

ANGELA LARSON

Tulane University
New Orleans, LA 70118

alarson4@tulane.edu
925 915 7997

EDUCATION

-
- | | |
|--------------|---|
| 2025-present | Tulane University
PhD, Advised by Dr. Tom DeCarlo |
| 2021-2025 | University of California, Santa Barbara
B.S. Earth Science, emphasis in Climate and Environment |

AWARDS AND FELLOWSHIPS

-
- | | |
|--------------|--|
| 2025-present | Louisiana Board of Regents/SREB Doctoral Fellow , Tulane University |
| 2022-2025 | FUERTE Fellow , UC Santa Barbara
Funded by the NSF, FUERTE (Field-based Undergraduate Engagement through Research, Teaching, and Education) is a three year fellowship dedicated to providing underrepresented undergraduates hands-on opportunities in research. I have been introduced to a variety of field techniques and career options while also developing valuable professional skills. |

PUBLICATIONS

-
- | | |
|------------------|--|
| <i>In review</i> | Gately et al., "Abrupt alkalization alters coastal microbial diversity and promotes the proliferation of marine parasites" |
|------------------|--|

EXPERIENCE

-
- | | |
|-----------|--|
| 2023-2025 | Ocean Alkalinity Enhancement Research Assistant , UCSB Ecology, Evolution, and Marine Biology
Working under the guidance of Dr. Debora Iglesias-Rodriguez studying carbon dioxide removal via ocean alkalinity enhancement (OAE).
Senior thesis title - <i>Brucite-inspired Ocean Alkalinity Enhancement: Chalking up the growth and calcification of Emiliania huxleyi</i> |
| 2022-2023 | Narrowleaf Milkweed Restoration Assistant , UCSB Marine Science Institute
Worked under the guidance of Dr. Adam Lambert in the restoration of a riparian site in Fillmore, CA through the field season and academic year (April 2022-March 2023).
Involved in seed processing, plant care, and monitoring narrowleaf milkweed growth. |

ACTIVITIES AND LEADERSHIP

-
- | | |
|--------------|--|
| 2021-present | Camp Counselor , Girl Scouts of America
I lead and teach groups of 10-15 kids essential wilderness skills in the High Sierra through the use of nature education, backcountry camping, and backpacking. |
| 2022-2025 | Queer and Gender Inclusion in Science (QGIS) , UCSB Earth Science
As an officer, I help create community amongst women and queer people in the department, undergraduate and graduate students alike. I plan activities such as day hikes and was a part of advocating for gender neutral bathrooms in our building. |

2022-2025	<p>UCSB Women's D1 Rugby, UC Santa Barbara</p> <p>As a veteran leader, I lead drills within practice and assist in skill work in small groups. With games every weekend during the season, we have some variety of training every day which requires commitment, discipline, and time management skills. Additionally, I was selected to represent my division in a national tournament in June 2024.</p>
2021-2025	<p>VocalMotion A Cappella Club, UC Santa Barbara</p> <p>I have held both President (2023-2025) and Treasurer (2022-2023) cabinet positions. As President, I organize bi-weekly rehearsals and quarterly concerts through collaboration in a four person team. As Treasurer, I requested and managed thousands of dollars worth of funding every quarter for concerts and was responsible for our bank account.</p>
2024	<p>FUERTE Field Program Mentor, UCSB FUERTE</p> <p>Selected as an undergraduate Teaching Assistant for a field program focused on exposing ten first year undergraduates to field and environmental sciences at the Sierra Nevada Aquatic Research Laboratory and work on the R/V Shearwater.</p>
2024	<p>UCSB Earth Science Learning Assistant, UCSB Earth Science</p> <p>Selected as an undergraduate Learning Assistant for EARTH 114 - Geomaterials. I gained valuable teaching experience by assisting students with identifying rocks and minerals in the lab section. Additionally, I held weekly office hours to review material with students.</p>

RELEVANT COURSES AND WORKSHOPS

Writing for Science and Technology	Intro to Climate Modeling	Intro to Geophysical Data Analysis
Organic Matters	Ocean Circulation	Earth's Climate: Past and Present
Field Methods in Geology	Intro to Geochemistry	Global Biogeochemical Cycling

RELEVANT SKILLS

Field CTD Sensor Sample Collection - Carbonate chemistry, eDNA, and dissolved nutrients
Microscopy - major phytoplankton group identification and cell counting
Experimental design and protocol development
Cell culture maintenance
RStudio
Excel
QGIS