

Curriculum Vitae: Emily Hascall

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Education:

Sonoma State University

First Year MS Biology Student- Hughes Lab

University of California Santa Barbara

Bachelor of Arts in Biological Sciences

GPA: 3.65

Relevant Experience:

Masters Student- Hughes Lab- June 2023- Present

Sonoma State University

*Obtaining MS in Biology

*Thesis TBD

*Assisting with large-scale bull kelp restoration project along Northern Coast

*Culturing bull kelp at Bodega Marine Lab

*Running invertebrate, algae, UPC surveys via scuba diving along Northern Coast

*Assisting with scuba surveys of restoration sites and outplant monitoring

*Invertebrate sampling via microscope analysis

Lab Assistant 1- Caselle Lab- Sep 2022- Dec 2022

Caselle Lab- University of California Santa Barbara

*Dove UPC, Algae, Swath, and Fish transects for PISCO

*Assisted with fish ID, measuring, tagging, and more during CCFRP

*Assisted with Intertidal Zone data collection projects

*Worked within the Caselle laboratory team and dive team

*Familiar with the UCSB boatyard, loading/unloading boats, small boat launching/trailing, and some familiarity with boat piloting

Scientific Scuba Diver- PISCO- June 2022- Sep 2022

Caselle Lab- University of California Santa Barbara

*Completed over 150 dives

*Completed UPC, Algae, Swath, and Fish transects

*Gained extensive knowledge and identification skills of kelp forest ecosystems

*Collected data at Channel Islands for MPA Monitoring Program dataset

*Worked within a dive team on small dive boats, large dive boats, and liveboards

Undergraduate Marine Researcher- BurkePile, Kuris, Culver, Reed, Smith Labs at UCSB- Sep 2018- June 2022

University of California Santa Barbara

- *BurkePile Lab: March 2022-June 2022: created photomosaics, grinded algae, and assisted on MCR LTER projects
- *Kuris Lab: June 2021- June 2022: created an interaction matrix for the California Rocky Intertidal zone, which involved literature review and field work
- *Culver Lab: June 2021- Sep 2021: Worked on ecology projects within rock,box, and king crab fishery research
- *Reed Lab: Sep 2019- June 2020: Worked on the SBC LTER project preparing kelp samples, programming tidbits, and data inputting
- *Smith Lab: Jan 2019- April 2019: Studied the bones of bovids from Sudan, Egypt

Field Scientist- Tropical Ecology and Conservation Program in Costa Rica- October 2021- December 2021

Monteverde Institute

- *Conducted Independent Project on the effects of Fiberglass dust on phytoplankton
- *Assisted on a variety of field research projects within coral reef ecology, (studying sea urchins, nurse sharks, moray eels, cabrillas, and blue tunicates)
- *Conducted research on the behavioral ecology of Howler monkeys and Agoutis

Field Scientist-- California Ecology and Conservation Natural Reserve System Field Research Program- January 2021- March 2021

UC Natural Reserve System

- *Proposed my own research project and ran a research team
- *Worked in the field with amphibians, arthropods, birds, desert plants, and more
- *Trained on numerous field work techniques/tools
- *Collaborating with a team of scientists on experiments

Other Experience:

Scuba Club Member-- UCSB- Sep 2018- Present

UCSB Scuba Club

- *Attended group free dives and scuba dives
- *Discussed the latest in scuba diving and marine biology with peers

CIMWI Volunteer-- Channel Islands Marine and Wildlife Institute- Sep 2019- Present

Goleta Rehabilitation Grounds

- *Care for sick or injured pinniped, specifically trained in: administering pills, preparing fish base, IV fluids, blood glucose checks, wound treatment, cyst draining, force feeding, hand feeding, aquarium training, necropsy dissection
- *Ran education booths at fundraising/outreach events

Learning Assistant-- EEMB 131 Professor Evelyn- March 2020- June 2021

UCSB

*led discussion section

*Trained in grading, proctoring, and learning to be a TA

Gabler Scholar-- Gabler's Writing Program- Sep 2019- June 2020

UCSB

*Wrote and illustrated children's book

*Presented in Symposium to UCSB officials

Mask Designer--UCSB- April 2020- December 2020

UCSB

*Designed a facemask for campus distribution at UCSB

*Illustrated digital artwork myself and oversaw the project

Certifications/Skills:

Experience caring for and handling exotic animals

Experience preparing food/water for wildlife habitats

Experience documenting animal conditions

Experience transporting exotic animals

Valid Driver's License

60 ft Lead Scientific Diver certified

AAUS Dive certified

Nitrox Certified

Rescue Diver certified

Open water certified

CPR/First Aid/AED/Emergency Oxygen Certified

Competitive Funding:

Worster Award--UCSB EEMB Department- \$5,000

*Assisted in creating an interaction matrix for the California Rocky Intertidal Zone, including parasitic interactions

Gablers Scholar Award--UCSB Writing Department- \$2,000

*Wrote and illustrated my first children's book, aimed at creating healthy body positivity in elementary school children through the stories of Saharan desert animals

Promise Scholar Award--UCSB Writing Department- \$120,000

*Awarded a full ride scholarship to UCSB for 4 full years

*Award received based on academic merit and personal achievements

