

Curriculum Vitae

Name: Corey Garza, Ph.D.

Address: Department of Marine Science
California State University, Monterey Bay
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Education

California State University, Los Angeles, Biology B.Sc., Cum Laude 1995

University of California, Santa Barbara, Ecology, Evolution and Marine Biology, Ph.D.
2001

Professional Appointments

2020-current Professor, Department of Marine Science, California State University, Monterey Bay

2017-2018 Biology Program Coordinator, California State University, Monterey Bay

2016-current Director, Coastal and Marine Ecosystems Program, California State University, Monterey Bay

2015-2016 Visiting Scientist, Moss Landing Marine Labs (Sabbatical Year Appointment)

2014-2020 Associate Professor, School of Natural Sciences, California State University, Monterey Bay. (*Program changed to Department of Marine Science in 2018).

2014-current Director, Monterey Bay Regional Ocean Science Research Experiences for Undergraduates

2008-2014 Assistant Professor, Division of Science and Environmental Policy*, California State University, Monterey Bay. (*Program name changed to School of Natural Sciences in 2015)

2006-2007 Research Ecologist, National Oceanic and Atmospheric Administration, Northeast Fisheries Science Center

2006-2007 NOAA science liaison to USEPA Long Island Sound Study

2006-2007 Adjunct Assistant Professor, Department of Marine Science, University of Connecticut.

2004-2006 Postdoctoral Researcher, Center for Environmental Analysis, California State University, Los Angeles.

2001-2003 Postdoctoral Researcher, United States Environmental Protection Agency, Environmental Monitoring and Assessment Program (EMAP), joint appointment Western Ecology Division and Gulf Ecology Division.

Academic Honors

2020 Elected Fellow, California Academy of Sciences

2017 INSIGHT Into Diversity Magazine, Inspiring Leader in STEM.

External Committees

2021 Board of Trustees, California Academy of Sciences

2021 Member, External Advisory Committee, NSF Global Ocean Biogeochemistry Array

2021 Member, Science Advisory Committee California Sea Grant Artificial Reef Program

2021-2023 Member, Board of Directors, American Geophysical Union (AGU)

2019-current Member, American Geophysical Union (AGU) Diversity and Inclusion Advisory Committee

2019-current, Chair, Western Society of Naturalists, Diversity, Equity and Inclusion Committee.

2018-current Council of Experts, NSF Center for Advancing Research Impact in Society (ARIS)

2018—2020 Member, National Board of Directors, SACNAS

2018 Invited Participant, National Science Foundation, Coastlines and People (CoPe) Workshop, San Diego, CA.

2017 Member, Review Team, California Sea Grant North Coast Marine Protected Area Baseline (NCMPA) Program

2017, 2019 Member, Site Review Team, NSF Science and Technology Center (STC), Center for Dark Energy Biosphere Investigations (C-DEBI), University of Southern California

2016 Member, Site Review Team, NSF Experimental Program to Stimulate Competitive Research (EPSCoR), University of the Virgin Islands.

2016-2019 Member, UNESCO Intergovernmental Oceanographic Commission, Global Ocean Science Education Program.

2014-current NSF proposal review panel participant.

2013 Invited Participant, NSF and NOAA annual program review for National COSEE Program.

2012-2014 Secretariat, Western Society of Naturalists

2011, 2014 Local Organizing Committee, SACNAS National Conference

2010 Invited participant, SACNAS Leadership Institute

2010 Invited participant, NSF and NOAA 10 year program review for National COSEE Program

2009-current Member of the CSU Council on Ocean Affairs Science and Technology

2008-2010, Member of external advisory committee for the Center for Environmental Analysis at CSU Los Angeles.

Publications

Garza, C. 2021. Diversifying the ocean sciences: Thoughts on the challenge ahead. *Oceanography*, 34(2). <https://doi.org/10.5670/oceanog.2021.204>

Harris, L., Grayson, T., Neckles, H.A., Emrich, C., Lewis, K.A., Grimes, K.W., Williamson, S., **Garza, C.**, Whitcraft, C.R., Pollack, J.B., Talley, D.M., Fertig, B., Palinkas, C.W., Park, S., Vaudrey, J.M.P., Fitzgerald, A.M., Quispe, J. **2021.** A socio-ecological imperative for broadening participation in coastal and estuarine research and management. *Estuaries and Coasts*. <https://doi.org/10.1007/s12237-021-00944-z>

Harris, L. **Garza, C.**, plus 18 co-authors. **2021.** Equitable Exchange: A framework for diversity and inclusion in the geosciences. *AGU Advances*. <https://doi.org/10.1029/2020AV000359>

Sloan, V., Haacker, R., Batchelor, R. and **Garza, C. 2020.** How COVID-19 is affecting undergraduate research experiences, *Eos*, 101: <https://doi.org/10.1029/2020EO145667>

Dundas, S.J., Levine, A.S., Lewison, R.L., Doerr, A.N., White, C., Galloway, A.W., **Garza, C.**, Hazen, E.L., Padilla-Gamiño, J., Samhouri, J.F. and Spalding, A., **2020.** Integrating oceans into climate policy: Any green new deal needs a splash of blue. *Conservation Letters*, p.e12716.

Garza, C. 2019. Landscape Ecology in the Rocky Intertidal: Opportunities for

Advancing Discovery and Innovation in Intertidal Research. *Current Landscape Ecology Reports*, 4 (3): 83-90.

Flanagan, A., Flood, R.D., Frisk, M.G., **Garza, C.**, Lopez, G.R., Maher, N.P., and Cerrato, R.M. **2018**. The relationship between observational scale and observed variance in biological communities. *PLOS-One*, 13(1), e0189313.

Bassett, M., Lindholm, J., **Garza, C.**, Kvitek, R., and Wilson-Vandenberg, D. **2017**. Lingcod (*Ophiodon elongates*) habitat associations in California: implications for conservation and management. *Environmental Biology of Fishes*, 1-11.

Garza, C. 2016. Landscape structure effects on fisheries and fisheries management. *Current Landscape Ecology Reports*. Special Issue, Interaction of landscape structure and natural resource management, 1 (1): 1-9.

Garza, C. 2015. Reaching out to underserved communities. *Marine Technology Society Journal*. Special Issue, Blue Futures: Educating the Next Generation, 49 (4): 8-12.

Kowalski, B., Watson, F., **Garza, C.** and Delgado, B. **2015**. Effect of landscape covariates on the distribution and detection probabilities of mammalian carnivores. *Journal of Mammalogy*, 96 (3): 511-521.

Brousseau, D. J., Goldberg, R. and **Garza, C. 2014**. Impact of predation by the invasive crab *Hemigrapsus sanguineus* on juvenile blue mussel survival in western Long Island Sound, USA. *Northeastern Naturalist*, 21 (1): 119-133.

Yarish, C., Swanson, L., Tedesco, M., Latimer, J. Stacey, P. and **Garza, C.** Eds. **2014**. *Long Island Sound: Prospects for an Urban Sea*, XXII, 899 pp. Springer, New York, New York.

Tedesco, M., Swanson, L., Stacey, P., Latimer, J., Yarish, C., and **Garza, C. 2014**. Synthesis for Management. In: *Long Island Sound: Prospects for an Urban Sea*, XXII, Yarish, C., Swanson, L., Tedesco, M., Latimer, J. Stacey, P. and **Garza, C.** Eds. pp:481-539. Springer, New York, New York.

Rosevelt, C, Los Huertos, M., **Garza, C.**, Nevins, H.M. **2013**. Marine debris in central California: Quantifying type and abundance of beach litter in Monterey Bay, CA. *Marine Pollution Bulletin*, 71: 299-306.

Young, M.A., Kvitek, R.G., Iampietro, P.J., **Garza, C.D.**, Maillet, R. and Hanlon R.T. **2011**. Seafloor mapping and landscape analyses used to monitor variations in spawning site preference and benthic egg mop abundance for the California market squid (*Doryteuthis opalescens*). *Journal of Experimental Marine Biology and Ecology*, 407 (2): 226-233.

Young, M. Kvitek, R., Iampietro, P, and **Garza, C. 2010**. Multivariate bathymetry derived landscape ecology model accurately predicts rockfish distribution in Cordell Bank National Marine Sanctuary, CA, USA. *Marine Ecology Progress Series*, 415: 247-261

Robles, C., **Garza, C.**, Desharnais, D, Donahue M. **2010**. Landscape patterns in boundary intensity: A case study of mussel beds. *Landscape Ecology*, 25 (5): 745-759.

Garza, C. and Robles, C. **2010**. Effect of brackish water incursions on vertical foraging excursions of the keystone predator *Pisaster ochraceus*. *Marine Biology*, 157: 673-682.

Robles, C. Desharnais, R., **Garza, C.**, Donahue, M. and Martinez, A. **2009**. Complex equilibria in the maintenance of boundaries: Experiments with mussel beds. *Ecology* 90(4), pp. 985-995.

Garza, C. 2008. Relating spatial scale to patterns of polychaete species diversity in coastal estuaries of the Western United States. Special Issue: Marine and Coastal Applications in *Landscape Ecology*. *Landscape Ecology*, 23 (Supplement 1), pp. 107-121.

Hanrahan, G.S., **Garza, C.**, Garcia, E. and Miller, K. **2007**. Experimental design and response surface modeling: method development tools for the determination of reduced inorganic species in environmental samples. *Journal of Environmental Informatics*, 9 (2), pp. 71-79.

Garza, C. 2005. Prey productivity effects on the impact of predators of the mussel, *Mytilus californianus* (Conrad), *Journal of Experimental Marine Biology and Ecology*, 324 (1), pp. 71-79.

Summers, K., Pesch, G., Walker, H., Kiddon, J., Harvey, J., **Garza, C.**, Engle, V., Smith, L., Harwell, L., Nelson, W., Lee, H., Lambertson, J., Burgan, B., and Bigler, J. **2005**. National Coastal Condition Report II. EPA/620/R-03/002. US Environmental Protection Agency, Office of Research and Development, Office of Water. Washington, DC 20460 pp. 285.

Articles in Review

Kolesar, S., Behl, M., Cooper, S., **Garza, C.**, Jones, B., Legg, S. and Lewis, J. **2021**. Charting a course to a Just, Equitable, Diverse and Inclusive (JEDI) future. Submitted to *The Oceanography Society*. (In Review).

Garza, C. and Eddy, T. **2021**. Employing drones and remote sensing approaches in studies of the rocky intertidal. Submitted to *Conservation Biology*. (In Review)

Orr, D., **Garza, C.**, Robles, C. and Kvitek, R. **2021** Multiscale predictive modeling of wave velocity and its distribution across an intertidal landscape. Submitted to *Marine Ecology Progress Series*. (In Review)

Technical Reports

2018 Research and Management Priorities to Address Sea Star Wasting Syndrome: A Collaborative Strategic Action Plan. Published by the Sea Star Wasting Syndrome Task Force, 36pp <http://www.piscoweb.org/strategic-action-plan>

Grant Awards

Garza, C. and Good, L. 2020. Building a diverse ocean science community through collaboration: Reframing the R1-MSI research partnership model. Special Invited Submission to NSF Division of Ocean Science. **Project Funded: \$300,000 for one year renewable annually.**

Garza, C. 2020. The SACNAS Geo-Futures Program. Invited Submission to National Science Division Geoscience Directorate. **Project Funded: \$99,500 for one year.**

Pitter, S. Kelley, B., **Garza, C.**, Hicks, D., Cho., J. **2020.** Ecological Significance of Living Shorelines in Selected Coastal Communities. Submitted to NOAA National Ocean Service Planet Stewards Program. **Project Funded: \$60,000 for two years.**

Garza, C. 2020. Collaborative Geo-Bridge. Submitted to NSF GEOPATHs Program. **Project Funded: \$389,000 for three years.**

Miller R.J., DiLorenzo, E., **Garza, C.**, Eliason, E. and Nidzieko, N. **2019.** CoPe RCN: New Technology to Inform Coastal Science and Management. Submitted to NSF Coastlines and People Program. **Project Funded: \$500,000 for three years.**

Garza, C. 2019 Renewal: REU: From the intertidal to the deep ocean: Monterey Bay Regional Ocean Science REU. Submitted to NSF BIOOCE. **Project Funded: \$779,000 for three years.**

Narayanan, S, Byun, Y, and **Garza, C. 2018.** ARRA: California Wireless Broadband. Renewal submitted California Public Utilities Commission (ARRA Funding). **Project Funded: \$2,341, 677 for five years.**

Garza, C. 2018 The SACNAS Geo-Futures Program. Invited Submission to National Science Division Geoscience Directorate. **Project Funded: \$98,500 for one year. Renewable annually.**

Garza, C. 2017. From the Intertidal to the Deep Ocean: Monterey Bay Regional Ocean Science Research Experiences for Undergraduates Program. Renewal Submission to National Science Foundation, Biological Oceanography Division. **Project Funded: \$515,000 for three years.**

Abazinge, M., Cho, H., **Garza, C.**, Turner, T., McLaughlin, R., and Hicks, D. **2016.** Center for Coastal and Marine Ecosystems. National Oceanic and Atmospheric Administration, Cooperative Science Center Competition. **Project Funded: \$15,500,000 for five years**

Garza, C. Parrish, J., Posselt, J., and Harris, L. **2016.** Active Societal Participation in Research and Education (ASPIRE). Invited submission to National Science Foundation, GEO Opportunities for Leadership in Diversity (GOLD) Program. **Project Funded: \$400,000 for three years, currently in one year no-cost extension.**

Schofield, O., Kohut, J., **Garza, C.** and McDonnell, J. **2015.** Improved Polar Data Access and Communication. National Science Foundation Division of Polar Programs. **Project Funded: \$1,100,000 for three years.**

Garza, C. 2014. From the Intertidal to the Deep Ocean: Monterey Bay Regional Ocean Science Research Experiences for Undergraduates Program. National Science Foundation Biological Oceanography Division. **Project Funded: \$505,000 for three years.**

Navarro, M. **2014**. Seasonal Dynamics of Sandy Habitat Geomorphology and Epifaunal Associations on the Continental Shelf of Monterey Bay, California. NSF Postdoctoral Fellow Award to M. Navarro with C. Garza as faculty sponsor. **Project Funded: \$150,000 for two years.**

Yoder, J. and Garza, C. **2013**. Ocean Opportunities - A Partnership Approach to Increase Diversity in Ocean Science Graduate Programs. Deerbrook Charitable Trust. **Project Funded: \$70,831 for two years.**

Garza, C. **2013**. CSU COAST Marine Geospatial Data Collection, Analysis and Application Workshop. California Sea Grant Program Development Award W13-59PD. **Project Funded: \$5,000 for one year.**

Garza, C. and Aiello, I. **2012**. Multi-scale geomorphic controls over littoral communities in Central California. California State University Council on Ocean Affairs, Science and Technology Collaborative Incentive Award. **Project Funded: \$10,000 for one year.**

Narayanan, S, Byun, Y, and Garza, C. **2012**. ARRA: California Wireless Broadband. California Public Utilities Commission (ARRA Funding). **Project Funded: \$2,341, 677 for five years.**

Garza, C. **2011**. The Value of Habitat Diversity in Marine Reserves: Spiny Lobster and Sheephead Use of the Intertidal Zone at the Santa Catalina Island MPA. University of Southern California Sea Grant Program and California Ocean Protection Council. **Project Funded: \$88,000 for two years.**

Robles, C., Halpin, P. and Garza, C. **2011**. Spatial realism in the mussel bed disturbance paradigm. National Science Foundation Biological Oceanography Division. **Project Funded: \$778,000 for five years.**

Garza, C. **2010**. COAST Geospatial Analysis Center Development Award. California State University Council on Ocean Affairs, Science and Technology. **Project Funded: \$9,936 for one year.**

Aiello I, Garza, C. and Robles, C. **2009**. Multi-scale geomorphic controls over littoral communities in California. California State University Council on Ocean Affairs, Science and Technology. Release time provided for developing NSF Proposal. **Project Funded: \$26,496 for one semester.**

Garza, C. **2008**. Development of scale sensitive methods for measuring patterns of species distribution and abundance in Carmel Bay. Foundation of CSUMB Incentive Scholars Award Mini-Grant. **Project Funded: \$5,000 for one year.**

Garza, C. and Deguise, S. **2007**. Long Island Sound Environmental Data Synthesis, Connecticut Sea Grant, USEPA-LI-978-183601. **Project Funded: \$39,783 for two years.**

Invited Presentations

2021 Department of Biology, San Jose State University. A Game of Drones: Advancing Discovery and Innovation in Coastal Research.

2021 Bevan Series in Sustainable Fisheries, School of Aquatic and Fisheries Science.

University of Washington. Pathways to Diversity and Equity in STEM: Challenges and Opportunities.

2021 Picture a Scientists Discussion Panel, Monterey Bay Aquarium and Monterey Bay Aquarium Research Institute.

2020 The Coastal Society, Pathways to Diversity and Inclusion in 21st Century Coastal Planning: Lessons Learned from Challenges and Opportunities in the Geosciences.

2020 CICESE, Ensenada Center for Scientific Research and Higher Education. A Game of Drones: Advancing Discovery and Innovation in Intertidal Research.

2020 Florida State University, Department of Biological Sciences. A Game of Drones: Advancing Discovery and Innovation in Intertidal Research.

2019 Memorial University of Newfoundland, Department of Ocean Science. Landscape Ecology in the Coastal Environment: Advancing Discovery and Innovation in Coastal Research.

2019 UC Davis Bodega Marine Lab. Landscape Ecology in the Coastal Environment: Advancing Discovery and Innovation in Coastal Research.

2018 Keynote Speaker, National Science Foundation, Hispanic Heritage Month Celebration. Enhancing Diversity in the Ocean Sciences: Challenges and Opportunities. NSF Headquarters, Alexandria, VA.

2018 ASPIRE: Active Societal Participation in Research and Education. Program briefing presented to NSF Committee on Equal Opportunities in Science and Engineering. NSF Headquarters, Alexandria, VA.

2017 Diversifying the Ocean Science Workforce: Challenges and Opportunities. Annual Meeting of the NSF Center for Dark Energy Biosphere Investigations, Monterey, CA.

2017 From the intertidal to under the sea: A landscape of possibilities in marine ecology. Wrigley Institute for Environmental Studies, University of Southern California.

2017 ASPIRE: Active Societal Participation in Research and Education. National Center for Atmospheric Research (NCAR), University of Colorado, Boulder, CO.

2016 Invited Speaker, UNESCO Intergovernmental Oceanographic Commission, Global Ocean Science Education Workshop, UNESCO Headquarters, Paris, France. The Oceans and Human Health.

2016 Invited Speaker, University of Washington, School of Aquatic and Fishery Sciences. From the intertidal to the deep ocean: A landscape of possibilities in marine ecology.

2015 Invited Speaker, UC Davis Bodega Marine Lab, From the intertidal to the deep ocean: A landscape of possibilities in marine ecology.

2015 Invited Speaker, Victoria University of Wellington, From the intertidal to the deep ocean: A landscape of possibilities in marine ecology.

2015 Invited Speaker, Canterbury University, Christchurch, From the intertidal to the deep ocean: A landscape of possibilities in marine ecology.

2015 Keynote Speaker, Annual Meeting of the Multi-Agency Rocky Intertidal Network (MARINe), From the intertidal to the deep ocean: A landscape of possibilities in marine ecology.

2014 Keynote Speaker, Consortium for Ocean Leadership Ocean Science Educators Retreat, Enhancing Diversity in the Ocean Sciences: Challenges and Opportunities.

2014 Invited Speaker, Moss Landing Marine Labs: An isoscape approach for assessing energetic performance of MPA networks.

2014 Invited Speaker, Cal-GIS Annual Users Group Meeting: From the intertidal to the ocean deep: A landscape of possibilities in marine ecology.

2013 Invited Speaker, Oregon State University, Hatfield Marine Science Center, From the intertidal to the ocean deep: A landscape of possibilities in marine ecology.

2013 Invited Speaker, California State University, Los Angeles, Department of

Biology, From the intertidal to the ocean deep: A landscape of possibilities in marine ecology. **2012** Invited Speaker, San Jose State University, Department of Biology, From the intertidal to the ocean deep: A landscape of possibilities in marine ecology. **2012** Invited Speaker, San Francisco State University, Department of Biology, From the intertidal to the ocean deep: A landscape of possibilities in marine ecology. **2009** Guest Lecturer, Stanford University, Hopkins Marine Station, Intertidal Biomechanics Summer Course. **2009** Invited Speaker, Oregon State University, Hatfield Marine Science Center, A landscape based approach to testing dynamic models of benthic marine communities. **2009** Invited Speaker, Environmental Systems Seminar Series, University of California, Merced. A landscape based approach to testing dynamic models of benthic marine communities. **2008** Invited Speaker, Moss Landing Marine Lab. A landscape based approach to testing dynamic models of benthic marine communities. **2008** Invited Speaker, Center for Environmental Analysis, California State University Los Angeles. An ecosystem based approach to coastal resource management: Lessons from Long Island Sound.

Teaching Appointments

2017 Instructor, MSC1495/574 Marine Landscape Ecology, CSU Monterey Bay
2014-current Instructor, MSC1 350, Quantitative Marine Science, California State University, Monterey Bay, Division of Science and Environmental Policy
2013 Instructor, GEO 365, Marine GIS, Oregon State University, Hatfield Marine Science Center, Summer Session.
2013-2015 Instructor, ENV5 545, Marine Ecological Systems, California State University, Monterey Bay, Division of Science and Environmental Policy
2008-current Instructor, ENV5 332, Introduction to GIS/GPS, California State University, Monterey Bay, Division of Science and Environmental Policy
2008-2011 Instructor, ENV5 300, Reading, Writing and Critical Thinking in Environmental Science Technology and Policy, California State University, Monterey Bay, Division of Science and Environmental Policy
2008 Instructor, STAT 250, Applied Statistics for Science and Technology, California State University, Monterey Bay, Division of Science and Environmental Policy
2007 Instructor, MARN 410, Statistical Methods for Research in the Marine Environment, University of Connecticut, Department of Marine Science.
2007 Instructor, Biology of Marine Birds, Summer Field Course, Bamfield Marine Sciences Centre, British Columbia, Canada
2006 Lecturer, Marine-Terrestrial Interactions, Summer Field Course, Bamfield Marine Sciences Centre, British Columbia, Canada
2005 Instructor, Biology 472, Marine Ecology, California State University, Los Angeles, Department of Biological Sciences
2003 Instructor, Statistics for the Environmental Sciences, USEPA, Gulf Ecology Division Continuing Education Series

Postdoctoral Scholars Supervised

2014-2016 Dr. Michael Navarro, NSF Postdoctoral Fellow, currently Assistant Professor at University of Alaska Southeast.

Graduate Students Supervised

2008-2009 Shinobu Okano, MS, CSUMB (Committee Member)
2008-2012 Scott Toews, MS, CSUMB (Primary Advisor) **2009-2011** Clover Lee, PSM, CSUMB (Primary Advisor)

2009-2011 Shae Mitchell, MS, CSUMB (Co-Supervisor)
2009-2011 Carolyn Rosevelt, MS, CSUMB (Committee Member)
2009-2013 Sean Castorani, MS, CSUMB (Committee Member)
2010-2013 Bart Kowalski, MS, CSUMB (Committee Member)
2010-2012 Elizabeth Pardieck, PSM, CSUMB (Primary Advisor)
2010-2015 Megan Bassett, MS, CSUMB (Committee Member)
2010-2013 Justin Peglow, MS, Moss Landing Marine Lab (Committee Member)
2011-2013 Tamsen Byfield, Ph.D., Victoria University of Wellington (Committee Member)
2012-2014 Ben Walker, PSM, CSUMB (Primary Advisor)
2012-2015 Mary McCormick, MS, CSUMB (Primary Advisor)
2012-2015 Daniel Orr, MS, CSUMB (Primary Advisor)
2012-2015 Sean Windell, MS, CSUMB (Primary Advisor)
2013-2016 Alison Flanagan, Ph.D., Stony Brook University (Committee Member)
2013-2015 Winn McEnery, PSM, CSUMB (Primary Advisor)
2013-2015 Patrick Mulcahy, PSM, CSUMB (Primary Advisor)
2013-2015 Ashley Quackenbush, PSM, CSUMB (Primary Advisor)
2014-2016 Jordan Maeding, PSM, CSUMB (Primary Advisor)
2016-2018 Marquerite McCann, PSM, CSUMB (Primary Advisor)
2017-2019 Michaela Miller, MS, CSUMB (Primary Advisor)
2017-2020 Taylor Eddy, MS, Moss Landing Marine Labs/CSUMB (Primary Advisor)
2020-current, Nina Mauney, MS, Moss Landing Marine Labs/CSUMB (Primary Advisor)
2020-current, Alexandra Lapides, Moss Landing Marine Labs/CSUMB (Primary Advisor)

Undergraduate Students Supervised

2008-2010 Xeronimo Castaneda, CSUMB, McNair Program Scholar (Research Mentor)
2008-2010 Alexis Hall, CSUMB, McNair Program Scholar (Research Mentor)
2008-2010 Alison Jones, CSUMB McNair Program Scholar (Research Mentor)
2009-2011 Maren Mitch, CSUMB McNair Program Scholar (Research Mentor)
2009-2010 Krystal Schneider, CSUMB UROC Intern (Research Mentor)
2009-current Timothy Fuller, CSUMB, UROC Intern (Research Mentor)
2010-2013 Lauren Tobosa, CSUMB UROC Intern (Research Mentor)
2011-2013 Amber Reichert, CSUMB, NSF Undergraduate Research Trainee (Research Mentor)
2013 Katie Sowul, CSUMB, USC Sea Grant Undergraduate Research Trainee (Research Mentor)
2013-2014 Griffin Srednick, CSUMB UROC Intern (Research Mentor)
2013-2014 Patrick Sabordo, CSUMB, NSF Undergraduate Research Trainee (Research Mentor)
2013-2014 Christopher Vargas, San Jose State University, NIH MARC Intern (Research Mentor)
2012-2014 Mitchell Takata, CSUMB, USC Sea Grant Undergraduate Research Trainee (Research Mentor)
2012-2015 Cristina Villalobos, CSUMB McNair Program Scholar (Research Mentor)

2014-2016 Alison Aceves, CSUMB McNair Program Scholar (Research Mentor)
2015 Chelsea Burgess, Haskell Indian Nations University, CSUMB Ocean Science REU Participant (Research Mentor).
2016 Darimar Davila, University of Puerto Rico, CSUMB Ocean Science REU Participant (Research Mentor)
2017-2019, Riley Young, NOAA Center for Coastal and Marine Ecosystems Scholar.
2019-current, Jamie Byrne, NOAA Center for Coastal and Marine Ecosystems Scholar.
2019-current, Sarah Kilbane, NOAA Center for Coastal and Marine Ecosystems Scholar.
2019-current, Jason Gronich, NOAA Hollings Scholar
2019-current, Jezalla Peraza, NOAA EPP/MSI Scholar.
2019-current, Maria Rocha, UROC Scholar.

Educational Outreach

2015 Guest Speaker, MESA Leadership Retreat
2013 Guest Speaker, California Forum for Diversity in Graduate Education
2013 Guest Speaker, CSUMB Migrant Youth Days
2010 Guest Speaker, RISE high school education program
2009 and 2010 Guide, Coastwalk Intertidal Educational Program
2008 and 2009 Guest Speaker, Career Day, Salinas High School
2007-current, Educational Mentor, Society for the Advancement of Chicanos and Native Americans in Science
2004-current, Organizer, Professional Development and Scientific Sessions in Marine Science at the annual meeting of the Society for the Advancement of Chicanos and Native Americans in Science.

Editorial Duties

2015-current Manuscript reviewer for Ecology
2012-current Manuscript reviewer for Journal of Plankton Research **2011-current** Manuscript reviewer for Journal of Animal Ecology **2011-current** Manuscript reviewer for the Journal of Biogeography **2010-current** Manuscript reviewer for Oecologia
2009-current Manuscript reviewer for Ecological Monographs
2008-current, Manuscript reviewer for Marine Ecology Progress Series
2006-current, Manuscript reviewer for the Journal Marine Biology

Society Memberships

2015-current Marine Technology Society
2014-current American Geophysical Union
2012-current Association for the Sciences of Limnology and Oceanography
2004-current Society for the Advancement of Chicanos and Native Americans in Science
2004-current United States Chapter of the International Association for Landscape Ecology
1996-current Western Society of Naturalists

University Wide Service

2013-current Member, CSUMB Office of Inclusive Excellence
2012-2015 Chair, CSUMB Faculty Affairs Committee
2010-2018 Faculty representative, CSUMB Student Fee Advisory Committee

2009-2013 CSUMB Senate Liaison to Associated Students and Internal Affairs

2009-2013 Marine Science Program representative to CSUMB Academic Senate.

Department Committee Work

2018 Member, Faculty Search Community for Biological Oceanographer Faculty Position

2017 Chair, Search Committee, Science Education and Outreach Coordinator

2013 Member Faculty Search Committee for Marine Conservation Biology Faculty Position

2012 Member Faculty Search Committee for Genomics Faculty Position

2012-current Member of Marine Science Program faculty committee

2011 Member Faculty Search Committee for Marine Physiology Faculty Position

2011-current Member of Biology Program faculty committee

2010 Co-Chair Faculty Search Committee for Marine Biology Faculty Position.

2008-current Member of CSUMB graduate committee

