
MAIA LITTLE

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EDUCATION

B.S. Biochemistry - Minor in Oceanography at San Diego State University (2016-2021*)

*expected to graduate in Spring 2021

EXPERIENCE

UNDERGRADUATE RESEARCHER, SAN DIEGO STATE UNIVERSITY;
SAN DIEGO, CA — 2020-PRESENT

Lab of Dr. Linda Wegley Kelly, Dr. Forest Rohwer

- Project: “Investigating microbial growth and community composition in Pacific tide pools”
 - Purpose: study microbic dynamics within tide pools
- Relevant skills: DNA Extractions from sterivex filter, 16S PCR, Qubit, building DNA amplicon libraries

UNDERGRADUATE RESEARCHER, SAN DIEGO STATE UNIVERSITY;
SAN DIEGO, CA — 2017-2020

Lab of Dr. Luke Miller

- Ecology
- Programed tidbits, batteries
- Skills: power tools, sauder, R-studio, imageJ

FIELD RESEARCHER, UNIVERSITY OF CALIFORNIA IRVINE;
BODEGA BAY, CA — 2019

Dr. Matthew Braken, Dr. Luke Miller, Genevieve Bernatchez

- Project: “Context dependency of top-down vs. bottom-up effects on herbivores on primary producers”
 - Evaluated effects of grazing, nutrients, changes in temperature on microalgal species
- Tested for respiration and photosynthesis within tide pools
- Tested collected data with Ammonia Nitrogen, Phosphorus and Nitrate
- Skills: Diving PAM Underwater Fluorometer, Phosphate Pocket Colorimeter, Ammonia Nitrogen Pocket Colorimeter

FUNDING

- CSU COAST Grant Development Program

PRESENTATIONS

- “Investigating microbial growth and community composition in Pacific tide pools”
 - Lake Arrowhead Microbial Genomics

REFERENCES

- Dr. Linda Wegley Kelly
Adjunct Assistant Research Professor
San Diego State University
Dept. of Biology, NLS301
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- Genevieve Bernatchez
Physical Science Technician
Northeast Fisheries Science Center
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- Dr. Luke Miller
Assistant Professor
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