

CASCADE J. B. SORTE
Curriculum vitae, updated 11 July 2016

Department of Ecology and Evolutionary Biology
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ACADEMIC PREPARATION

- 2005-2010 Ph.D., Evolution and Ecology, University of California - Davis
Thesis: *Climate change, species invasions, and the composition of marine communities*
- 2001-2003 M.A., Ecology, Evolution, and Marine Biology, University of California - Santa Barbara
Thesis: *The ecophysiological underpinnings of biogeographic patterns: temperature effects on the distributions of Nucella congeners*
- 1995-1999 B.A., Biology, Whitman College
Thesis: *Larval dynamics of the sand crab, Emerita analoga, off the central Oregon coast during a strong El Niño period*

POSITIONS HELD

- 2014-present Assistant Professor, University of California - Irvine
- 2011-2013 Visiting Research Assistant Professor, Northeastern University
- 2010-2013 Postdoctoral Research Associate, University of Massachusetts - Boston
- 2009 Graduate Coordinator, Research Experience for Undergraduates program, Bodega Marine Lab
- 2004-2005 Research Technician, University of California - Davis
- 1999-2001 Research Technician, Partnership for Interdisciplinary Studies of Coastal Oceans, Oregon State U.

PUBLICATIONS (* denotes student advisees)

- xx. **Sorte CJB**, Pandori LL, Cai S, Davis K (*in review*) Wind-driven variability in flow influences poleward dispersal and temperature tolerances in recruiting cohorts of a marine invertebrate. *Limnology & Oceanography*.
28. **Sorte CJB**, Davidson VE, Franklin MC, Benes KM, Doellman MM, Etter RJ, Hannigan RE, Lubchenco J, Menge BA (*in press*) Long-term declines in an intertidal foundation species parallel shifts in community composition. *Global Change Biology*.
27. Early R, Bradley BA, Dukes JS, Lawler JJ, Olden JD, Blumenthal DM, Gonzalez P, Grosholz ED, Ibáñez I, Miller LP, **Sorte CJB**, Tatem AJ (*in press*) Global threats from invasive species in the 21st century and national response capacities. *Nature Communications*.
26. **Sorte CJB** (2016) Evolution and invasive species. *In: Encyclopedia of Evolutionary Biology* (Ed: Kliman R) Elsevier Ltd, Oxford, UK. 2:282-287.
25. **Sorte CJB**, Bracken MES (2015) Warming and elevated CO₂ interact to drive rapid shifts in marine community production. *PLoS ONE*. 10:e0145191.
24. Bradley BA, Early RI, **Sorte CJB** (2015) Space to invade? Comparative range infilling and potential range of invasive and native plants. *Global Ecology & Biogeography*. 24:348-359.
23. **Sorte CJB** (2014) Synergies between climate change and species invasions: evidence from marine systems. *In: Invasive Species and Global Climate Change* (Eds: Ziska LH, Dukes JS) CABI Publishing, Oxfordshire, UK.
22. Ibáñez I, Diez JM, Miller LP, Olden JD, **Sorte CJB**, Blumenthal DM, Bradley BA, D'Antonio CM, Dukes JS, Early RI, Grosholz ED, Lawler JJ (2014) Integrated assessment of biological invasions. *Ecological Applications*. 24:25-37.

21. Bates AE, McKelvie CM, **Sorte CJB**, Morley SA, Jones N, Mondon J, Bird TJ, Quinn G (2013) Geographical range, heat tolerance, and invasion success in aquatic species. *Proceedings of the Royal Society B*. 280:20131958.
20. **Sorte CJB**, Etter RJ, *Spackman R, Boyle EE, Hannigan RE (2013) Elemental fingerprinting of mussel shells to predict population sources and redistribution potential in the Gulf of Maine. *PLoS ONE*. 8:e80868.
19. **Sorte CJB**, White JW (2013) Competitive and demographic leverage points of community shifts under climate warming. *Proceedings of the Royal Society B*. 280:20130572.
18. **Sorte CJB**, Ibáñez I, Blumenthal DM, Molinari NA, Miller LP, Grosholz ED, Diez JM, D'Antonio CM, Olden JD, Jones SJ, Dukes JS (2013) Poised to prosper? A cross-system comparison of climate change effects on native and non-native species performance. *Ecology Letters*. 16:261-270.
17. **Sorte CJB** (2013) Predicting persistence in a changing climate: flow direction and limitations to redistribution. *Oikos*. 122:161-170.
16. *Cockrell MA, **Sorte CJB** (2013) Predicting climate-induced changes in population dynamics of invasive species in a marine epibenthic community. *Journal of Experimental Marine Biology and Ecology*. 440:42-48.
15. Diez JM, D'Antonio CM, Dukes JS, Grosholz ED, Olden JD, **Sorte CJB**, Blumenthal DM, Bradley BA, Early R, Ibáñez I, Jones SJ, Lawler J, Miller LP (2012) Will extreme climatic events facilitate biological invasions? *Frontiers in Ecology and the Environment* 10:249-257.
14. Bradley BA, Blumenthal DM, Early RI, Grosholz ED, Lawler JJ, Miller LP, **Sorte CJB**, D'Antonio CM, Diez JM, Dukes JS, Ibáñez I, Olden JD (2012) Global change, global trade, and the next wave of plant invasions. *Frontiers in Ecology and the Environment* 10:20-28.
13. Fischer EV, Mackey KRM, Cusack DF, DeSantis LRG, Harzell-Nichols L, Lutz JA, Melbourne-Thomas J, Meyer R, Riveros-Iregui DA, **Sorte CJB**, Taylor JR, White SA (2012) Pre-tenure interdisciplinary research: is it a career risk? *Eos, Transactions of the American Geophysical Union* 93:311-312.
12. Bracken MES, Menge BA, Foley MM, **Sorte CJB**, Lubchenco J, Schiel DR (2012) Mussel selectivity for high-quality food drives carbon inputs into open-coast intertidal ecosystems. *Marine Ecology Progress Series* 459:53-62.
11. **Sorte CJB**, Stachowicz JJ (2011) Patterns and processes of compositional change in a California epibenthic community. *Marine Ecology Progress Series* 435:63-74.
10. **Sorte CJB**, Jones SJ, Miller LP (2011) Geographic variation in temperature tolerance as an indicator of potential population responses to climate change. *Journal of Experimental Marine Biology and Ecology* 400:209-217.
9. *Zerebecki RA, **Sorte CJB** (2011) Temperature tolerance and stress proteins as mechanisms of invasive species success. *PLoS ONE* 6:e14806.
8. **Sorte CJB**, Williams SL, *Zerebecki RA (2010) Ocean warming increases threat of invasive species in a marine community. *Ecology* 91:2198-2204.
7. **Sorte CJB**, Williams SL, Carlton JT (2010) Marine range shifts and species introductions: comparative spread rates and community impacts. *Global Ecology and Biogeography* 19:303-316.
6. **Sorte CJB**, *Fuller A, Bracken MES (2010) Impacts of a simulated heat wave on composition of a marine community. *Oikos* 119:1909-1918.

5. Harley CDG, Hughes AR, Hultgren K, Miner BG, **Sorte CJB**, Thornber CS, Rodriguez LF, Tomanek L, Williams SL (2006) The impacts of climate change in coastal marine systems. *Ecology Letters* 9:228-241.
4. **Sorte CJB**, Hofmann GE (2005) Thermotolerance and heat-shock protein expression in Northeastern Pacific *Nucella* species with different biogeographical ranges. *Marine Biology* 146:985-993.
3. **Sorte CJB**, Hofmann GE (2004) Changes in latitudes, changes in aptitudes: *Nucella canaliculata* (Mollusca: Gastropoda) is more stressed at its range edge. *Marine Ecology Progress Series* 274:263-268.
2. Halpin PM, **Sorte CJ**, Hofmann GE, Menge BA (2002) Patterns of variation in levels of Hsp70 in natural rocky shore populations from microscales to mesoscales. *Integrative and Comparative Biology* 42:815-824.
1. **Sorte CJ**, Peterson WT, Morgan CA, Emmett RL (2001) Larval dynamics of the sand crab, *Emerita analoga*, off the central Oregon coast during a strong El Niño period. *Journal of Plankton Research* 23:939-944.

GRANTS

- Sorte C (PI)**, Bracken M (co-PI) (2016-2017) Effects of multiple aspects of climate change on marine biodiversity and ecosystem functioning. Single and Multi-investigator Research Projects Seed Funding Award, UC-Irvine (\$39,400).
- Sorte C (PI/Director)** (2015-2016) International Colloquium: Will Impacts of Global Change be Greater than the Sum of its Parts? Albert & Elaine Borchard Foundation (\$35,000).
- Davis K (Engineering PI), **Sorte C** (Ecology PI) (2015-2016) Coping with climate change: integrating computational fluid dynamics and ecophysiology to assess poleward range shifts in an equatorward current system. Interdisciplinary Innovation Initiative, UC-Irvine (\$30,975).
- Bracken M, **Sorte C** (2014-2017) Marine Biology Seawater Laboratory. Small Capital Improvement Program, UC-Irvine (\$200,000).
- Sorte C (PI)**, Etter RJ, Hannigan R (2013-2015) Are blue mussels declining in the Gulf of Maine?: population trajectories, connectivity, and spatiotemporal variation in reproduction. MIT Massachusetts Sea Grant (\$145,999).
- Sorte CJB (PI)**, Dukes JS, Lawler JJ (2010-2012) Working group: Climate change and invasive species: are non-natives poised for greater success in future climatic conditions? National Center for Ecological Analysis and Synthesis (\$65,625 for 4 working group meetings).
- Sorte CJB** (2007-2009) Invasions as proxies for climate-driven range expansions. UC-Davis Invasive Species IGERT Program (\$3,000).
- Sorte CJ** (2002) Are organisms more physiologically stressed near their range boundaries? Sigma Xi Scientific Research Society Grants-in-Aid of Research (\$300).
- Sorte CJ** (1998) Washington State Work-Study Grant to fund undergraduate senior thesis project (\$2,800 stipend).

FELLOWSHIPS, HONORS & AWARDS

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| 2014 | Scientist in Residency Fellowship, Sitka Sound Science Center, AK |
| 2011 | Selected to participate in NSF/NASA DISCCRS (DISsertation initiative for the advancement of Climate Change ReSearch) Symposium |
| 2011 | Selected to participate in NSF ADVANCE workshop, Rice University |
| 2009 | American Association of University Women American Dissertation Fellowship (\$20,000) |
| 2009 | College of Biological Sciences Dean's Circle Mentorship Award (\$2,500 fellowship & \$2,500 to support an undergraduate research assistant), UC-Davis |
| 2008 | Coastal Environmental Quality Initiatives Fellowship from the Ocean Protection Council (\$30,000) |
| 2006 | Bodega Marine Lab Fellowship, UC-Davis (\$8,500) |
| 2005-2007 | Block Grants, Graduate Group in Ecology, UC-Davis (\$17,000) |
| 2002 | Honorable Mention, Best Student Paper Competition, Western Society of Naturalists |

2001-2002	Arizona State University Graduate Academic Scholarship (\$22,500; moved with advisor to UCSB)
1999	Elected to Sigma Xi, The Scientific Research Society
1995-1999	Claire Sherwood Memorial Fellowship, Whitman College (\$15,000) for leadership potential
1995-1999	Academic Fellowship, Whitman College (\$28,000)
1995-1999	Robert C. Byrd Congressional Scholarship (\$6,000)

TEACHING

Instructor

Spring 2016	Bio Sci E120: Marine Biology (100 students), co-taught with M. Bracken
Spring 2016	Bio Sci 199: Marine Ecology, undergraduate research (3 students)
Winter 2016	Bio Sci 199: Marine Ecology, undergraduate research (2 students)
Fall 2015	Bio Sci E186: Population & Community Ecology (6 students)
Fall 2015	Bio Sci 199: Marine Ecology, undergraduate research (2 students)
Spring 2015	Bio Sci E120: Marine Biology (94 students), co-taught with M. Bracken
Spring 2015	Bio Sci 199: Marine Ecology, undergraduate research (3 students)
Winter 2015	Bio Sci 199: Marine Ecology, undergraduate research (2 students)
Fall 2014	Bio Sci 199: Marine Ecology, undergraduate research (1 student)

Guest Lectures

Winter 2015	ESS 60B: Local Environmental Issues
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Teaching Experience – prior to UCI appointment

Instructor

2013	Marine Biology (undergraduate, 30 students), Northeastern University
2013	Climate Change (undergraduate, 35 students), Emerson College
2013	Invasive Species: Evolution, Ecology & Management (graduate, 4 students), UMass-Boston
2012	Marine Biology (undergraduate, 20 students), Northeastern University
2012	Climate Change (undergraduate, 30 students), Emerson College
2012	Invasive Species (undergraduate, 31 students), Emerson College
2011	Invasive Species: Evolution, Ecology & Management (graduate, 11 students), UMass-Boston
2011	Ecology (undergraduate, 40 students), Northeastern University
2010	Ecology (undergraduate, 90 students), Northeastern University
2005	Introduction to Principles of Biology Lab (undergraduate, 25 students), Santa Rosa Junior College

Teaching Assistant

2003	Invertebrate Biology, UC-Santa Barbara
2003	General Biology II, UC-Santa Barbara
2002	General Biology II, Arizona State University
2001	Human Anatomy and Physiology, Arizona State University
1999	Marine Biology, Whitman College

Guest Lectures

2012	Coastal and Marine Pollution, UMass-Boston
2011	Global Change Biology, UMass-Boston
	Animal Behavior, Hampshire College
	Changing Oceans, Duke University
2008, 09, 11	Invertebrate Zoology, Three Seas Program, Northeastern University Marine Science Center

ADVISING***Current Postdoctoral Scholars***

2015-present Nyssa Silbiger

Current Graduate Students

2015-present Piper Wallingford, Ph.D. student

2014-present Lauren McQuinn, Ph.D student

Student Committees

2016-present Ashley Peterson, Ph.D. committee, UC-Irvine

2015-present Kevin Rothstein-Kightly, Ph.D. committee, UC-Irvine

2015-present Alyssa Braciszewski, Ph.D. committee, UC-Irvine

2015-present Laura Elsberry, Ph.D. committee, UC-Irvine

2015-present Chan Wai Shan Melanie, M.Phil. committee, Hong Kong University

2015 Kylla Benes, Ph.D. qualifying exam committee, UC-Irvine

2014 Maggie Simon, Ph.D. qualifying exam committee, University of California, Los Angeles

Past Graduate Students (3; from the Three Seas Marine Biology Master's Program, Northeastern University)

2009 Marcy Cockrell (currently Ph.D. student at University of South Florida)

2009 Robyn Zerebecki (currently Ph.D. student at Northeastern University)

2008 Adam Fuller (currently Ph.D. student at University of Alabama)

Past Undergraduate Students (9)

2014 Victoria Davidson, undergraduate research intern conducting thesis research, Whitman College

2013 Marcus Franklin (Research Experience for Undergraduates Intern, UMass-Boston)

2011 Carissa McKinney (Research Experience for Undergraduates Intern, UMass-Boston)

2011 Robert Spackman (Research Experience for Undergraduates Intern, UMass-Boston)

2011 Michael Hutson (research intern)

2011 Jordan Tower (volunteer intern)

2011 Sarah Trieweler (volunteer intern)

2010 Rachel Wong (research assistant)

2009 Jasmina Cerda (Research Experience for Undergraduates Intern, Bodega Marine Lab)

2007 Omar Bonilla (Research Experience for Undergraduates Intern, Bodega Marine Lab)

2006 Melanie Evans (volunteer intern)

INVITED SEMINARS

2016 Neobiota International Conference on Biological Invasions, Luxembourg (Keynote, scheduled)

Ecological Society of America Conference, Fort Lauderdale (Symposium talk)

University of Exeter, United Kingdom

Newport Bay Conservancy Symposium on Climate Change and El Niño (Public Lecture)

2015 Western Society of Naturalists Conference, Sacramento (Symposium talk)

Humboldt State University

Newport Bay Conservancy Symposium on Invasive Species (Public Lecture)

MIT Massachusetts Sea Grant, Boston

“Building Partnerships for Ocean Health in Southern California” conference (hosted by UC-Irvine)

Back Bay Science Center, Newport Beach, CA (Public Lecture)

University of Canterbury, Christchurch, New Zealand

University of Otago, Dunedin, New Zealand

Victoria University, Wellington, New Zealand

California State University - Fullerton

2014 University of Washington

Hopkins Marine Station, Stanford University

California State University - Long Beach

Sitka Sound Science Center, AK (Public Lecture)

- 2013 University of California - Irvine
Scripps Institution of Oceanography
University of Connecticut
- 2012 California Polytechnic State University
California State University - Northridge
- 2011 University of California - Berkeley
University of Rhode Island
Northeastern University Marine Science Center (Public Lecture)
University of Massachusetts - Boston
Green Mountain College, Vermont
University of Massachusetts - Amherst
National Center for Ecological Analysis and Synthesis
- 2010 Brown University
Petersburg Marine Mammal Center, AK (Public Lecture)
- 2009 Moss Landing Marine Laboratories
Canada Aquatic Invasive Species Network Annual Meeting (Keynote Address; Williams SL, Sorte CJB)
- 2000 Oregon Shores Coastal Coalition and CoastWatch Conference

PRESS

Links available on <www.cascadesorte.org>

- 2015 Interview for Maine Public Radio. “While Maine mussel fishermen struggle, farmers ‘continue to grow’”. Aired 20 Feb. <<http://news.mpbm.net/post/while-maine-mussel-fishermen-struggle-farmers-continue-grow>>
- 2014 Interview for KCAW Public Radio Sitka Nature Program, Sitka, AK. Aired 20 July. <<http://www.kcaw.org/wp-content/uploads/Programming/Sunday%20130%20to%20230.mp3>>
- 2014 Interview for KCAW Public Radio, Sitka, AK. “Science and tide pools”. Aired live 09 July. <<http://www.kcaw.org/2014/07/09/science-and-tide-pools/>>
- 2010 Interview for KFSK Public Radio, Petersburg, AK. “Researcher calls for attention to invasive marine species”. Aired 28 June.
- 2010 News broadcast on ABC Ch. 7 (KGO-TV) San Francisco, CA featuring an interview with my advisor about my dissertation work. “Invasive species impact NorCal’s marine life”. Aired 27 September.

CONTRIBUTED PAPERS (* denotes student advisees)

- 2015 Bradley BA, Early R, **Sorte CJB**. Space to invade? Comparative range infilling and potential range of invasive and native plants. International Conference on the Ecology and Management of Alien Plant Invasions (EMAPi), Hilo, HI.
- 2014 **Sorte CJB**, Bracken MES. Interactions between multiple aspects of climate change: a field manipulation of CO₂ and temperature in tide pool communities. Western Society of Naturalists, Tacoma, WA.
- 2014 McQuinn LL, **Sorte CJB**, Maurel SA, Davis KA. Mussel recruitment and thermotolerance across an upwelling cycle. Western Society of Naturalists, Tacoma, WA.
- 2014 Davidson VE, **Sorte CJB**, Franklin M, Doellman M, Benes K, Gannett A, McQuinn L, Hepner M. Historical comparisons indicate declines in mussel abundances in the Gulf of Maine. Poster, Western Society of Naturalists, Tacoma, WA.
- 2014 Franklin MC*, Doellman M, **Sorte C**. Blue mussel (*Mytilus edulis*) abundance in the Gulf of Maine: a historical approach to determining population trajectories. Poster, American Society of Limnology and Oceanography, Honolulu, HI.
- 2013 **Sorte CJB**, Etter R, Spackman R, Boyle E, Hannigan R. Predicting population persistence: can blue mussels redistribute poleward under climate change? Poster, International Biogeography Society, Miami, FL.
- 2013 Bradley BA, Early RI, **Sorte CJB**. How far from equilibrium are non-native plants? Implication for modeling invasion risk. Poster, International Biogeography Society, Miami, FL.

- 2012 **Sorte CJB**, Ibáñez I, Blumenthal DM, Molinari NA, Miller LP, Grosholz ED, Diez JM, D'Antonio CM, Olden JD, Jones SJ, Dukes JS. Poised to prosper: do demographic outcomes favor non-native species in a changing climate? Ecological Society of America, Portland, OR.
- 2011 **Sorte CJB**, White JW. Climate change and context-dependent competitive outcomes alter community composition. Ecological Society of America, Austin, TX.
- 2010 **Sorte CJB**, *Cockrell MA. Predicting the impacts of ocean warming on a California fouling community using stage-structured population modeling. International Invasive Sea Squirrels Conference, Woods Hole, MA.
- 2010 **Sorte CJB**, Williams SL. Ocean warming increases threat of invasive species in a marine fouling community. Benthic Ecology Meeting, Wilmington, NC.
- 2010 *Cockrell MA, **Sorte CJB**, Bracken MES. Stage-structured population modeling as a tool for predicting species' responses to climate change. Benthic Ecology Meeting, Wilmington, NC.
- 2010 *Zerebecki RA, **Sorte CJB**. Are invasive species more temperature tolerant than natives? An evaluation of current hypotheses. Benthic Ecology Meeting, Wilmington, NC.
- 2009 **Sorte CJB**, *Fuller A, Bracken MES. Heat waves and invasive dominance in the Bodega Harbor (California) fouling community. Western Society of Naturalists, Monterey, CA.
- 2009 *Cerdeja JA, **Sorte CJ**, Williams SL. Associations between native and invasive *Caprella* and *Bugula*: epifauna-substratum interactions. Western Society of Naturalists, Monterey, CA.
- 2009 *Cockrell MA, **Sorte CJB**. Stage-structured population modeling for the invasive tunicate *Botrylloides violaceus*: implications for population and community structure in the face of climate change. Western Society of Naturalists, Monterey, CA.
- 2009 *Zerebecki R, **Sorte CJB**. Are invasive species more temperature tolerant than natives? A marine fouling community case study. Western Society of Naturalists, Monterey, CA.
- 2009 **Sorte CJB**, *Fuller A, Bracken MES. Shift in non-native species dominance triggered by a simulated heat wave. Coastal and Estuarine Research Federation, Portland, OR.
- 2009 *Cerdeja JA, **Sorte CJ**, Williams SL. Associations between native and invasive *Caprella* and *Bugula*: epifauna-substratum interactions. Poster, Society for Advancement of Chicanos and Native Americans in Science, Dallas, TX.
- 2009 **Sorte CJB**, Carlton JT, Williams SL. Can climate-driven range expansions be informed by non-native species invasions? Marine Bioinvasions Conference, Portland, OR.
- 2009 **Sorte CJB**, Williams SL. Can climate-driven range expansions be informed by non-native species invasions? Poster, International Biogeography Society, Merida, Mexico.
- 2008 **Sorte CJB**, Williams SL. Predicting impacts of climate change on marine community composition. Western Society of Naturalists, Vancouver, British Columbia, Canada.
- 2008 **Sorte CJB**, Williams SL. Can climate-driven range expansions be informed by non-native species invasions? Benthic Ecology Meeting, Providence, RI.
- 2007 Byrnes JE, Bowles CM, Bracken ME, Gruner DS, Hays C, Ferner M, Nickols KJ, Ram KA, **Sorte CJB**, Williams SL. Combining long-term surveys with structural equation modeling to examine kelp forest food webs. North American Benthological Society, Columbia, SC.
- 2005 **Sorte C**, Grosholz E, Blake R, Christiansen N, Love C, Mahl U. Ecosystem engineering by the invasive *Spartina* hybrid: impacts of above- and below-ground structure on benthic invertebrate communities. Poster, Ecological Society of America, Montreal, Canada.
- 2004 **Sorte CJB**, Hofmann GE. Thermotolerance and heat-shock protein expression in Northeastern Pacific *Nucella* species with different biogeographic ranges. Western Society of Naturalists, Rohnert Park, CA.
- 2004 **Sorte CJ**, Hofmann GE. Changes in latitudes, changes in aptitudes: stress and condition across intertidal species' ranges. Poster, Ecological Society of America, Portland, OR.
- 2002 **Sorte CJ**, Hofmann GE. Factors determining intertidal whelk distributions: does temperature play a role? Western Society of Naturalists, Monterey, CA.
- 2002 **Sorte CJ**, Hofmann GE. Heat-shock protein expression in *Nucella* species of the Northeast Pacific. Poster, Society for Integrative and Comparative Biology, Anaheim, CA.
- 2000 **Sorte CJ**, Halpin PM, Hofmann GE, Menge BA, Lubchenco J. Spatial and temporal variability of heat-shock protein expression in *Mytilus californianus*. Poster, Western Society of Naturalists, Portland, OR.

MENTORING

- 2014 Led half of week-long marine biology day camp for elementary school students, Sitka, AK
- 2010 High school student internship (2 months in the lab), Marblehead, MA
- 2010 Ambrose Elementary School Mentor Program (group leader of 3 students), Winchester, MA
- 2007 High school student's career project, Sebastopol, CA
- 2002 Undergraduate Mentoring in Environmental Biology Program, Arizona State University
- 2001 South Shore Elementary School Girls' Science Club (group leader of 3 students), Albany, OR
- 2001 High school students (2) in Job Shadow Program, Corvallis, OR

SERVICE

Ad Hoc Reviews: *Aquatic Conservation, Biological Conservation, Biological Invasions, Biology Letters, BioScience, Deep Sea Research, Diversity & Distributions, Ecology, Ecology Letters, Ecosphere, Estuaries and Coasts, Functional Ecology, Geoscience and Remote Sensing Letters, Global Change Biology, Global Ecology & Biogeography, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Biogeography, Journal of Ecology, Journal of Experimental Marine Biology & Ecology, Marine Biology, Marine Ecology Progress Series, Nature Climate Change, Oecologia, Oikos, PLoS ONE, Proceedings of the National Academy of Sciences USA, Proceedings of the Royal Society B, Progress in Oceanography*

National Science Foundation, Natural Environment Research Council, BiodivERSA, ANR (French National Research Agency), Ser Cymru National Research Network

NSF/NASA DISCCRS (DISsertation initiative for the advancement of Climate Change ReSearch) Fellowships, Graduate Women in Science Fellowships, International Biogeography Society Travel Grants, UC-Davis Graduate Group in Ecology Admission Applications

- 2015-present Associate Editor, Global Ecology and Biogeography
- 2014-present Member, EEB GAANN Committee, UC-Davis
- 2014-2016 Member, Steering Committee, "Species on the move" conference
- 2014 Co-coordinator, Sitka Sound Science Center day camp for 3rd-5th graders, Sitka, AK
- 2014 Developed climate change activity, Estuary Awareness Day, Back Bay Sci. Center, Newport, CA
- 2009-2013 Member, Early Career Biogeographers Committee, International Biogeography Soc.
- 2011 Biology and Biotechnology Career Panelist, Endicott College, Beverly, MA
- 2010 Participant, Rapid Assessment Survey of Marine Invasive Species from Maine to Rhode Island
- 2008-2010 Tidepool presentations, YMCA Pre-kindergarten Program, Marblehead, MA
- 2007-2010 Public Open House demonstrations, Marine Science Center, Northeastern University
- 2000,04,05 Judge, Student Paper Competitions, Western Society of Naturalists Annual Meeting
- 2002 Presentations (2) on careers in marine biology, elementary and high schools, AZ
- 2000-2001 Co-leader, Zoology Club field trips to Friday Harbor Labs, Oregon State University

PROFESSIONAL SOCIETY AFFILIATIONS (past 10 years)

Ecological Society of America, International Biogeography Society, Sigma Xi Scientific Research Society, Society for Integrative and Comparative Biology, Western Society of Naturalists