

## Xochitl S. Clare

### EDUCATION

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- 2017 - present      **University of California, Santa Barbara (UCSB)**  
Ph.D. in Ecology, Evolution & Marine Biology (EEMB)  
Advisor: Professor Gretchen Hofmann
- 2012 - 2017      **University of California, Santa Cruz (UCSC)**  
Bachelor of Science in Marine Biology  
Bachelor of Arts in Theater Arts

### FELLOWSHIPS & AWARDS

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- 2017 - 2019      UCSB Louis Stokes Alliance for Minority Participation (LSAMP) Bridge to the Doctorate (BD) Fellowship  
UCSB EEMB Graduate Fellowship (Summer 2017-2018)  
UCSC Kenneth and Ann Thimann Scholarship
- 2016      UC San Diego Scripps Undergraduate Research Fellowship (SURF)  
UCSC Dean's Undergraduate Research Award for Senior Thesis: *Energy Densities of Forage Fish from the Mesopelagic Zone of the North Pacific Ocean and Its Implications for a High-Level Marine Predator, the Northern Elephant Seal*  
Seymour Marine Discovery Center Global Oceans Award
- 2015      California Alliance for Minority Participation (CAMP) Stipend

### PROFESSIONAL EXPERIENCE

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- 2016      **Scripps Institute of Oceanography (SIO), University of California, San Diego**  
Deheyn Lab: Visiting Researcher; *Ocean Acidification (OA) Affects the Nervous System in Marine Invertebrates—The Case of a Luminous Brittlestar*:  
Organized 6-week OA experiment on bioluminescent brittlestars
- 2014 - 2017      **UCSC Institute of Marine Sciences (IMS): Joseph M. Long Marine Laboratory (LML)**  
Palkovacs Lab: Intern; *Local Adaptation in a Shell-drilling Predator, Dogwhelk Sea Snail Ocean Acidification Experiment (2015-2017)*  
Costa Lab: Intern; *Elephant Seal Prey-Energy Library (2014-2016)*  
Partnership for Interdisciplinary Studies of Coastal Oceans (PISCO):  
Volunteer; Rockfish Dispersal fieldwork and data entry, mussel rehabilitation (2014)
- 2014      **National Oceanic and Atmospheric Administration (NOAA) Fisheries Santa Cruz Laboratory**  
Volunteer; E-Fishing Salmon Population Survey (2014)  
National Marine Fisheries Service (NMFS): Intern; Salmonid Food Web History (2014)

## GRANTS IN SUPPORT OF RESEARCH

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- 2017 - present      Carl Storm Underrepresented Minority (CSURM) Fellowship for 2018 Predator-Prey Interactions GRC (\$600)
- UCSC Kresge College Collaborative Student Project Award: *Rethinking Natural History* (\$500)
- UCSC Porter College Undergraduate Project Fellowship: *Rethinking Natural History* (\$1000)
- UCSC Future Coastal Leaders Award (\$1000)
- Association for the Sciences of Limnology and Oceanography Multicultural Program (ASLOMP) Award (\$2000)
- 2016                      Friends of Long Marine Laboratory (FLML) Student Research and Education Award (SREA): *Elephant Seal Prey-Energy Library* (\$500)

## PROFESSIONAL ACTIVITIES

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### *Presentations & Media*

- 2018                      Clare, X.S., Hofmann, G.E. *Untitled presentation*. Gordon Research Conference (GRC) on Predator-Prey Interactions, Poster Presentation
- 2017                      Clare, X.S., Contolini, G., Palkovacs, E. *Local Adaptation in a Shell-Drilling Predator*. Western Society of Malacologists (WSM), Oral Presentation
- Clare, X.S., Contolini, G., Palkovacs, E. *Local Adaptation in a Shell-Drilling Predator*. Monterey Area Research Institutions' Network for Education (MARINE) Oceans Colloquium, Oral Presentation
- Clare, X.S., Deheyn, D.D. *Ocean Acidification Affects the Nervous System in Marine Organisms—The Case of a Luminous Invertebrate*. Association for the Sciences of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting, Poster Presentation
- 2016                      Clare, X.S., Deheyn, D.D. *Ocean Acidification Affects the Nervous System in Marine Organisms—The Case of a Luminous Invertebrate*. Western Society of Naturalists (WSN), Poster Presentation
- Clare, X.S., Maresh, J.L., Goetsch, C., Costa, D.P. *Elephant Seal Prey-Energy Library*. California Alliance for Minority Participation (CAMP) Statewide Symposium, Poster Presentation
- 2015                      UCSC Home Page Featured Article: *Dancing Biologist*
- Clare, X.S., Maresh, J.L., Goetsch, C., Costa, D.P. *Elephant Seal Prey-Energy Library*. UCSC Division of Physical and Biological Sciences & Baskin School of Engineering 18th Annual Undergraduate Research Poster Symposium, Poster Presentation

## SERVICE

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### *University & Departmental*

- 2017 - present      **Mentor;** University of California Leadership Excellence through Advanced Degrees (UC LEADS) UCSB Graduate Student Super-Mentor  
**Docent;** UCSB Coal Oil Point Reserve Snowy Plover Docent Program  
**Oral Presentation;** UCSC STEM Transfer Day Outreach Symposium  
**Panelist;** UCSC *Navigating the Research University*  
**Panelist;** UCSC Hellen and Will Webster Foundation Board Meeting
- 2016                    **Panelist;** UCSC Genomics Institute Office of Diversity Programs
- 2015                    **Panelist;** UCSC *Introduction to Field Research and Conservation*

### *Public Service & Outreach*

- 2017 - present      **Volunteer;** Santa Barbara Family Ultimate Science Exploration (FUSE) Program  
**Guest Instructor;** La Joya Elementary Science Week: *Ocean Creatures of Monterey Bay* Interactive Workshop
- 2016                    **Representative;** Seymour Marine Discovery Center Global Oceans Awards Gala: FLML Student Research and Education Award
- 2015                    **Panelist;** Crescenta Valley High School, Academy of Science and Medicine  
**Oral Presentation;** First Annual UCSC Downtown Parade and Expo: *Elephant Seal Prey-Energy Library*

### *STEAM*

- 2017                    **Producer, Director;** UCSC Educational Performance Production: *Rethinking Natural History: Bridging understanding of the natural world through performance art*