2003-2004 **NSF #0407937.** US-Chile: Planning visit to incorporate Chilean kelp forests into study of kelp life history evolution. **\$5,241 (PI)**
- 2001-2002 **NOAA/ California Sea Grant.** Reproductive biology of *Undaria pinnatifida*, a seaweed recently introduced to southern California: assessing the potential for establishment and spread. **\$9,916 (PI w/ J. Stachowicz, C. Thornber)**
- 2001-2002 **NSF #0120789.** Integrative approaches to natural history. **\$10,950 (PI w/ S. Gilman)**
- 2000-2001 **NSF #0087359.** Natural history in the 21st century: A student symposium. **\$9,250 (co-PI w/ P. Dayton)**
- 1998-2000 **NOAA/California Sea Grant #R/CZ-141.** Effect of spore abundance on recruitment and maintenance of subtidal kelps. **\$100,654 (co-PI w/ P. Dayton)**

PUBLICATIONS

Peer-reviewed Publications

Bonaviri, C, MH Graham, P Gianguzza and NT Shears. 2017. Warmer temperatures reduce the influence of an important keystone predator. *Journal of Animal Ecology* 86:490–500.

- Graham, MH**, MD Fox and SL Hamilton. 2016. Macrophyte productivity and the provisioning of energy and habitat to nearshore systems. In: *Marine Macrophytes as Foundation Species*, CRC Press.
- Akita, S, H Yamada, M Ito, **MH Graham**, D Fujita. 2016. Sorus formation on the holdfast haptera of the kelp *Ecklonia radicata* (Phaeophyceae, Laminariales). *Botanica Marina* 59:433-438.
- Graham, MH**. 2015. Fifty years of the *Journal of Phycology*: What's the impact? *Journal of Phycology* 51: 591–598.
- Erlandson, JM, TJ Braje, KM Gill and **MH Graham**. 2015. Ecology of the Kelp Highway: Did Marine Resources Facilitate Human Dispersal From Northeast Asia to the Americas?. *The Journal of Island and Coastal Archaeology* 10:(ahead-of-print), 1-20.
- Best, RJ, AL Chaudoin, ME Bracken, **MH Graham** and JJ Stachowicz. 2014. Plant-animal diversity relationships in a rocky intertidal system depend on invertebrate body size and algal cover. *Ecology* 95:1308-1322.
- Howard, J, Babij, E, Griffiths, R, Helmuth, B, Himes-Cornell, A, Niemier, P, Orbach, M, Petes, L, Allen, S, Auad, G, Beard, R, Boatman, M, Bond, N, Boyer, T, Brown, D, Clay, P, Crane, K, Cross, S, Dalton, M, Diamond, J, Diaz, R, Dortch, Q, Duffy, E, Fauquier, D, Fisher, W, **Graham, M**, Halpern, B, Hansen, L, Hayum, B, Herrick, S, Hollowed, A, David Hutchins 21, Jewett, E, Jin, D, Knowlton, N, Kotowicz, D, Kristiansen, T, Little, P, Lopez, C, Loring, P, Lumpkin, R, Mace, A, Mengerink, K, Morrison, J, Murray, J, Norman, K, O'donnell, J, Overland, J, Parsons, R, Pettigrew, N, Pfeiffer, L, Pidgeon, E, Plummer, M, Polovina, J, Quintrell, J, Rowles, T, Runge, J, Rust, M, Sanford, E, Send, U, Singer, M, Speir, C, Stanitsk, D. 2013. Ocean and marine resources in a changing climate. *Oceanography and Marine Biology: an Annual Review* 51:71-192.
- Harley, CD, Anderson, KM, Demes, KW, Jorve, JP, Kordas, RL, Coyle, TA, and **MH Graham**. 2012. Effects of climate change on global seaweed communities. *Journal of Phycology* 48:1064-1078.
- Demes, KW and **MH Graham**. 2011. Abiotic regulation of investment in sexual vs. vegetative reproduction in the clonal kelp, *Laminaria sinclairii* (Laminariales, Phaeophyceae) *Journal of Phycology* 47:463-470.
- Henriquez, LA, AH Buschmann, MA Maldonado, **MH Graham**, MC Hernandez-Gonzalez, SV Pereda, and MI Bobadilla. 2011. Grazing on giant kelp microscopic phases and the recruitment success of annual populations of *Macrocystis pyrifera* (Laminariales, Phaeophyta) in southern Chile *Journal of Phycology* 47:252-258.
- Graham, MH**, J Parker, and PK Dayton (eds). 2011. *The Essential Naturalist: Timeless Readings in Natural History*. University of Chicago Press.
- Graham, MH**, BP Kinlan, and RK Grosberg. 2010. Post-glacial redistribution and shifts in productivity of giant kelp forests. *Proceedings of the Royal Society of London: Biological Sciences* 277:399-406.
- MH Graham**. 2010. Comparisons between East-Asian isoyake and deforestation in global kelp systems. *Bulletin of Fisheries Resources Agency* 32:47-50.
- Demes, KW, **MH Graham**, and TS Suskiewicz. 2009. Phenotypic plasticity reconciles incongruous molecular and morphological taxonomies: giant kelp, *Macrocystis* (Laminariales, Phaeophyceae), is a monospecific genus. *Journal of Phycology* 45:1266-1269.
- Erlandson, JM, TJ Braje, and **MH Graham**. 2008. How old is MVII? Seaweeds, shorelines, and the pre-Clovis chronology at Monte Verde, Chile. *Journal of Island and Coastal Archaeology* 3:277-281.
- Stachowicz, JJ, **MH Graham**, MES Bracken, and AI Szoboszlai. 2008. Diversity enhances cover and stability of seaweed assemblages: the importance of environmental heterogeneity and experimental duration. *Ecology* 89:3008-3019.
- Stachowicz, JJ, RJ Best, MES Bracken, and **MH Graham**. 2008. Complementarity in marine biodiversity manipulations: reconciling divergent evidence from field and mesocosm experiments. *Proceedings of the National Academy of Sciences USA* 105:18842-18847.

- Rick, TC, JM Erlandson, TJ Barje, JA Estes, **MH Graham**, and RL Vellanoweth. 2008. Historical ecology and human impacts on coastal ecosystems of the Santa Barbara Channel region, California. Pp. 77-102 in, Rick, TC and JM Erlandson (eds), *Human impacts on ancient marine ecosystems: a global perspective*, University of California Press.
- Graham MH**, BS Halpern, and MH Carr. 2008. Diversity and dynamics of Californian subtidal kelp forests. Pp. 103-134 in, McClanahan, TR and GR Branch (eds), *Food Webs and the Dynamics of Marine Benthic Ecosystems*, Oxford University Press.
- Erlandson, JM, **MH Graham**, RS Steneck, JA Estes, BJ Bourque, and D Corbett. 2007. Peopling the Americas via a kelp highway. *Journal of Island and Coastal Archeology* 1:161-174.
- Graham, MH**. 2007. Sea-level change, effects on coastlines. Denny, MW and SD Gaines (eds), *Encyclopedia of Tidepools*, University of California Press, pp. 497-498.
- Graham, MH**, BP Kinlan, LD Druehl, LE Garske and S Banks. 2007. Deep-water kelp refugia as potential hotspots of tropical marine diversity and productivity. *Proceedings of the National Academy of Sciences USA* 104:16576-16580.
- Graham, MH**, JA Vasquez and AH Buschmann. 2007. Global ecology of the giant kelp *Macrocystis*: from ecotypes to ecosystems. *Oceanography and Marine Biology: an Annual Review* 45:39-88.
- Hernandez-Carmona, G, B Hughes, and **MH Graham**. 2006. Reproductive longevity of drifting kelp *Macrocystis pyrifera* (Phaeophyceae) in Monterey Bay, USA. *Journal of Phycology* 42:1199-1207
- Kinlan BP, **MH Graham**, JM Erlandson. 2005. Late Quaternary changes in the size and shape of the California Channel Islands: implications for marine subsidies to terrestrial communities. *Proceedings of the California Islands Symposium* 6:119-130
- Erlandson, JM, TC Rick, JA Estes, **MH Graham**. 2005. Sea otters, shellfish, and humans: a 10,000-year record from San Miguel island, California. *Proceedings of the California Islands Symposium* 6:56-68
- Munoz, V, MC Hernandez-Gonzalez, AH Buschmann, **MH Graham**, and JA Vasquez. 2004. Variability in per capita oogonia and sporophyte production from giant kelp gametophytes (*Macrocystis pyrifera*, Phaeophyceae). *Revista Chilena De Historia Natural* 77: 639-647
- Graham, MH**. 2004. Effects of local deforestation on the diversity and structure of southern California giant kelp forest food webs. *Ecosystems* 7:341-357
- Thornber, CS, BP Kinlan, **MH Graham**, and JJ Stachowicz. 2004. Population ecology of the invasive kelp *Undaria pinnatifida* in California: environmental and biological controls on demography. *Marine Ecology Progress Series* 268:69-80
- Graham, MH**. 2003. Confronting multicollinearity in ecological multiple regression. *Ecology* 84:2809-2815
- Graham, MH**. 2003. Coupling propagule output to supply at the edge and interior of a giant kelp forest. *Ecology* 85:1250-1264
- Kinlan, BP, **MH Graham**, E Sala, and PK Dayton. 2003. Arrested development of giant kelp (*Macrocystis pyrifera*, Phaeophyceae) embryonic sporophytes: a mechanism for delayed recruitment in perennial kelps? *Journal of Phycology* 39:1-12
- Graham, MH**, PK Dayton, and JM Erlandson. 2003. Ice ages and ecological transitions on temperate coasts. *Trends in Ecology and Evolution* 18:33-40
- Steneck, RS, **MH Graham**, BJ Bourque, D Corbett, JM Erlandson, JA Estes, and MJ Tegner. 2002. Kelp forest ecosystems: biodiversity, stability, resilience and their future. *Environmental Conservation* 29:436-459
- Graham, MH**, PK Dayton, and MA Hixon (editors). 2002. Paradigms in Ecology: Past, Present, and Future. *Special Feature in Ecology* 83:1479-1480
- Graham, MH** and PK Dayton. 2002. On the evolution of ecological ideas: paradigms and scientific progress. *Ecology* 83:1481-1489
- Graham, MH**. 2002. Prolonged reproductive consequences of short-term biomass loss in seaweeds. *Marine Biology* 140:901-911

- Sala, E and **MH Graham**. 2002. Community-wide distribution of predator-prey interaction strength in kelp forests. *Proceedings of the National Academy of Sciences USA* 99:3678-3683
- Graham, MH** and MS Edwards. 2001. Statistical significance vs. fit: estimating relative importance of individual factors in ecological analysis of variance. *Oikos* 93:505-513
- Graham, MH**. 1999. Identification of kelp zoospores from in situ plankton samples. *Marine Biology* 135:709-720
- Graham, MH** and BG Mitchell. 1999. Obtaining absorption spectra from individual macroalgal spores using microphotometry. *Hydrobiologia* 398/399:231-239
- Graham, MH**. 1999. Where will all the PhDs go? *Trends in Ecology and Evolution* 5:208
- Graham, MH**. 1997. Factors determining the upper limit of giant kelp, *Macrocystis pyrifera*, along the Monterey Peninsula, central California, USA. *Journal of Experimental Marine Biology and Ecology* 218:127-149
- Graham, MH**, Harrold, C, Lisin, S, Light, K, Watanabe, J, and MS Foster. 1997. Population dynamics of *Macrocystis pyrifera* along a wave exposure gradient. *Marine Ecology Progress Series* 148:269-279
- Graham, MH**. 1996. Effect of high irradiance on recruitment of the giant kelp, *Macrocystis* (Phaeophyta), to shallow water. *Journal of Phycology* 32:903-906

In preparation:

- Graham, MH**. Geographic variability in life history traits leads to variable population persistence in the annual kelp *Postelsia palmaeformis*. To be submitted to *Ecology*.
- Graham, MH** and E Sala. A general unified approach to estimate the strength of species interactions. To be submitted to *Ecology Letters*.

INVITED SYMPOSIA, SEMINARS AND WORKSHOPS

- Causes and consequences of global kelp deforestation. International Isoyake Symposium, August 2, 2008. Tokyo, Japan.
- Function of global kelp systems. Departmental Seminar at iMar, Puerto Montt Chile, July 14, 2008.
- Temperate kelps in deep tropical waters. Departmental Seminar, Bamfield Marine Science Centre, June 21, 2007.
- Functional role of seaweeds in marine systems. Departmental Seminar, Hawaii Institute of Marine Biology, May 29, 2007.
- Temperate kelp populations in deep tropical waters. Evolutionary History of Kelps Symposium at 27th International Seaweed Symposium, April 21-25, 2007. Kobe, Japan.
- Causes and Consequences of kelp deforestation in California. Isoyake Symposium at 27th International Seaweed Symposium, April 21-25, 2007. Kobe, Japan.
- Temperate kelps in deep tropical waters *Moss Landing Marine Labs Seminar*, January 2007.
- Algal diversity manipulations: How do seaweeds structure rocky shores? Presented in: Macroalgae as ecological probes at *Phycological Society of America Annual Meeting*. Juneau, Alaska, July 2006.
- Life history evolution and the dynamics of kelp recruitment. *Bodega Marine Labs Seminar*, July 2005, *Pontificia Universidad Católica de Chile Ecology Seminar*, July 2005, and *San Jose State University*, October 2005.
- Predicting past and future effects of climate change on kelp distribution and productivity. *International Symposium on Construction of Seaweed Forests*, September 14-18, 2004. Gangrueng, South Korea.
- Predicting past and future effects of climate change on kelp distribution and productivity. Kelps and Climate Change Symposium at *International Seaweed Symposium*, June 21-25, 2004. Bergen, Norway.
- Life history evolution and the persistence of kelp populations. *University of California Santa Barbara Departmental Seminar*, March 9, 2004.

Life history evolution and the persistence of kelp populations. *University of Chicago* Departmental Seminar, March 2, 2004.

Ice age kelp forests: climate-driven changes in kelp forest distribution since the last glacial maximum. *Seaweeds and Climate Change Symposium at Phycological Society of America Annual Meeting*, June 12-18, 2003, Salishan, Oregon.

Foundation species and the dynamics of natural communities: a kelp forest case study. *UC Santa Cruz Ecology Seminar*, May 2002 and *Bodega Marine Labs Seminar*, May 2002.

Kelps as foundation species: from population to community dynamics. *Moss Landing Marine Labs Ecology Seminar*, April 2002.

Contemporary and historical processes in kelp population and community dynamics. *University of Washington*, Zoology Department Seminar, April 2001 and *UC Davis*, Center for Population Biology Seminar, April 2001.

Contemporary and historical processes in kelp population dynamics. *San Diego State University*, Ecology Seminar, February 2001 and *Moss Landing Marine Labs Ecology Seminar*, March 2001.

The secret life of kelps: planktonic processes and population dynamics. Ecology of big brown algae symposium at *Phycological Society of America Annual Meeting*. San Diego, July 2000.

PUBLIC OUTREACH

Ocean Day Presentation, Miss Barbara's Child Development Center (pre-Kindergarden), Spring 2008.

Kelp Week Presentation, Olson Elementary School (K-5), September 2007.

Invited speaker. *Understanding the functional role of seaweed's in nearshore marine systems*. Public seminar, Friends of MLML, October 2007.

Ocean Day Presentation, Miss Barbara's Child Development Center (pre-Kindergarden), Spring 2007.

Invited speaker. *The of Monterey's seaweed systems*. Public seminar, American Cetacean Society, April 2007.

Kelp Week Presentation, Olson Elementary School (K-5), September 2006.

Ocean Day Presentation, Miss Barbara's Child Development Center (pre-Kindergarden), Spring 2006.

Invited speaker. *Understanding the functional role of seaweed's in nearshore marine systems*. Annual Board Meeting, San Jose State University Foundation, September 22, 2005

Public seminar. *Diversity benefits from the bottom up: how seaweeds structure rocky shores*. Friends of Moss Landing Marine Laboratories, September 16, 2005

Public seminar. *Wakame: a kelp invasion of Monterey Harbor*. Open House, Moss Landing Marine Laboratories, April 27, 2003

Invited speaker. *Current health of California's kelp forests*. Annual retreat of US Congressman Sam Farr and Associates, January 29, 2004

Ocean Day Presentation, Miss Barbara's Child Development Center (pre-Kindergarten), Spring 2004