Halley McVeigh

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EDUCATION

Master of Environmental Science and Management, 3.93 GPA (Expected June 2022)
Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Specialization: Coastal Marine Resources Management
Focus: Strategic Environmental Communication and Media
Highlighted Coursework: Coastal Marine Policy & Management, Natural Resource Economics, Cost Benefit Analysis, Data Analysis, Equity and the Environment, Economics of Environmental Management

Bachelor of Science in Biology, Minors in Chemistry and Environmental Studies, 3.62 GPA (December 2015)
Warren Wilson College, Asheville, NC

COASTAL RESOURCE and CONSERVATION EXPERIENCE

Fishery Research Consultant, Ocean Analytics, Santa Barbara, CA (11/21–present)
- Carried out research on Fishery Management Plans and Harvest Control Rules

Graduate Student Researcher, emLab UCSB, Santa Barbara, CA (10/21–present)
- Carried out research on global ITQ fisheries

Market Research Intern, Scoot Science, Santa Cruz, CA (Remote) (7/21–9/21)
- Conducted market research of shellfish aquaculture industry in British Columbia to inform projects and direction into new sector for Scoot Science
- Developed resources and protocols for discovery calls and integration of new potential clients and data into existing framework
- Interviewed First Nations rights and title holders and other regional stakeholders in BC about perceptions and experiences with shellfish aquaculture to better inform data analysis and market landscape

Commercial Fisherman, Trident Seafoods, Naknek, AK (6/20–8/20)
- Crewed on the *F/V* Homeward in Bristol Bay, AK, drift-gillnetting commercially for wild sockeye salmon
- Operated 32’ Kvichak vessel to successfully land and sell over 140,000 pounds of sustainably harvested sockeye salmon under frequently dangerous circumstances and a round-the-clock schedule

Oyster Operations Assistant, Community Shellfish, Bremen, ME (2/20–6/20)
- Designed and engineered new upweller systems to increase nursery capacity to 500,000 shellfish seed
- Planned and facilitated weekly, public events in partnership with local businesses to increase market base

Hatchery Technician, Mook Sea Farm, Walpole, ME (10/17–12/19)
- Reared over 120 million Eastern oysters (*Crassostrea virginica*) from spawn to seed yearly in the hatchery to be sold and grown out to marketable oysters at aquaculture operations along the Atlantic coast
- Analyzed culture methods of heterotrophic and phototrophic microalgae and increased productivity by over 300% to sustain shellfish in the hatchery and to be sold as feed in a new diversification of company revenue
- Developed and executed R&D projects in the field and in a laboratory setting focused on climate resilience of shellfish aquaculture in addition to increasing capacity of hatchery and market oyster production

Oyster Aquaculture Training Program Participant,
Virginia Institute of Marine Science (VIMS), Gloucester Point, VA (4/17–9/17)
- Reared and maintained numerous genetic lines of diploid and tetraploid Eastern oysters in the hatchery and the field as part of the Aquaculture Genetics & Breeding Technology Center’s extensive breeding program
- Selectively bred oysters to improve disease resistance and desirable traits for industry broodstock

Conservation Intern, Wild South, Asheville, NC (1/16–6/16)

- Planned, publicized, and facilitated volunteer opportunities and fundraising events including the annual Roosevelt-Ashe Conservation Awards Gala for the Southeast with over 100 attendees
- Maintained and analyzed donor database and wrote quarterly newsletters to enhance fundraising efforts

REU Intern, Bigelow Laboratory for Ocean Sciences, East Boothbay, ME (5/15–8/15)

- Formulated and executed an independent research project examining the life-history effects of American lobster (*Homarus americanus*) larval development under elevated oceanic temperature and pCO_2 conditions

SKILLS, AWARDS, & PUBLICATIONS

Computer: Microsoft Word, PowerPoint, R, GitHub, QGIS, Tableau | **Languages:** Conversational Spanish
Awards: National Science Foundation and Popular Science Magazine 2016 Vizzies People's Choice Award "American Lobster Larva", LAURELS 2015 from Warren Wilson College for best thesis poster award
Publications: Waller, J.D., R.A. Wahle, H. McVeigh, and D.M. Fields. Linking rising pCO_2 and temperature to the larval development and physiology of the American lobster (*Homarus americanus*). *ICES Journal of Marine Science* 74.4 (2017): 1210-1219.