HALEY CAPONE

Central and Northern California Ocean Observing System
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EDUCATION

2021-2023 **M.S.** **University of North Carolina at Chapel Hill**
Department of Evolution, Ecology & Organismal Biology
Thesis: *Effects of nutrient availability on the thermal optima and sensitivities of Galápagos seaweeds*

2016-2020 **B.S.** **University of Illinois at Urbana-Champaign**
College of Agricultural, Consumer, & Environmental Sciences
Thesis: *Examining the metabolic recovery of largemouth bass in turbulence*

PROFESSIONAL EXPERIENCE

CeNCOOS Program Specialist, Monterey Bay Aquarium Research Institute 2026
Research & Development Division / Science
· Coordinate with CeNCOOS member organizations, ocean-observing practitioners, and the broader IOOS network to streamline information access and strengthen partnerships across academic, industry, NGO, government, and tribal groups
· Support project and grant management, meeting logistics, and working-group facilitation for CeNCOOS and Governing Council initiatives, including WebCOOS, Backyard Buoys, and C-CAN

Development Coordinator, Chesapeake Legal Alliance 2025
Environmental Action Center
· Managed full federal and foundation grant lifecycles, including proposal development, funder relations, and compliance reporting
· Designed and supervised two outreach education programs (CAMP, MAPS Fellowship); produced science communication and advocacy materials for public/partner audiences

Marine Habitat Resource Specialist, Natl. Oceanic & Atmospheric Admin. 2024
Office of Habitat Conservation / Restoration Center / Deepwater Horizon
· Program Manager for Return 'Em Right, overseeing >$30M in Deepwater Horizon settlement funds across five Gulf states for coastal habitat & fish-passage restoration
· Technical Monitor and Federal Program Officer for restoration grants; led public outreach reaching >43,000 constituents and represented NOAA at partner meetings

Biological Research Specialist, University of North Carolina at Chapel Hill 2023
Central Caribbean Marine Institute (CCMI)

- Performed DNA barcoding and phylogenetic curation on hundreds of algal samples for the Phycology Genomics Project, including extractions, PCR, electrophoresis, and herbarium specimen records
- Advised experimental design, fieldwork, and data analysis for a seagrass thermal performance study under the Blue Carbon Offset & Biodiversity Programme; led a 5-week field course guiding undergraduate researchers through independent research

Field & Laboratory Technician, University of North Carolina at Chapel Hill 2021

Field Technician, University of Illinois at Urbana-Champaign 2020

Research Technician, University of Illinois at Urbana-Champaign 2019

Laboratory Technician, University of Illinois at Urbana-Champaign 2018

PUBLICATIONS

Agudo-Adriani, E., **Capone, H.E.**, Chico-Ortiz, N., Brandt, M., & Bruno, J.F. (2026). *Under review*. Testing vulnerability to metabolic meltdown in a tropical upwelling system. *Journal of Animal Ecology*.

Capone, H.E., Silva, I., Brandt, M., & Bruno, J.F. (2026). *Accepted*. When colder is better: thermal performance trade-offs enable physiological resilience in Galápagos octocoral species. *Marine Ecology Progress Series*.

Ryburn, S.J., Wisely, E., Espinoza, E., Armijos, D., **Capone, H.E.**, Pazmiño, D., Hearn, A., & Bruno, J.F. (2026). *In press*. Biogeographic variation in the diet of juvenile blacktip sharks across the Galápagos. *Nature Scientific Reports*.

Davis, H., **Capone, H.E.**, Bruno, J.F., & Goodbody Gringley, G. (2026). Increasing ocean temperature reduces primary productivity in three Caribbean seagrass species: implications for future ecosystem function. *Estuarine, Coastal and Shelf Science*, *332*, 109762.

Chico-Ortiz, N., Agudo-Adriani, E., **Capone, H.E.**, Silva, I., Brandt, M., & Bruno, J.F. (2025). Predator response diversity to warming enables ecosystem resilience in the Galápagos. *PLOS Clim*ate*, 5*(1), e0000652.

Capone, H.E., Brandt, M., Gabrielson, P.W., & Bruno, J.F. (2024). Nutrient enrichment can increase the thermal performance of Galápagos seaweeds. *Marine Ecology Progress Series*, *749*, 57-69.

SELECT SCHOLARSHIPS & AWARDS

Women in Ocean Science Award Scholarship, CCMI 2025

Employee Spotlight Award, NOAA 2025

Presidential Management Fellows (PMF) Program Fellowship 2024

Fisheries Conservation Foundation Research Award 2020

American Fisheries Society Best Poster Award 2020

Ernest F. Hollings Undergraduate Scholarship, NOAA 2018