Reyn M. Yoshioka

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Current Position

Sum. 2025 - Present — **Research Scientist,** Tandy Center for Ocean Forecasting
Bigelow Laboratory for Ocean Sciences

Education

Sep. 2021 — **Doctor of Philosophy, Biology**, PI: Aaron Galloway, PhD
Food web consequences of a seagrass microparasite and a crustacean macroparasite
Coastal Trophic Ecology Lab, Oregon Institute of Marine Biology, Charleston, OR
Department of Biology, University of Oregon, Eugene, OR

May 2014 — **Bachelors of Science in Biological Sciences**
Cornell University, Ithaca, NY
Concentration: Ecology and Evolutionary Biology Minor: Natural Resources
Summa cum laude with Distinction in Research in Biological Sciences

Research Interests

Disease and health are often defined oppositionally as the lack of the other. However, such a reductive approach leaves us vulnerable to misunderstanding ocean health, and missing out on opportunities to improve it. A healthy ocean is not one devoid of infection, and disease interacts holistically with other aspects of an organism's wellbeing. My research traces the edges of trophic, parasite, and disease ecology, to facilitate a better understanding of resource flows through ecosystems, resolve underrecognized roles of parasites and pathogens, and provide innovative insights and solutions for ocean health from organismal to ecosystem scales. To holistically investigate systems, I use a wide range of approaches, combining experimentation, field observations, and statistical and mathematical modelling, and I draw upon inspirations from other fields to drive my discipline forward.

Research & Academic Experience

Sum. 2022 - Sum. 2025 — **Postdoctoral Scientist,** Quantitative Marine Disease Ecology Lab, PI: Maya Groner, PhD
Bigelow Laboratory for Ocean Sciences

Fall 2016 - Sum. 2021 — **Graduate Researcher,** Coastal Trophic Ecology Lab, PI: Aaron Galloway, PhD
Oregon Institute of Marine Biology, Department of Biology, University of Oregon

Fall 2014 - Spring 2016 — **Program Coordinator & Teaching Assistant,**
Cornell Ocean Research Apprenticeship for Lynch Scholars,
At University of Washington Friday Harbor Laboratories, Cornell University

Fall 2014 - Sum. 2016 — **Research Aide,** Harvell Laboratory, PI: Drew Harvell, PhD
Department of Ecology & Evolutionary Biology, Cornell University

2012 - 2014 — **Undergraduate Researcher,** Harvell Laboratory,
Department of Ecology and Evolutionary Biology, Cornell University

Teaching Experience

Sum. 2025	**Co-Instructor, Ecology of Infectious Marine Diseases in a Changing Ocean** Workshop, Friday Harbor Laboratories, University of Washington
Fall 2021 - Spring 2022	**Pro Tempore Instructor, Marine Disease Ecology** and **Art of Biology** Clark Honors College, University of Oregon
Spring 2017, 2018	**Graduate Teaching Fellow, Marine Ecology,** Department of Biology, University of Oregon (Inst.: Aaron Galloway, PhD)
Fall 2017	**Graduate Teaching Fellow, Biological Oceanography,** Department of Biology, University of Oregon (Inst.: Alan Shanks, PhD)
Winter 2017	**Graduate Teaching Fellow, Marine Biology,** Department of Biology, University of Oregon (Inst.: Kelly Sutherland, PhD)
Summer 2014	**Teaching Assistant, Biodiversity and Biology of Marine Invertebrates,** Shoals Marine Laboratory, Cornell University (Inst.: Paula Mikkelsen, PhD)
Spring 2014	**Teaching Assistant, Biological Oceanography and Ocean Biogeochemistry,** Department of Microbiology, Cornell University (Inst.: Ian Hewson, PhD)

Peer Reviewed Publications

(* indicates student authors, † indicates co-first authorship)

Yoshioka RM, Daly BJ, Pilcher DJ, Groner ML (2026). Fishery-dependent data and oceanographic model hindcasts inform potential drivers of an emerging syndrome in snow crab. *Philosophical Transactions of the Royal Society B*.

Rocker MM, **Yoshioka RM**, Johnston KE, Record NR, Small HJ, Groner ML (2026). Salt in the Wound: Consequences of changing salinities on marine disease. *Philosophical Transactions of the Royal Society B*.

Yoshioka RM, Groner ML (2026). Enabling remote field sampling of fatty acids in marine crab tissues with ambient-temperature preservation. *Marine Biology*.

Rocker MM, **Yoshioka RM**, Johnston KE, Record NR, Reardon KM, Glon H, Pugh TL, Small HJ, Groner ML (2025). Population- and temperature-dependent variation in molt phenology and disease susceptibility shape epidemiological outcomes in American lobster (*Homarus americanus*). *ICES Journal of Marine Science*.

Aoki LR, Graham OJ, **Yoshioka RM**, Maher RL, Alma L, Hofmann EE, Burge CA, Harvell CD, Groner ML (2025). Wasting disease of a marine foundation species links community interactions to disease dynamics. *Biology Letters*.

Truong D*, **Yoshioka RM**, Cartisano C, Padilla-Gamiño JL, Groner ML (2025). Marine and synthetic glutamatergic neurotoxins accumulate in and immobilize intertidal sea stars. *Diseases of Aquatic Organisms*.

Yoshioka RM†, Galloway AWEG†, Schram JB, Bell LE, Kroeker KJ (2025). Benthic marine invertebrate herbivores diversify their algal diets in winter. *Ecosphere*.

Yoshioka RM, Brown S*, Treneman NC, Schram JB, Galloway AWE (2024). A rhizocephalan parasite induces pervasive effects on its shrimp host. *The Biological Bulletin*.

Schram JB, Hayes HG*, Street E, Thompson N*, **Yoshioka RM**, Galloway AWE (2023). Juvenile Dungeness crab foraging behavior and lipid composition is altered more by food quantity than seawater pH in a multi-stressor experiment. *Journal of Experimental Marine Biology and Ecology*.

Sullivan BK, Martin DL, **Yoshioka RM**, Brakel J, Jakobsson-Thor S, Eisenlord M, Trevathan-Tacket S (2023). Standard ecological and molecular research methods and techniques for *Labyrinthula* spp. *Frontiers in Marine Science*.

Havird JC, Brannock PM, **Yoshioka RM**, Vaught RC, Carlson K, Edwards C, Tracy A, Twining CW, Zheng Y, Chai D, Wilson AE, Hairston NG, Santos SR (2022). Grazing by an endemic atyid shrimp controls microbial communities in the Hawaiian anchialine ecosystem. *Limnology and Oceanography.*

Groner ML, Eisenlord ME, **Yoshioka RM**, Fiorenza EA, Dawkins PD, Graham OJ, Winningham M, Vompe A, Rivlin ND, Yang B, Burge CA, Rappazzo B, Gomes CP, & Harvell CD (2021). Warming sea surface temperatures fuel summer epidemics of eelgrass wasting disease. *Marine Ecology Progress Series.*

Galloway AWE, von Dassow G, Schram JB, Klinger T, Hill TM, Lowe AT, Chan F, **Yoshioka RM**, & Kroeker KJ (2020). Ghost factors of laboratory carbonate chemistry are haunting our experiments. *The Biological Bulletin.*

Tracy AM, Pielmeier ML, **Yoshioka RM**, Heron SF, & Harvell CD (2019). Increases and decreases in marine disease reports in an era of global change. *Proceedings of the Royal Society B.*

Yoshioka RM, Schram JB, & Galloway AWE (2019). Eelgrass pathogen *Labyrinthula zosterae* synthesizes essential fatty acids. *Diseases of Aquatic Organisms.*

Dawkins PD*, Eisenlord ME, **Yoshioka RM**, Fiorenza E*, Fruchter S*, Giammona F*, Winningham M*, & Harvell CD (2018). Environment, dosage, and pathogen isolate moderate virulence in eelgrass wasting disease. *Diseases of Aquatic Organisms.*

Montecino-Latorre D, Eisenlord ME, Turner M, **Yoshioka RM**, Harvell CD, Pattengill-Semmens CV, Nichols JD & Gaydos JK (2016). Devastating transboundary impacts of sea star wasting disease on subtidal asteroids. *PLOS ONE.*

Eisenlord ME, Groner ML, **Yoshioka RM**, Elliott J, Maynard J, Fradkin S, Turner M, Pyne K, Rivlin N, van Hooidonk R, & Harvell CD (2016). Ochre star mortality during the 2014 wasting disease epizootic: role of population size structure and temperature. *Philosophical Transactions of the Royal Society B.*

Yoshioka RM, Kim CJS, Tracy AM, Most R, & Harvell CD (2016). Linking sewage pollution and the coral disease *Porites* growth anomalies in Puako, Hawaii. *Marine Pollution Bulletin.*

Fuess LE, Eisenlord ME, Closek CJ, Tracy AM, Mauntz R, Gignoux-Wolfsohn S, Moritsch MM, **Yoshioka RM**, Burge CA, Harvell CD, Friedman CS, Hewson I, Hershberger PK, & Roberts SB (2015). Up in arms: immune and nervous system response to sea star wasting disease. *PLOS ONE.*

Reports and Book Chapters

Aoki LR, Graham OJ, **Yoshioka RM**, Maher RL, Alma L, Hofmann EE, Burge CA, and Groner ML (2026). "From Microbes to Meadows." in Byers JE, Blakeslee AMH, and Wares JP (Eds.). The Ecology and Evolution of Marine Parasites and Disease

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Academic Presentations

Yoshioka RM, Rocker MM, Reardon KM, Record NR, and Groner ML (November 2025). Understanding Patterns of Epizootic Shell Disease and Temperature along the Maine Coast. Oral presentation at the 2025 North American Lobster Science Symposium.

Yoshioka RM, Lampe DH, Vanek VA, Daly BJ, & Groner ML (January 2025). Ambient-temperature preservation of fatty acids in marine crabs for remote field collections. Oral presentation at the 2025 Alaska Marine Science Symposium.

Yoshioka RM, Lampe DH, Vanek VA, Daly BJ, & Groner ML (November 2024). Dried tissue spots for ambient-temperature sampling of fatty acids in marine crabs. Oral presentation at the 2024 Western Society of Naturalists Meeting.

Yoshioka RM (March 2024). Field-friendly fatty acids: Ambient-temp alternative for taking and transporting fatty acid samples. Oral presentation at the 2024 Bigelow Science Symposium.

Yoshioka RM, Daly B, Pilcher D, & Groner ML (January 2024). Identifying potential environmental and demographic drivers of Black Eye Syndrome in snow crab. Poster presentation at the 2024 Alaska Marine Science Symposium.

Yoshioka RM, Daly B, Pilcher D, & Groner ML (August 2023). Leveraging fishery observer data and modeled environmental conditions to understand the emerging black eye syndrome in snow crab. Oral presentation at the 2023 Ecological Society of America Meeting.

Yoshioka RM (May 2023). Confounding crustaceans: Complications in crustacean parasitism and disease. Oral seminar at the Bigelow Laboratory for Ocean Sciences.

Yoshioka RM, Daly B, & Groner ML (February 2023). Snow crab to low crab: Modeling snow crab abundance and disease in space and time. Oral presentation at the 2023 Bigelow Science Symposium.

Yoshioka RM, Schram JB, & Galloway AWE (March 2022). The parasite *Sylon hippolytes* alters the fatty acid compositions of the dock shrimp *Pandalus danae*. Poster presentation at the Aquaculture 2022 Conference.

Yoshioka RM, Brown S, Schram JB, & Galloway AWE (November 2020). Host with the most: Rhizocephalan parasitism and epibiosis in dock shrimp. Oral presentation at the 2020 Western Society of Naturalists Meeting.

Yoshioka RM, Hodder J, Paulay G, Meyer C, Emlet R, Watts M, Maslakova S, & Galloway AWE (November 2019). Taking inventory of our invertebrates: Oregon Institute of Marine Biology's BioBlitz. Poster presentation at the 2019 State of the Coast Conference.

Yoshioka RM, Schram JB, & Galloway AWE (November 2018). Eelgrass pathogen synthesizes essential fatty acids. Oral presentation at the 2018 Western Society of Naturalists Meeting.

Yoshioka RM, Schram JB, & Galloway AWE (October 2018). An eelgrass pathogen synthesizes essential fatty acids. Poster presentation at the 2018 State of the Coast Conference.

Yoshioka RM & Galloway AWE (May 2018). Illness-borne food: Eelgrass wasting disease supports seagrass food webs? Poster presentation at the 2018 University of Oregon Graduate Student Research Forum.

Yoshioka RM & Galloway AWE (November 2017). Integrating photography into science and science communication. Poster presentation at the 2016 Western Society of Naturalists Meeting.

Yoshioka RM, Eisenlord ME, Groner ML, Wyllie-Echeverria S, Graham O, & Harvell CD (April 2016). Eelgrass wasting disease: A contributor to decline in the San Juan Islands?. Oral presentation at the 2016 Salish Sea Ecosystem Conference.

Yoshioka RM, Fuess L, Eisenlord M, Closek C, Tracy AM, Mauntz R, Gignoux-Wolfsohn S, Moritsch M, Harvell CD, Friedman C, Burge C, Roberts S, & Hewson I (December 2014). Up in arms: understanding the host response to sea star wasting disease. Oral presentation at the 2014 Cornell University Department of Ecology and Evolutionary Biology Symposium.

Yoshioka RM, Kim CJS, & Harvell CD (April 2014). Linking sewage pollution and the coral disease *Porites* growth anomalies in Puako, Hawai'i. Poster presentation at the 2014 Cornell Undergraduate Research Board Spring Forum.

Yoshioka RM, Kim CJS, & Harvell CD (March 2014). Linking sewage pollution and the coral disease *Porites* growth anomalies in Puako, Hawai'i. Poster presentation at the 2014 Benthic Ecology Meeting.

Yoshioka RM & Couch CS (August 2012). Effect of submarine groundwater discharge on linear extension and tissue loss rates in growth anomalies of the coral *Porites lobata*. Oral presentation at the Cornell Summer Institute for Life Sciences Symposium.

Invited Presentations & Lectures

19 Oct 2026	**Eelgrass Genetics & Thermal Tolerance/Adaptability Discussion** Population variation in thermal tolerance in eelgrass from the Gulf of Maine
10 Sep 2026	**Seagrass Microbiome Community of Practice** *From microbes to meadows* w/ Maya Groner
9 April 2025	**Annual Meeting, Alaska Dep. of Fish & Game, Dutch Harbor Office** *Demographic and environmental drivers of black eye syndrome in snow crab* w/ Maya Groner
9 April 2025	**Climate-Disease Group, Princeton University** *Climate drivers of infectious disease in major crustacean fisheries* w/ Melissa Rocker & Maya Groner
25 March 2024	**CCPO & ICAR Seminar Series, Old Dominion University** *Identifying potential environmental and demographic drivers of Black Eye Syndrome in snow crab*
8 June 2023	**Continuing Education Session at the AFS 2023 Western Fish Disease Workshop** *Black eye syndrome in snow crab: A case study for exploring emerging conditions and environmental drivers*
16 Mar 2023	**Guest Lecture for Florida Atlantic University EIMD Course** *Maybe it's not all bad? Trophic silver linings of eelgrass wasting disease*
16 Aug 2022	**Guest Lecture for UW Friday Harbor Laboratories EIMD Course** *The pros of parasites: How disease isn't all they do*
8 March 2022	**Guest Lecture for University of Oregon BI 357** *Parasites, pathogens, and marine disease*
7 February 2022	**Junior Seminar, Bates College** *A prawn and its parasite: Rhizocephalan effects on the dock shrimp* Pandalus danae
5 November 2021	**Science on the Rig, University of Findlay** *Shrimp with Style:* Sylon *infection of* Pandalus danae
26 March 2021	**Guest Lecture for University of Alaska Southeast Biol 103** *A toe-dip into disease ecology* (Prof. Julie Schram, PhD)
26 March 2019	**South Slough Eelgrass Recovery Advisory Committee Meeting** *Eelgrass wasting disease (EWD) & the South Slough*
14 February 2018	**Fluid Ocean PechaKucha Night, Ocean Sciences Meeting 2018** *Intimate portraits: How marine invertebrate photography helped me be a better natural historian*
28 January 2017	**Talk for Shoreline Education for Awareness & Charleston Marine Life Center** *Ocean acidification: What it is and what does it mean for marine life?* w/ Julie Schram, PhD

Awards & Honors

2020	**Rafe Sagarin Award Best Student Presentation in Observational Ecology,** Western Society of Naturalists Meeting
2018	**People's Choice Award, Research,** State of the Coast Conference, Oregon Sea Grant
2017	**Honorable Mention,** Rafe Sagarin Fund for Innovative Ecology
2017	**Associate Member,** Sigma Xi Scientific Research Honor Society

2017 **2016-2017 Biology Teacher Recognition Award,** Dept. of Biology, University of Oregon
2017-2021 **NSF Graduate Fellow,** NSF Graduate Research Fellowship Program
2016 **Honorable Mention,** NSF Graduate Research Fellowship Program
2016 **First Year Merit Award**, Oregon Institute of Marine Biology, University of Oregon

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Funding & Grants

2026 **Maine Seagrass Consortium & The Nature Conservancy,** PI ($55,362)
Mapping eelgrass thermal tolerance landscapes along Maine's coastline
2025 **MARIA Kickstarter Grant,** PI ($99,304)
Maine-cultivated, high-value essential lipids from processed seaweeds
2024 **North Pacific Research Board Outreach Grant,** Co-I ($19,990)
Crabdemics! A game to facilitate epidemiological and marine disease literacy, lead PI: Maya Groner
2024 **Rodney L. White Fellowship,** Bigelow Laboratory for Ocean Sciences
Postdoctoral fellowship to support mentorship of an REU intern
2023 **American Lobster Research Program, US Sea Grant,** Co-I ($499,225+50% match)
In hot water? Predicting how shifting temperatures and molting phenologies will impact regional patterns of epizootic shell disease in American lobster, lead PI: Maya Groner
2022 **North Pacific Research Board Flex Grant**, co-writer ($149,953)
Field friendly fatty acid sampling in the Eastern Bering Sea: Method development and an application to Snow Crab, PI: Maya Groner
2020 **Friday Harbor Labs Richard R. & Megumi F. Strathmann Endowed Fellowship**
With Ross Whippo and Sara Hamilton
2019 **Friday Harbor Labs Research Fellowship**
With Ross Whippo and Sara Hamilton
2018 **Friday Harbor Labs Charles Lambert Memorial Fellowship**
2017 **Mindlin Foundation One Tweet, One Percent Grant,** PI ($4,000)
Science photography for education and outreach through a biodiversity inventory.

Mentorship

Undergrad: 9 direct mentees
11 supportive
Graduate: 3 supportive

Outreach

6 Aug 2025 **Bigelow Laboratory Cafe Sci,** w/ Maya Groner & Melissa Rocker
Ocean Epidemiology: Tracking Marine Diseases to Protect Fisheries and Ocean Health

3-4 Feb 2024 **Crabdemics! Marine Disease Ecology and Modelling Activity**
For the Fisheries course at Kodiak High School, with Alaska Department of Fish & Game

22 Feb 2024 **Ocean on Tap at Footbridge Brewery**
Mini marine monsters

5-9 Feb 2024 **Alaskan Snow Crab and Marine Disease Week, co-organizer and facilitator**
For the Fisheries course at Kodiak High School, with Alaska Department of Fish & Game

14 Nov 2023 **ME Bioscience Day, volunteer**
Joined Bristol Consolidated School students for hands-on activities in marine science

9 Jan. 2021	**My STEM Story Project, mentor** Project PI: Dr. Edward Madison
Jan. 2020-Present	**Charleston Marine Life Center Invertebrate Larvae Exhibit: Images & 3D Models** Lead: Nicole Nakata
Jan. 2020	**Pub Science Talk at 7 Devils Brew Co. w/ Charleston Marine Life Center** *Not your average barnacles: The ruthless, ravenous rhizocephalans*
Nov. 2019	**Interpretive Display for Charleston Marine Life Center** *Autonomous reef monitoring structures*
29 March 2019	**Skype-A-Scientist** Talk with Cassidy Pilutti's 3rd Grade Class
28 Sep. 2017	**Pub Science Talk at 7 Devils Bew Co. w/ Charleston Marine Life Center** *Under the weather: What marine disease means for people and ecosystems in a changing world*
16, 23 July 2016	**Presentation and Reef Walk for Boy Scout Troop 1078 at Hilo Higashi Hongwanji** *Marine monsters: How nature is more bizarre than your nightmares*
April 2015, 2016	**Volunteer, Marine Expert Day, Friday Harbor Labs Science Outreach Program** at Friday Harbor Elementary School
22 February 2016	**Presentation for Waiākea Elementary School 5th Graders** *ʻŌpaeʻula, anchialine pools, & ecology*
7 December 2015	**Oral presentation at the 2015 Cornell University Dept. of E&EB Symposium:** *Exploring marine invertebrate diversity through undergraduate opportunities: a photo journey.*
10 August 2015	**Presentation for Seattle Aquarium Beach Naturalists** *Sea star wasting disease: An update for summer 2015*
29 June 2015	**Presentation for San Juan Island kayak naturalists** *Sea star wasting disease: An update for summer 2015*
12 April 2014	**Workshop Volunteer, Expanding Your Horizons** Cornell University

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Symposia, Working Groups, and Workshops

2025	**Co-Organizer, Bigelow Laboratory-DMR Joint Symposium.** With Dr. Maya Groner, Dr Doug Rasher, Dr. Nick Record, and Dr. Melissa Rocker, organized and executed a symposium held between Bigelow Laboratory for Ocean Sciences and the State of Maine Department of Marine Resources. The event aimed to bring together the institutions and spark new collaborative efforts understanding the Gulf of Maine and addressing problems faced by those interacting with the ocean in Maine.
2019	**Co-Organizer, Oregon Institute of Marine Biology BioBlitz**. In collaboration with the Western Association of Marine Laboratories, the Smithsonian Institution (National Museum of Natural History), the Florida Museum, and over 30 researchers from several institutions, we vouchered marine invertebrate biodiversity around Coos Bay and Port Orford, Oregon. Led by Dr. Gustav Paulay, Dr. Jan Hodder, Dr. Christopher Meyer, Dr. Aaron Galloway, and myself, our BioBlitz produced approximately 2300 specimen lots of about 900 species. The specimens and results have contributed to several research products and presentations, and are widely accessible to facilitate biodiversity and taxonomic studies. I managed the extensive

permitting process and the on-the-ground logistics for the two-week event. The BioBlitz was initiated by my 2017 Mindlin Foundation grant and the support of WAML.

2018-2019 **Participant, South Slough National Estuarine Research Reserve Eelgrass Recovery Advisory Committee.** Contributed to the working group assessing recent declines of eelgrass and potential recovery in South Slough, including eelgrass wasting disease as a potential driver and preliminary analyses of other potential ecological drivers of decline based on long-term eelgrass and water quality data.

03 June 2018 **Organizer & Presenter, Science Photography Workshop**. I shared practical methods for using macrophotography to document marine organisms for use in publications and outreach. Workshop attendees included Oregon Institute of Marine Biology faculty, graduate and undergraduate students, and community members. Supported by the Mindlin Foundation.

Other Activities and Leadership

2024-present **Organizing Committee, Ocean on Tap** Pub Science Talk Series

2023-2025 **Organizer, Ecology Journal Club,** Bigelow Laboratory for Ocean Sciences

2023-2024 **Postdoc Representative, Education Committee,** Bigelow Laboratory for Ocean Sciences

2019-2021 **Volunteer, Aquarium Care,** Charleston Marine Life Center

2019-2020 **Member, Planning Committee,** North American Echinoderm Conference (canceled due to COVID-19)

2017-2021 **Co-Director (2017-2019),** Oregon Marine Student Association, University of Oregon

2012-2014 **VP of Service (2013)**, Golden Key International Honour Society, Cornell Chapter

2012-2013 **Fellow**, Cornell Biology Research Fellowship

2010-2014 **Member**, Cornell Biology Scholars Program

Society Membership, Peer Review, and Other Academic/Institutional Service

- Peer reviewer (*Aquaculture*, *Aquatic Ecology*, *Diseases of Aquatic Organisms*, *Integrative and Comparative Biology*, *Journal of Helminthology*, *Oecologia*, *Marine Biology*, *Marine Ecology Progress Series*, *Philosophical Transactions of the Royal Society B*, *PLOS ONE, Proceedings of the Royal Society B, & Scientific Reports*).
- For Bigelow Laboratory for Ocean Sciences:
    - Committee Service: IACUC (FY2027, FY2026), Education (FY2026, FY2024)
    - Regular participant, Antiracism Group
    - Bigelow Social Circle
- For the Oregon Institute of Marine Biology:
    - OIMB Seminar DEI Search Committee
    - University of Oregon Course Intertidal Field Trip Volunteer (BI 150, BI 199, BI 283H)
    - OIMB Visitor Tours

Image & Graphics Credits

(excluding authored or coauthored publications)

2024-present Weinheimer A. Ocean on Tap at Footbridge Brewery. Logo, flier design, and graphics.

2021 Curran L. Population differentiation in two Northeastern Pacific marine species. MS Defense, Oregon State University. Illustrations of yelloweye rockfish and sea otter.

2020 Charleston Marine Life Center. *Marine life during quarantine*. Oregon Coast Magazine. Fall-Winter 2020. p. 18.

2020 Galloway AWE & Budge SM. The critical importance of experimentation in biomarker-based trophic ecology. *Philosophical Transactions of the Royal Society B*. Figures 1 & 2.

2020	Burge CA & Hershberger PK. Climate change can drive marine diseases. In *Marine Disease Ecology* eds. Behringer DC, Silliman BR, & Lafferty KD. Figure 5.1, p. 84.
2020	Logo. *2020 North American Echinoderm Conference* (canceled due to COVID-19).
2018	Galloway AWE. *Urchin Searchin'*. Oregon Quarterly. Winter 2018. p. 36.
2017	Galloway AWE & Shanks AL. Opening the black box of coastal crab life history: observation of an exceptionally high-density settlement event. *The Bulletin of the Ecological Society of America*. Photo 1, p. 237.
2017	Cooper M. *That healthy glow*. Cascade Magazine. University of Oregon College of Arts + Sciences. p. 25.
2016	Harvell CD. *A Sea of Glass*. University of California Press. p. 97, 108
2013	Burge CA et al. Climate change influences on marine infectious diseases: implications for management and society. *Annual Review of Marine Science*. Figure 1, p. 252.

Relevant Skills

- Proficient in statistical analysis and data management using R
- General laboratory/fieldwork skills
- Basic microalgal culture and general marine invertebrate animal husbandry
- Lipid extraction and fatty acid analysis, GCMS operation
- American Academy of Underwater Sciences Scientific Diver (since 2018)
- SDI Rescue & TDI Nitrox Diver
- General MS Office programs
- Washington State Boating Certificate & Friday Harbor Labs Boating
- Photo-editing, vector illustration
- Underwater/tank photography
- Basic CAD, digital sculpting, and 3D printing
- Basic Life Support and O_2 (04/2022 NAUI)
- Mental Health First Aid (2026, Sweetser)