

## Juliet Marie Wong

Duke University Marine Lab  
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### EDUCATION

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- 2014 – 2019 University of California Santa Barbara, Santa Barbara, CA  
**Ph.D.** Ecology, Evolution and Marine Biology (EEMB)  
Advisor: Professor Gretchen Hofmann
- 2008 – 2012 University of Miami, Coral Gables, FL  
**B.S.** Marine and Atmospheric Science, *magna cum laude*, GPA 3.90  
Majors in Marine Science, Biology, and Geology; Minor in Chemistry

### PROFESSIONAL EXPERIENCE

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- 2023 – present **Assistant Professor of Coastal and Marine Climate Change**  
Marine Science and Conservation Division  
Nicholas School of the Environment  
Duke University Marine Lab, Beaufort, NC, USA
- 2021 – 2023 **NSF Postdoctoral Research Fellow in Biology**  
Environmental Epigenetics Lab, Lead PI: Professor Jose Eirin-Lopez  
Department of Biological Sciences  
Florida International University, Biscayne Bay Campus, North Miami, FL, USA
- 2019 – 2021 **Distinguished Postdoctoral Scholar, College of Arts, Sciences and Education (CASE)**  
Environmental Epigenetics Lab, Lead PI: Professor Jose Eirin-Lopez  
Department of Biological Sciences  
Florida International University, Biscayne Bay Campus, North Miami, FL, USA
- 2012 – 2014 **Research Technician & Laboratory Manager**  
Lead PI: Professor Heather Bracken-Grissom  
Department of Biological Sciences  
Florida International University, Biscayne Bay Campus, North Miami, FL, USA
- 2011 **NOAA Ernest F. Hollings Intern**  
Mentor: Dr. Shallin Busch  
National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Northwest Fisheries Science Center, Seattle, WA, USA

### RESEARCH GRANTS

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- 2024 – present Climate change impacts on farmed and wild oysters. Bass Connections at Duke University (\$75,930). PIs JM Wong, TF Schultz, N Cassar, EA Albright.
- 2022 – 2025 Assessing the impacts of water quality and climate change on the long-spined sea urchin *Diadema antillarum* to inform coral reef management and restoration in Puerto Rico. Puerto Rico Sea Grant (\$120,000). PIs JM Wong, JM Eirin-Lopez, AE Mercado-Molina.
- 2022 – 2023 Understanding the epigenetics and the eDNA surrounding seagrasses in Biscayne Bay. Herbert W. Hoover Foundation (\$23,000). PIs JM Wong, KL Chiquillo, JM Eirin-Lopez, PR Gardinali.

### HONORS & FELLOWSHIPS

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- 2021 – 2023 National Science Foundation (NSF) Postdoctoral Research Fellowship in Biology (PRFB), USA (FY2020), Broadening Participation of Groups Under-represented in Biology
- 2019 – 2021 Distinguished Postdoctoral Scholars Program, College of Arts, Sciences and Education, Florida International University, USA

2015 – 2019	National Science Foundation (NSF) Graduate Research Fellowship (GRFP), USA
2014 – 2019	UC Regent's Special Fellowship, UC Santa Barbara, USA
2018	Cawthron International Travel Fellowship, Cawthron Institute, NZ
2018	Charles A. Storke Graduate Fellowship, UC Santa Barbara, USA (\$2500)
2018	Ellen Schamberg Burley Graduate Scholarship, UC Santa Barbara, to attend the Ocean Global Change Biology Gordon Research Seminar (GRS) and Gordon Research Conference (GRC), Waterville Valley, NH, USA (\$500)
2018	EEMB Departmental Grant Award, UC Santa Barbara, USA (\$815)
2017	UCSB Academic Senate Doctoral Student Travel Grant to the XIth International Larval Biology Symposium, Honolulu, HI, USA (\$900)
2016	EEMB Departmental Graduate Fellowship, UC Santa Barbara, USA (\$6000)
2016	Friday Harbor Laboratories Travel Award, University of Washington, USA (\$1645)
2012	Outstanding Marine Science Major Award, Rosenstiel School of Marine and Atmospheric Science, University of Miami, USA
2010 – 2012	NOAA Ernest F. Hollings Undergraduate Scholar, National Oceanic and Atmospheric Administration, USA
2008 – 2012	Isaac Bashevis Singer Scholar, University of Miami, USA (full tuition scholarship)
2008 – 2012	General Honors and Foote Fellow Honors Program, University of Miami, USA

## PUBLICATIONS

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- Ibis T. Lopez-Jimenez, Alex E. Mercado-Molina, **Juliet M. Wong** †, Jose M. Eirin-Lopez † (2026). Physiological and epigenetic responses of the long-spined sea urchin *Diadema antillarum* across a spatiotemporal gradient. *Ecology and Evolution*, 16:e72915, <https://doi.org/10.1002/ece3.72915>. (**† co-senior authors; equal contributors**)
- Serena Hackerott, Francesca Viridis, **Juliet M. Wong**, Peter J. Flood, Carly Travers, and Jose M. Eirin-Lopez (2025) The influence of environmental history on the performance of *Acropora cervicornis* corals across a spatiotemporal gradient. *Science of the Total Environment* (977): 179385, <https://doi.org/10.1016/j.scitotenv.2025.179385>.
- Kelcie L. Chiquillo ‡, **Juliet M. Wong** ‡, and Jose M. Eirin-Lopez (2024) Ecological forensic testing: Using multiple primers for eDNA detection of marine vertebrates in an estuarine lagoon subject to anthropogenic influences. *Gene* (928): 148720, <https://doi.org/10.1016/j.gene.2024.148720>. (**‡ co-first authors; equal contributors**)
- Leo N. Zamora, Jenn A. Jury, Logan C. Kozal, Mary A. Sewell, Norman L.C. Ragg, Terence S. Leach, **Juliet M. Wong**, and Alfonso J. Schmidt (2023) Quantification of lipid droplets in hatchery reared veliger larvae of the green-lipped mussel, *Perna canaliculus*. *Aquaculture*, Volume 577, 739903, <https://doi.org/10.1016/j.aquaculture.2023.739903>.
- Juliet M. Wong** and Jose M. Eirin-Lopez (2021) Evolution of methyltransferase like (METTL) proteins in Metazoa: A complex gene family involved in epitranscriptomic regulation and other epigenetic processes. *Molecular Biology and Evolution* msab267. <https://doi.org/10.1093/molbev/msab267>.
- Mark C. Bitter, **Juliet M. Wong**, Hans G. Dam, Sarah C. Donelan, Carly D. Kenkel, Lisa M. Komoroske, Kerry J. Nickols, Emily B. Rivest, Santiago Salinas, Scott C. Burgess, and Kathleen E. Lotterhos (2021) Fluctuating selection and global change: a synthesis and review on disentangling the roles of climate amplitude, predictability, and novelty. *Proceedings of the Royal Society B* 228: 20210727. <https://doi.org/10.1098/rspb.2021.0727>.
- Juliet M. Wong** and Gretchen E. Hofmann (2021) Gene expression patterns of red sea urchins (*Mesocentrotus franciscanus*) exposed to different combinations of temperature and  $p\text{CO}_2$  during early development. *BMC Genomics* 22(32). <https://doi.org/10.1186/s12864-020-07327-x>.
- Marie E. Strader, Logan C. Kozal, Terence S. Leach, **Juliet M. Wong**, Jannine D. Chamorro, Madeline J. Housh, and Gretchen E. Hofmann (2020) Examining the role of DNA methylation in transcriptomic plasticity of early stage

sea urchins: Developmental and maternal effects in a kelp forest herbivore. *Frontiers in Marine Science* 6(205). <https://doi.org/10.3389/fmars.2020.00205>.

**Juliet M. Wong** and Gretchen E. Hofmann (2020) The effects of temperature and  $p\text{CO}_2$  on the size, thermal tolerance and metabolic rate of the red sea urchin (*Mesocentrotus franciscanus*) during early development. *Marine Biology* 167(33). <https://doi.org/10.1007/s00227-019-3633-y>.

Marie E. Strader, **Juliet M. Wong**, and Gretchen E. Hofmann (2020) Ocean acidification promotes broad transcriptomic responses in marine metazoans: a literature survey. *Frontiers in Zoology* 17(3). <https://doi.org/10.1186/s12983-020-0350-9>.

**Juliet M. Wong**, Juan D. Gaitán-Espitia, and Gretchen E. Hofmann (2019) Transcriptional profiles of early stage red sea urchins (*Mesocentrotus franciscanus*) reveal differential regulation of gene expression across development. *Marine Genomics* 48: 100692. <https://doi.org/10.1016/j.margen.2019.05.007>.

**Juliet M. Wong**, Logan C. Kozal, Terence S. Leach, Umihiko Hoshijima, and Gretchen E. Hofmann (2019) Transgenerational effects in an ecological context: Conditioning of adult sea urchins to upwelling conditions alters maternal provisioning and progeny phenotype. *Journal of Experimental Marine Biology and Ecology* 517: 65-77. <https://doi.org/10.1016/j.jembe.2019.04.006>.

Marie E. Strader, **Juliet M. Wong**, Logan C. Kozal, Terence S. Leach, and Gretchen E. Hofmann (2019) Parental environments alter DNA methylation in offspring of the purple sea urchin, *Strongylocentrotus purpuratus*. *Journal of Experimental Marine Biology and Ecology* 517: 54-64. <https://doi.org/10.1016/j.jembe.2019.03.002>.

Kevin M. Johnson, **Juliet M. Wong**, Umihiko Hoshijima, Cailan S. Sugano, and Gretchen E. Hofmann (2019). Seasonal transcriptomes of the Antarctic pteropod, *Limacina helicina antarctica*. *Marine Environmental Research* 143: 49-59. <https://doi.org/10.1016/j.marenvres.2018.10.006>.

**Juliet M. Wong**, Kevin M. Johnson, Morgan W. Kelly, and Gretchen E. Hofmann (2018). Transcriptomics reveal transgenerational effects in purple sea urchin embryos: Adult acclimation to upwelling conditions alters the response of their progeny to differential  $p\text{CO}_2$  levels. *Molecular Ecology* 27(5): 1120-1137. <https://doi.org/10.1111/mec.14503>.

Umihiko Hoshijima, **Juliet M. Wong**, and Gretchen E. Hofmann (2017). Additive effects of  $p\text{CO}_2$  and temperature on respiration rates of the Antarctic pteropod, *Limacina helicina antarctica*. *Conservation Physiology* 5(1): cox064. <https://doi.org/10.1093/conphys/cox064>.

**Juliet M. Wong**, Jorge L. Pérez-Moreno, Tin-Yam Chan, Tamara M. Frank, and Heather D. Bracken-Grissom (2015). Phylogenetic and transcriptomic analyses reveal the evolution of bioluminescence and light detection in marine deep-sea shrimps of the family Oplophoridae (Crustacea: Decapoda). *Molecular Phylogenetics and Evolution* 83: 278-292. <https://doi.org/10.1016/j.ympev.2014.11.013>.

## PRESENTATIONS

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- 2025 SJ George, JS Osterberg, and **JM Wong**. Investigating the dual impacts of boring sponge (*Cliona celata*) and elevated temperatures on eastern oysters (*Crassostrea virginica*). Western Society of Naturalists. San Diego, California. Poster presentation, Nov 12-15.
- 2025 E Johnson and **JM Wong**. Linking environmental epigenetics to phenotypic plasticity: A systematic review of marine invertebrate acclimatization. Epigenetics in Marine and Aquatic Research (EPIMAR). Barcelona, Spain. Poster presentation, May 27-30.
- 2025 M Brookens and **JM Wong**. Northernmost sea urchin (*Lytechinus variegatus*) population fatally vulnerable to current peak temperature. The Developmental Biology of the Sea Urchin and Other Marine Invertebrates (DBSUMI). Woods Hole, MA. Poster presentation, April 2-5.
- 2025 IT López-Jiménez, **JM Wong**, and JM Eirin-Lopez. Environmental drivers and epigenetic underpinnings of *Diadema antillarum* population recovery in Caribbean coral reefs. VI Congreso Latinoamericano de Equinodermos (CLE). Santa Marta, Colombia. Oral presentation, March 31 – April 1.
- 2025 A Barfield, D Bolger, M Honecker, S Norton, T Valdez Rivas, A Aradhey, W Collins, A Dyer, W Sun, A Schaffer, E Albright, N Cassar, G Murray, T Roach, T Schultz, and **JM Wong**. Environmental Impacts on the Performance of Farmed Eastern Oysters *Crassostrea virginica* in North Carolina. Aquaculture Meeting 2025.

New Orleans, LA. Poster presentation, March 6-10.

- 2025 S Norton, T Schultz, and **JM Wong**. Investigating the Effectiveness and Water Quality Impacts of Eastern Oyster (*Crassostrea virginica*) Restoration in Pamlico Sound. Aquaculture Meeting 2025. New Orleans, LA. Poster presentation, March 6-10.
- 2025 **JM Wong**. Molecular insights into marine ecology and climate change. Duke University, Ecology Seminar Series. Invited seminar, February 4.
- 2025 **JM Wong**. Molecular insights into marine ecology and climate change. Center for Marine Sciences and Technology, North Carolina State University. Invited seminar, January 17.
- 2024 **JM Wong**, KL Chiquillo, and JM Eirin-Lopez. Ecological forensic testing: Using eDNA to assess biodiversity in Biscayne Bay. Nicholas School of the Environment Faculty Research Symposium. Beaufort, NC, USA. Oral presentation, November 8.
- 2024 **JM Wong**. Molecular insights into marine ecology and climate change. Institute for the Environment's Morehead City Field Site, UNC Institute of Marine Sciences Seminar Series. Invited seminar, October 24.
- 2024 A Majeske, CF Pool, **JM Wong**, AM Capote, JM Eirin-Lopez, N Schizas, SC Márquez, K Hilbert, and TK Oleksyk. An updated reference level genome assembly and new annotation of the Caribbean long-spined black sea urchin (*Diadema antillarum*). Society of Molecular Biology and Evolution. Poster presentation, July 7-11.
- 2024 **JM Wong**. Marine invertebrate responses to climate change – Implications for restoration and aquaculture. Chapel Hill, NC, USA. The UNC – Chapel Hill Environment, Ecology, and Energy Program 2024 Charles E. Lenner Seminar Series. Invited seminar, March 7.
- 2023 **JM Wong**. Organismal responses to climate change in the sea. Nicholas School of the Environment Faculty Research Symposium. Beaufort, NC, USA. Oral presentation, September 29.
- 2023 **JM Wong**, KL Chiquillo, JM Eirin-Lopez. Forensic testing in Biscayne Bay waterways: Using eDNA to monitor vertebrate biodiversity. Benthic Ecology Meeting. Miami, FL, USA. Oral presentation, April 26-29.
- 2022 **JM Wong**, KL Chiquillo, AE Mercado Molina, AM Sabat, and JM Eirin-Lopez. Spines Out: The mystery of an extensive die-off of long-spined sea urchins in Puerto Rico. Epigenetics in Marine and Aquatic Biology Conference (EPIMAR). Woods Hole, MA, USA. Poster, October 11-14.
- 2022 KL Chiquillo, **JM Wong**, AM Sabat, J Sanchez, JA Rodriguez-Casariago, AE Mercado Molina, and JM Eirin-Lopez. Attack of the clones: Understanding the invasion potential of the seagrass (*Halophila stipulacea*) in Culebra, Puerto Rico. Epigenetics in Marine and Aquatic Biology Conference (EPIMAR). Woods Hole, MA, USA. Poster, October 11-14.
- 2022 **JM Wong**. Spiny solutions: How sea urchins may face their changing environment. Northwest Fisheries Science Center (NWFSC) Monster Seminar Jam Series, National Oceanic and Atmospheric Administration (NOAA), Invited seminar speaker, January 20.
- 2020 ME Strader, LC Kozal, TS Leach, **JM Wong**, JD Chamorro, MJ Housh, and GE Hofmann. Examining the role of DNA methylation in transcriptomic plasticity of early stage sea urchins. Ocean Sciences Meeting. San Diego, CA, USA. Poster, February 16-21.
- 2018 **JM Wong**, LC Kozal, TS Leach, U Hoshijima, and GE Hofmann. Transgenerational effects in an ecological context: Conditioning of adult sea urchins to upwelling conditions alters the progeny's response to differential  $p\text{CO}_2$  levels. Ocean Global Change Biology Gordon Research Conference (GRC). Waterville Valley, NH, USA. Poster, July 14-20.
- 2018 ME Strader, **JM Wong**, LC Kozal, and GE Hofmann. DNA methylation as a potential driver of transgenerational plasticity in the purple sea urchin (*Strongylocentrotus purpuratus*). Ocean Global Change Biology Gordon Research Conference (GRC). Waterville Valley, NH, USA. Poster, July 15-20.
- 2017 **JM Wong**, KM Johnson, MW Kelly, and GE Hofmann. Transcriptomics reveal transgenerational effects in purple sea urchins, *Strongylocentrotus purpuratus*, exposed to differential  $p\text{CO}_2$  conditions. XIth International Larval Biology Symposium. Honolulu, HI, USA. Oral presentation, August 10-13.
- 2016 **JM Wong**, KM Johnson, MW Kelly, and GE Hofmann. Who's your mommy? Transcriptomics reveal transgenerational effects in purple sea urchins exposed to upwelling conditions. Western Society of

Naturalists Annual Meeting. Monterey, CA, USA. Oral presentation, November 10-13.

- 2016 GE Hofmann, KM Johnson, U Hoshijima and **JM Wong**. Antarctic pteropods (*Limacina helicina antarctica*) as a sentinel organism for the impact of ocean acidification. 4<sup>th</sup> International Symposium on the Ocean in a High-CO<sub>2</sub> World. Tasmania, Australia. Oral presentation, May 3-6.
- 2016 GE Hofmann, KM Johnson, U Hoshijima, **JM Wong**, and CS Sugano. Pteropods, little marine snails, as an indicator of climate change. Public science lecture, NSF/United States Antarctic Program (USAP). McMurdo Station, Antarctica, November 22.
- 2014 **JM Wong**, B Thoma, DL Felder, KA Crandall, and HD Bracken-Grissom. Gene expression and stress response of the flatback mud crab *Eurypanopeus depressus* exposed to crude oil from the Deepwater Horizon oil spill. Gulf of Mexico Oil Spill & Ecosystem Science Conference. Mobile, AL, USA. Poster, January 26-29.
- 2013 **JM Wong** and HD Bracken-Grissom. Transcriptomics reveal genes involved in bioluminescence and vision in marine deep-sea shrimp (Oplophoridae). The Crustacean Society Summer Meeting. San José, Costa Rica. Poster, July 7-11.
- 2011 **JM Wong** and S Busch. The impacts of ocean acidification on the development of Puget Sound marine mollusks. NOAA Office of Education, Science and Education Symposium. Silver Spring, MD, USA. Oral presentation, August 2-4.

## TEACHING

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- 2024 – present Team leader, Bass Connections: Climate Change Impacts on Farmed and Wild Oysters, Duke University, USA
- 2024 – present Instructor, Biodiversity of Marine Invertebrates, Duke University Marine Lab, USA
- 2023 Guest lecturer, Animal Biodiversity, Spring Semester, Swarthmore College, USA
- 2023 Guest lecturer, Field Studies in Marine Ecological Physiology, Winter Quarter, University of California Santa Barbara, USA
- 2020 – 2022 Guest lecturer, Introduction to Research in Earth & Environmental Sciences, Fall Semester, Florida International University, USA
- 2020, 2022 Guest lecturer, Epigenetics, Spring Semester, Florida International University, USA
- 2021 Guest Lecturer, Invertebrate Zoology, Fall Semester, Florida International University, USA
- 2019 Teaching assistant, Introductory Biology Laboratory 3, Spring Quarter, University of California Santa Barbara, USA
- 2018 Teaching assistant, Introductory Biology Laboratory 3, Spring Quarter, University of California Santa Barbara, USA
- 2016 Guest lecturer, Exciting Developments in Biology Research, University of California Santa Barbara, USA
- 2014 Teaching aid and guest lecturer, Genetics, Spring Semester, Florida International University, USA
- 2013 Teaching aid and guest lecturer, Invertebrate Zoology, Fall Semester, Florida International University, USA
- 2013 Teaching aid and guest lecturer, Genetics, Spring Semester, Florida International University, USA

## SERVICE AND PROFESSIONAL DEVELOPMENT

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- 2018 – present Journal reviewer (23 total), *BMC Genomics* (1), *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics* (1), *Chemosphere* (1), *Frontiers in Marine Science* (1), *Global Change Biology* (2), *Journal of Aquatic Sciences and Oceanography* (1), *Journal of Experimental Biology* (2), *Marine Biology* (1), *Marine Ecology Progress Series* (1), *MDPI Biology* (2), *Molecular Biology and Evolution* (1), *Molecular Ecology* (5), *Molecular Ecology Resources* (2), *Science Advances* (1), *Scientific Reports* (1)
- 2025 Presenter, Innovation Showcase at the Oceans@Duke Ocean Sustainability Summit

2024	Faculty speaker, Centennial Event at the National Aquarium in Baltimore, MD, Duke Alumni Engagement & Development Office
2024	Faculty host, Forever Learning Weekend, Duke Alumni Engagement & Development Office
2023	Reviewer, Graduate Women in Science (GWIS) National Fellowship Program
2019 – 2023	Lead organizer and mentor, Grant and Fellowship Writing Group, Office of Training and Fellowships at the University Graduate School, Florida International University
2022	Review committee member, In Memoriam: The Umihiko Hoshijima Graduate Research Award, University of California Santa Barbara
2021 – 2022	Conference organizing committee member, Epigenetics in Marine and Aquatic Biology Conference, EPIMAR 2022
2020 – 2021	Judge, Graduate Student Biosymposium, Florida International University
2020	Grant reviewer, National Science Foundation

## **MENTORSHIP**

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2025 – Present	Callie Hundley, Ph.D. student, Duke University Marine Lab
2025 – Present	Henry Sun, Ph.D. student, Duke University Marine Lab
2025 – Present	Jane Curry, Undergraduate researcher, Graduation with Distinction, Duke University Marine Lab
2025 – Present	Ruth Havener, Undergraduate researcher, Graduation with Distinction, Duke University Marine Lab
2025 – Present	Tessa Nyhan, Undergraduate researcher, Bonaventura Summer Research Fellow, Graduation with Distinction, Duke University Marine Lab
2025	Ava Kocher, Undergraduate researcher, Duke University Marine Lab
2024 – Present	Emma Johnson, Ph.D. student, Duke University Marine Lab
2024 – Present	Samantha George, Undergraduate researcher, Bonaventura Summer Research Fellow, Graduation with Distinction, Duke University Marine Lab
2024 – Present	Maya Brookens, Undergraduate researcher, Bonaventura Summer Research Fellow, Graduation with Distinction, Duke University
2024 – 2025	Sara Norton, Undergraduate researcher, Graduation with Distinction, Duke University
2024	Tianrui (Thomas) Tan, Undergraduate researcher, Duke University Marine Lab
2023 – 2024	Andrew Barfield, Research technician I, Duke University Marine Lab
2022 – 2023	Ibis Tarini López Jiménez, Ph.D. student, Florida International University
2019 – 2023	Serena Hackerott, Ph.D. student, Florida International University
2021	Jesse Margolies, NSF REU student, Arizona State University, Florida International University REU Site program
2016 – 2019	Terence Leach, Ph.D. student, University of California Santa Barbara
2016 – 2019	Logan Kozal, Ph.D. student, University of California Santa Barbara
2016 – 2019	Maddie Housh, Undergraduate researcher (2016 – 2017) and research technician (2017 – 2019), University of California Santa Barbara
2017 – 2018	Lily Michaels, Science fair project, La Colina Junior High
2013 – 2014	Shaina Lear, Research technician, Florida International University
2013	Adriana Suarez, Undergraduate researcher, Florida International University
2013	Ahmed Alnahhas, Undergraduate researcher, Florida International University
2013	Carmen Ekert, Undergraduate researcher, Florida International University

## **OUTREACH**

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2025	BOOST: Building Opportunities & Overtures in Science & Technology, outreach event with
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	Durham Public middle school students, Duke University Marine Lab, Beaufort, NC, USA
2025	Growing Equity in Science and Technology (GEST), outreach event with middle school students, Duke University Marine Lab, Beaufort, NC, USA
2024	Scouts visiting group, Duke University Marine Lab, Beaufort, NC, USA
2024	Duke University Marine Lab Open House, Beaufort, NC, USA
2022	World Ocean Day, Phillip and Patricia Frost Museum of Science, Miami, FL, USA
2021	STINAPA Bonaire Junior Rangers educational youth group, Bonaire, Caribbean Netherlands
2016 – 2019	World Oceans Day Festival, Santa Barbara Museum of Natural History Sea Center, Santa Barbara, CA, USA
2014 – 2019	Family Ultimate Science Exploration (FUSE) junior high school science education program, Center for Science and Engineering Partnerships, UC Santa Barbara, Santa Barbara, CA, USA
2017	On Thin Ice: Exploring global change biology in the Antarctic with art and science, Spring Seminar Series, Sierra Nevada Aquatic Research Laboratory (SNARL), Mammoth Lakes, CA, USA
2010, 2011	Ocean Kids elementary school education program, University of Miami, Coral Gables, FL, USA

## **PROFESSIONAL AFFILIATIONS**

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2026 – present	Southeast Climate Adaptation Science Center (SE CASC) Research Affiliate
2025 – present	National Shellfisheries Association
2023 – present	Society for Women in Marine Science
2023 – present	Society for the Advancement of Chicanos and Native Americans in Science
2019 – present	The Research Coordinated Network for Evolution in Changing Seas (RCN-ECS)
2020 – 2023	National Postdoctoral Association
2019 – 2023	FIU Center for Aquatic Chemistry and the Environment, NSF Center of Research Excellence in Science and Technology (CREST)
2014 – 2019	Santa Barbara Coastal Long Term Ecological Research (SBC LTER) Network