

Education

Ph.D. Candidate - UC Santa Barbara Ecology, Evolution, and Marine Biology, (Expected 2025)

- Advisor: Dr. Joshua Schimel
- Soil Carbon – Management and Theory

UC Santa Barbara - B.S. Ecology and Evolution, (2015)

3.80 GPA, Honors Program

- Senior Thesis: Non-native Trout Alter Macroinvertebrate Body Size Distributions in the Sierra Nevada

Publications

- **Weverka, J.**, Runte, G.C., Porzig, E.L., Carey, C.J., 2023. Exploring plant and soil microbial communities as indicators of soil organic carbon in a California rangeland. *Soil Biology and Biochemistry* 178, 108952. doi:10.1016/j.soilbio.2023.108952
- Carey, C.J., **Weverka, J.**, DiGaudio, R., Gardali, T., Porzig, E.L., 2020. Exploring variability in rangeland soil organic carbon stocks across California (USA) using a voluntary monitoring network. *Geoderma Regional* 22. doi:10.1016/j.geodrs.2020.e00304

Teaching Experience

Graduate Teaching Assistant

- EEMB/ENVS 171 (Ecosystem Processes) Fall 2020, 2021, 2022
- EEMB 157C (Plant Physiology) Spring 2020, 2021
- EEMB/ENVS 128 (Restoration Ecology) Spring 2023
- ENVS 15 (Environmental Chemistry) Winter 2023
- EEMB 146 (Biometry) Winter 2021
- EEMB 127 (Plant Biology and Biodiversity) Winter 2022
- EEMB 127L (Plant Biology and Biodiversity Lab) Spring 2022

Grants and Awards

Mildred E. Mathias Graduate Research Grant - \$2720 - 2023

UCSB Coastal Fund - \$3000 - 2022

California Native Grasslands Association - \$500 - 2022

UCSB Coastal Fund – \$1000 - 2022

UCSB Coastal Fund - \$995.70 - 2021

UCSB Coastal Fund – \$7609.39 – 2020

UCSB EEMB Block Grant - \$28,802 – 2020, 2021

Worster Award for Undergraduate Research - \$5000 – 2014

Other Work Experience

Point Blue Conservation Science, Junior Data Analyst, June – Sept 2021, 2022

- Data analysis and writing leading to a publication

Point Blue Conservation Science, Rangeland Biologist, Jan - June 2017, 2018, 2019

- Vegetation, soil surveys, and data analysis in California rangelands

National Park Service - SF Bay Area Inventory and Monitoring, Biological Science Technician, Plant Community Monitoring, June – Oct 2018

- Field crew lead for plant community monitoring program in SF Bay Area

National Park Service - Yosemite National Park, Biological Science Technician, Summers 2016 & 2017

- Plant identification, seed collection and planting for ecological restoration

Audubon California Starr Ranch Sanctuary, Riparian Assistant, October 2015 - May 2016

- Designed, executed, and monitored wildland riparian restoration and revegetation projects

Briggs Laboratory UCSB, September 2013 – June 2015

- Examined response of aquatic invertebrate body size distributions to the presence of non-native trout

UCNRS Coal Oil Point Habitat Restoration Internship, April 2015 - June 2015

- Invasive plant control, native plant propagation, vegetation surveys, seed collection

Other Training

Jepson Herbarium Poaceae Workshop, May 6-7 2017

UC Davis Extension Online, Fundamentals of GIS, February - March 2018