

Amy Marie Yoger

(415) 419-4072
amy.yoger@gmail.com

1866 Golden Gate Avenue
San Francisco, CA 94115

QUALIFICATIONS SUMMARY

I am a motivated marine ecologist and passionate outdoor educator focused on coastal community restoration and creative climate solutions, while fostering accessible and inclusive outdoor science education and adventure for all. Aspiring to pursue a graduate degree in marine ecology to expand knowledge of nearshore ocean ecosystem conservation and restoration.

EDUCATION

California Polytechnic University, San Luis Obispo

Bachelor of Science, 2017, **Environmental Earth Science** Concentration: **Marine Ecology**

University of Utah - National Outdoor Leadership School (NOLS), Semester in India

Study Abroad Scholarship - Developed team leadership and wilderness skills in the Indian Himalaya | Fall 2015

RESEARCH & PROJECT EXPERIENCE

Scientist/Engineer

Dixon Marine Services Inc., Inverness, CA | 01/2020 - 01/2021

- Oversaw marine construction monitoring including daily report writing, wildlife monitoring of CA special status species, vegetation management, and site survey mapping with GNSS RTK Rover system
- Sampled 8 to 24-foot sediment cores on ocean research vessels and barges on San Francisco Bay to determine PAH contamination levels in multiple locations
- Consulted with project owners, technical staff, and the public to understand project goals and meet overall objectives
- Facilitated project planning including mapping areas and interpreting technical project documents and permits to complete work with 100% accuracy
- Efficiently prepared job sites by use of power tools and 4-wheel drive vehicles

Cal Poly Senior Capstone Project

Cal Poly Biological Sciences Department, Dr. O'Leary Marine Lab, San Luis Obispo, CA | 10/2016 - 06/2017

- Researched the habitat use of black brant geese in Morro Bay to determine their relationship to the local eelgrass decline over two years with differing eelgrass coverage
- Performed weekly behavioral surveys to record frequency of feeding, feeding location, and non-feeding behavior
- Presented findings at Cal Poly Annual Research Conference, emphasizing the importance of adaptive management to protect eelgrass habitats and enhance ecological resilience

Research Intern

Morro Bay National Estuary Program, Morro Bay, CA | 01/2017-06/2017

- Produced a written report comparing eelgrass populations in California estuaries to help understand water quality conditions that could be contributing to major eelgrass decline in Morro Bay, CA
- Presented findings to the Morro Bay National Estuary Program, emphasizing the importance of sunlight availability for eelgrass transplant success, and recommended potential management solutions for habitat restoration

Field Research Assistant

Cal Poly Biological Sciences Department, Dr. O'Leary Marine Lab, Morro Bay, CA | 09/2015 - 06/2016

- Assisted field study evaluating fish populations to assess species diversity after local eelgrass decline
- Trawled seven sites on research vessel to catalog fish species, size, and location, specifically population abundance in bare sand-bottomed areas versus eelgrass beds

Field Research & Lab Assistant

Cal Poly Biological Sciences Department, Dr. O'Leary Marine Lab, *Pacific Grove, CA* | 09/2015-06/2016

- Conducted nearshore field sampling of marine cobbles to investigate correlations between abalone recruitment seasonality and physical oceanography
- Facilitated abalone recruitment microscopy in lab setting and uploaded data using large online database

Research Assistant & Environmental Educator

Turtle Trax, *Playa San Miguel, Costa Rica* | 07/2016 - 09/2016

- Monitored nightly resting patterns of olive ridley sea turtles and safely relocated eggs to hatchery
- Increased public involvement by guiding hands-on conservation lessons, resulting in reduced nightly egg poaching

ENVIRONMENTAL LEADERSHIP EXPERIENCE

Youth LEAD Program Manager

Environmental Traveling Companions (ETC) *Nonprofit, San Francisco, CA* | 03/2021 - 06/2022

- Oversaw entire ETC Youth LEAD Program to offer safe and accessible outdoor experiences for underserved youth and youth with disabilities
- Developed partner communications and social media for program outreach and community collaboration
- Hired, trained, and managed a 10-15 person staff team, with emphasis on celebrating unique leadership styles and backgrounds to foster inclusive and engaging experiences for youth
- Managed program quality and logistics, including oversight of all equipment and vehicles, program budget and financial records, and website/social media outreach communications
- Implemented outdoor leadership and environmental education curriculum for all youth summer courses and year-long Youth Fellowship Program
- Served as a member of ETC's Risk Management Committee to maintain maximum safety standards through documenting, reporting, and evaluating program safety operations

Naturalist

Rancho El Chorro Outdoor School, *San Luis Obispo, CA* | 01/2019 - 06/2019

- Planned and taught hands-on outdoor science classes to students ages 6-13
- Guided marine science experiences including sea kayaking, sandy beach activities and tide pool species identification
- Participated in weekly diversity, equity and inclusion workshops to enhance environmental curriculum for under-resourced student populations

Swim & Ocean Safety Instructor

Swimdo, *Nonprofit, Indonesia* | 01/2018 - 12/2018

- Scheduled and facilitated daily swimming lessons and ocean survival classes to decrease local drowning rates, and increase community swimming safety

Nonprofit Education Chapter Director

Sprout Up, *San Luis Obispo, CA* | 09/2014 - 05/2017

- Planned and led environmental education program for over 700 first and second graders across San Luis Obispo County resulting in 110% increase in county classroom involvement
- Recruited and trained a team of eight executives and forty classroom instructors resulting in creation of new job descriptions and performance standards
- Created science lesson plans and training materials for education staff by analyzing past curriculum
- Managed annual program budget and increased local fundraiser events to meet financial requirements

RELEVANT COURSEWORK

Life Sciences	<i>Organismal Form & Function, Plant Diversity & Ecology, Plant Ecology (Upper Level), Applied Statistics for Life Sciences, Applied Experimental Design & Regression Models, Marine Conservation and Policy, Marine Ecology</i>
Physical Sciences	<i>Rocks and Minerals, Physical Oceanography, Geomorphology, Soil Morphology, Structural Geology, Applications in GIS, Aerial Photogrammetry and Remote Sensing, Engineering Surveying, Global & Regional Climatology</i>
Leadership	<i>National Outdoor Leadership School-Cultural Immersion and Remote Wilderness Skills (India)</i>

CERTIFICATIONS

- Wilderness Advanced First Aid (WAFA), CPR, & Epi-pen
- Hazardous Waste Operations and Emergency Response (HAZWOPER)

PROFESSIONAL SKILLS

- Land survey with GNSS RTK Rover System
- ArcGIS project-based mapping and interpretation
- Project compliance, monitoring, and management
- Outdoor education curriculum design and facilitation
- Team collaboration and interpersonal management skills
- Commitment to equitable, diverse, and inclusive workplaces

PERSONAL INTERESTS

- Thru-hiking & backpacking
- Outdoor youth adventure guiding (sea kayaking & backpacking)
- Seaweed and oyster conservation aquaculture
- Gardening and regenerative agriculture
- Crafting, ceramics, & weaving
- Yoga & surfing

PROFESSIONAL MEMBERSHIPS

- Association for Environmental & Outdoor Education (AEOE)
- GreenWave Ocean Farming