

Emily Nazario

Department of Ecology and Evolutionary Biology, UC Santa Cruz
enazario@ucsc.edu | 530-902-2262 | Santa Cruz, CA

Education

University of California, Santa Cruz <i>Designated Emphasis in Coastal Science and Policy</i> <i>Advisor: Dr. Terrie Williams</i> <i>Committee: Drs. Elliott Hazen, Malin Pinsky, and Don Croll</i>	Ph.D. in Ecology and Evolutionary Biology	Present
University of California, Santa Cruz: Ecology and Evolutionary Biology Department <i>Undergraduate research advisor: Dr. Ari Friedlaender</i>	B.S. in Ecology and Evolutionary Biology	2018

Awards, Grants, and Fellowships

Activating Innovative Graduate Research Award	2024
ARCS Fellowship	2024
Kathryn D. Sullivan Impact Award in Earth and Marine Sciences	2024
Koret Scholar Mentoring Award	2024
Physical and Biological Sciences Department Dean Travel Award	2024
Rebecca and Steve Sooy Graduate Fellowship in Marine Mammals	2023
NASA Earth Science Applications: Ecological Conservation Impact Assessment Research Funding Proposal (team member on application)	2023
Fisheries Collaborative Program's Fisheries Opportunity Fund	2023
Koret Undergraduate Research Scholarship (team member on application)	2023
Dr. Earl H. Myers & Ethel M. Myers Oceanographic & Marine Biology Trust Grant	2023
Institute of Marine Sciences Student Research and Education Award	2023
NSF Graduate Research Fellowship Program	2021
University of California Education Abroad Program (UCEAP) Undergraduate Research Award	2018
UCEAP Promise Award Scholarship	2017
Dean's List	2016, 2017, & 2018

Research Experience

U.S. West Coast dynamic ocean management graduate student researcher	UC Santa Cruz – NOAA Santa Cruz, CA	2024-present
---	--	--------------

Biologging data accessibility research technician	UC Santa Cruz Santa Cruz, CA	2023-present
Thermal biologging device developer	UC Santa Cruz Santa Cruz, CA	2022-present
Marine predator physiology and conservation research technician	UC Santa Cruz Santa Cruz, CA	2019-2020
Marine mammal stranding and marine debris surveys graduate student researcher	UC Santa Cruz Santa Cruz, CA	2020
Baleen whale field assistant and research technician	UC Santa Cruz Monterey Bay, CA and Stellwagen Bank, MA	2018-2020
Marine mammal rescue and rehabilitation volunteer, The Marine Mammal Center	The Marine Mammal Center Moss Landing, CA	2016-2019
Southern sea otter field assistant	USGS Monterey Bay, CA	2018

Mentoring Experience

Peer-To-Peer mentor	UC Santa Cruz Santa Cruz, CA	2022-2024
President of the Santa Cruz Monterey Bay Area Subunit of the American Fisheries Society (AFS)	UC Santa Cruz – AFS Santa Cruz, CA	2021-2023
Doris Duke Conservation Scholar Program mentor	UC Santa Cruz Santa Cruz, CA	2023
More Active Girls in Computing mentor	Remote	2022

Publications

John, Jason S.; Christen, Dennis R.; Flammer, Katherine L.; Kendall, Traci L.; Nazario, Emily C. ; Richter, Beau P.; Gill, Verena; Williams, Terrie M. Conservation energetics of beluga whales: Using resting and swimming metabolism to understand threats to an endangered population. <i>Journal of Experimental Biology</i> 227(5)	2024
Dale, Kat; Goetz, Laura; Kobayashi, Katie; Lane, Molly; Nazario, Emily . Lessons learned	2022

from the Diverse Voices in Fisheries Science Seminar. *Fisheries Magazine* 47(6): 241-244

Nazario, Emily C.; Cade, David E.; Bierlich, KC; Calambokidis, John; Czapanskiy, Max; Dale, Julian; Goldbogen, Jeremy A.; Johnston, David W.; Kahane-Rapport, Shirel R.; van der Hoop, Julie M.; Friedlaender, Ari S. Baleen whale inhalation variability revealed using whale-borne video tags. *PeerJ* 10:e13724 2022

Presentations

Talks

Physiological limits in the world's extreme divers: how marine mammals manage CO2 accumulation and its effects on dive recovery	Biennial Meeting on the Biology of Marine Mammals Perth, Australia	2024
Measuring Nares Expansion Reveals Variability in Breath Area and Duration	The World Marine Mammal Conference Barcelona, Spain	2019

Posters

Physiological and environmental drivers of immature Shortfin Mako Shark distributions in the Southern California Bight Ecoregion	Bio-Logging Science Symposium Tokyo, Japan	2024
Physiological limits in the world's extreme divers: how marine mammals manage CO2 accumulation and its effects on dive recovery	American Physiology Summit Long Beach, CA USA	2023

Guest speaking events

Methods for investigating marine predator physiology and movement ecology	Comparative Anatomy, Hendrix College Conway, AR USA (Remote)	2024
---	--	------