



COASTAL FUND  
UC SANTA BARBARA  
ASSOCIATED STUDENTS

2018-2019







# MISSION

The Coastal Fund provides funds to preserve, protect, and enhance the terrestrial and marine habitats associated with the coast of Santa Barbara. The following five principles govern the funding of projects by the Coastal Fund:

## PRESERVATION

Biodiversity and ecological integrity of the shoreline are essential and irreplaceable. The Coastal Fund is committed to preserving and enhancing these aspects of the shoreline.

## EDUCATION

Environmental education is vital to the future health and well being of the UCSB community. The Coastal Fund seeks to develop and utilize educational materials and opportunities that are fun, factual, proactive, and informative.

## ACCESS

The right to safe, open, and low impact access to the shoreline must be maintained with respect to sensitive habitats. The Coastal Fund supports the balance of Environmentally Sensitive Habitat Areas (ESHA) and public access.

## RESEARCH

Projects that promote education through research are fundamental to our understanding of coastal resources and the natural processes and human influences that act upon them. The Coastal Fund encourages studies that further our understanding of the shoreline.

## RESTORATION

Understanding that past human activity has negatively affected the environment, the Coastal Fund recognizes that restoration of habitat is critical to maintain natural and healthy ecosystems.



# BACKGROUND

Coastal Fund is a student-funded, student-run organization that serves to protect and enhance the terrestrial and marine habitats associated with the shoreline of the University of California, Santa Barbara. Coastal Fund is able to maintain our mission of preservation, education, open access, research, and restoration through the financial support of the quarterly undergraduate student fee of \$5.75, and the graduate student fee of \$3.00. The fee generates approximately \$350,000 annually, providing funds to Coastal Fund's grant program, the Coastal Service Program, and outreach and education activities.

Since the program's inception in  
Fall of 1999, Coastal Fund has granted

over **\$3.9 million**  
to **742 projects**





# COASTAL FUND BOARD



**Lauren Enright, Chair**

*Undergraduate Fourth Year, Environmental Studies and Geography*

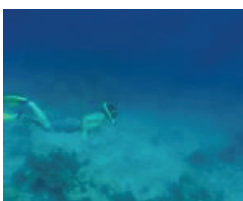
Lauren is originally from Southern California, and she loves being outdoors whenever possible—especially when that includes scuba diving out at the Channel Islands. When she isn't diving, she can be found napping or reading on the beach. Being a part of Coastal Fund has been one of the highlights of her experience at UCSB & she was truly honored to serve as chair. After graduation, Lauren is moving on to her next adventure- an internship in Moorea, French Polynesia where she will be helping researchers gather data on coral reef ecosystems.



**Jeremy Francoeur, Vice Chair**

*Undergraduate Third Year, Physics*

Jeremy grew up in Newport Beach, which allowed him to nurture a dependency on (some might say downright addiction to) the ocean, and when he's not in the water he's probably running or reading on the sand. Jeremy intends to translate his understanding of natural phenomena to the technological realm, specifically to renewable energy. In his free time, he enjoys painting, writing, and slapping the bass so as to express himself to his fullest potential—or maybe just to take his mind off of midterms.



**Jordan Gallagher, Board Member (Undergraduate Representative)**

*Undergraduate Fourth Year, Ecology and Evolution*

Jordan has a particular interest in marine ecology. Since getting SCUBA certified at age 14, he has become obsessed with marine ecosystems and is a scientific diver at UCSB. Jordan intends on pursuing a graduate degree and later a career in conservation ecology. Out of water, you can find him napping with his cat, getting down at local concerts or climbing trees.





**Kate McLeod, Board Member (Undergraduate Representative)**  
*Undergraduate Second Year, Environmental Studies*

Kate grew up in coastal Humboldt County, CA, next to Redwood National Park. She has been raised hiking in the local forest and exploring the cold NorCal beaches, and has loved finding a new home on the Santa Barbara coastline. She is a passionate lover of cooking and summer sunsets, and hopes to do her part to keep the Pacific beautiful in both of the places she is lucky enough to call home.



**Cyrus Kahan, Board Member (Undergraduate Representative)**  
*Undergraduate Third Year, Environmental Studies*

Cyrus's passion for the environment, specifically the ocean, blossomed out of his love affair with riding waves. Through his studies he hopes to further healthy relationships between humans and the environment. Apart from surfing and studying, you may find Cyrus foraging for fruit around I.V. and UCSB or restoring the salt marsh at NCOS as a restoration worker for CCBER.



**Maria McCausland, Board Member (Undergraduate Representative)**  
*Undergraduate Third Year, Environmental Studies*

Maria has a particular passion for marine conservation and environmental justice. After living on a boat for a time and discovering the world of SCUBA, she decided that she never wanted to be out of earshot of the ocean. As a Seattle native, she is happy to occasionally trade the sun for some good coffee and beautiful Pacific Northwest scenery back home. On her spare time, you can find her singing at open mic's, roaming the beach, or trying to pet other people's dogs.



**Alana Ayasse, Board Member (Graduate Representative)**  
*Graduate Student, Geography*

Alana grew up in Oakland, CA where she spent her time running on the trails behind her house and learning the importance of the natural environment. Her interest in the environment lead her to get a B.A. in Geography from UCLA. Shortly after, Alana moved to Santa Barbara to pursue a PhD, also in Geography. Her research focuses on using remote sensing and air quality data to characterize methane emissions in California. Alana can still be found running on trails behind her house, and if she is not there then she is probably walking on the beach, surfing, or collecting fruit from around the neighborhood.



**Juliette Verstaen, Board Member (Graduate Representative)**  
*Bren School Masters Student, Coastal Marine Resource Specialization, Environmental Data Science Focus*

Juliette grew up in the San Francisco Bay area, and moved to Santa Barbara to get her BS in Aquatic Biology at UCSB. After undergrad she worked for the Moorea Coral Reef LTER for 2 years helping researchers gather data on coral reef ecosystems. She is now a 2nd year master's student at the Bren School of Environmental Science and Management. During her time off you can find Juliette hiking, diving, at the beach, or just taking a nap in a hammock.

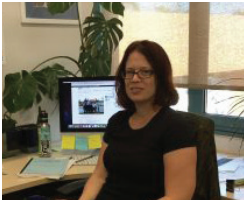


**Angela Chu, Board Member (Undergraduate Representative)**  
*Undergraduate Fourth Year, Ecology and Evolution*

Angela is a fourth year Ecology and Evolution major who will always be in awe of the natural world. She wants to protect and conserve wildlife but also help herself and others foster healthy relationships with nature. Plants and birds are her two loves at the moment. When she isn't studying, she's sharing time with friends and family and striving to be a better person.



# COASTAL FUND STAFF



**Sarah Siedschlag, Associated Students Environmental Programs Advisor**

Sarah serves as the staff advisor for several groups within Associated Students that focus on sustainability and the environment, including Coastal Fund. She moved to Santa Barbara in 2009 to pursue a master's degree at the UCSB Bren School of Environmental Science and Management, and liked it so much she never left. Sarah enjoys gardening, cooking, and posting pictures of her cat on the internet.



**An Nguyen, Outreach and Education Coordinator**

*Undergraduate Fourth Year, Environmental Studies, Art & Technology/Spatial Studies Minor*

Growing up in San Diego, An has always loved the beautiful California coast. As Outreach Coordinator, she hopes to promote conservation and awareness within the local community so that all can experience the ocean's beauty now and in the future. An is also on UCSB's women's swimming team, but in her free time, there is nothing else she would rather do than swim through the ocean's waves, watch sunsets, and enjoy hikes.



**Jem Unger Hicks, Outreach and Education Coordinator**

*Undergraduate Fourth Year, Environmental Studies*

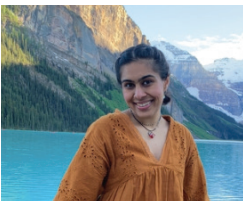
Originally from Southern California, Jem has been hiking all her life and considers the California coast to be her backyard. Jem is also an intern for the Environmental Defense Center and Co-Chair of UCSB's Environmental Affairs Board. She plans to pursue a career in environmental policy upon graduating and enjoys spending time outside whenever and wherever she can.



**Katherine Fukuda, Outreach and Education Coordinator**

*Undergraduate Third Year, Film Studies*

Katherine Fukuda is a third year Film and Media Studies major, and an Asian American Studies minor. As a southern California native, she enjoys paddle boarding, surfing, hiking, and working out. With her position as Outreach Coordinator, she hopes to help conserve the beautiful coastline she has grown to love and enjoy.



**Anushna Patel, Outreach and Education Coordinator**

*Undergraduate Third Year, Aquatic Biology*

Anushna Patel is currently an undergraduate Aquatic Biology major and English minor at UCSB. She grew up in San Jose and loves the Bay Area for its variety of coastal hiking trails. As much as she loves everything marine related, she has an equal passion for literature. Particularly, she loves poetry concerning nature, seeing as she can often be found going on adventures with her dog, Buddy. Anushna hopes to combine her love for both science and writing to pursue a career in science journalism and bring awareness about the environment to the general public.



**Rebecca Nishide, Administrative Assistant**

*Undergraduate Second Year, Chemistry*

Rebecca is from the South Bay and her childhood was spent on empty beaches and in redwood forests, giving her a passion for environmentalism. She wants to be as active as she can to protect the earth that means so much to her. She even wants to get other people to care as much as she does. Rebecca also enjoys drawing, skating, surfing, working out, and hoarding whiteboards at the library.



**Emily Orr, Administrative Assistant/CSP Coordinator**

*Undergraduate Third Year, Environmental Studies*

Emily grew up in a small town in the Central Valley of California, which makes her appreciate every minute she gets to spend at the beach. Besides going to the beach, Emily enjoys staying busy by also working as a Desk Attendant in the Residence Halls, as well as reading outside and staying active by biking.



# APPLICATIONS FOR FUNDING

The Coastal Fund accepts proposals for minor (maximum \$1000) and major (more than \$1000) funding from UCSB students, faculty, and community organizations that have a direct impact on the Santa Barbara coastline. Applications are accepted in three cycles: Fall, Winter, and Spring quarters.



IN 2018-2019, COASTAL FUND SUPPORTED  
67 PROJECTS FOR A TOTAL OF:

**\$420,490.89**

Complete descriptions of funded projects and internships, as well as more information on funding cycles, can be found on the Coastal Fund website: [www.coastalfund.org](http://www.coastalfund.org)





# COASTAL SERVICE PROGRAM

The Coastal Service Program (CSP) offers campus organizations opportunities to raise funds for their groups by participating in a restoration project or a beach clean-up. Organizations can earn \$100 for participating in a clean-up, and \$200 for participating in a restoration project.

The Coastal Service Program encourages and promotes students of all disciplines to learn about coastal and environmental issues.

During the 2018-2019 school year, Coastal Fund hosted many beach cleanups and restoration projects and helped UCSB students fundraise over \$7500 for a wide variety of student organizations. Over 500 students participated in the program, collectively removing hundreds of pounds of trash from our local beaches and completing hundreds of hours of restoration.





# OUTREACH AND EDUCATION ACTIVITIES

Throughout the year, Coastal Fund participated in many community events, and promoted education of Santa Barbara's unique environment through outreach to students around campus. The Coastal Fund also provides funding to co-sponsor both campus and community organizations that work hard to protect and preserve our beautiful coastline.

## EVENTS

- ▶ Fall 2018 Pardall Carnival
- ▶ Fall 2018 First Gen/EOP Fall Social
- ▶ Winter 2019 50th Anniversary of the SB Oil Spill: *A Call to Action*
- ▶ Spring 2019 Isla Vista Earth Day
- ▶ Spring 2019 Photo Contest: "What do you Sea?"
- ▶ Spring 2019 Coastal Fund Annual Gala

## CO-SPONSORSHIPS

- ▶ Fall 2018 NCOS Open House Event
- ▶ Winter 2019 Underwater Parks Day @ the Sea Center
- ▶ Spring 2019 Concert for the Coast
- ▶ Spring 2019 May TGIF @ EDC

## LISTSERV DISTRIBUTIONS

Coastal Fund sponsored events, funding opportunities, and available internships are listed in various campus listservs, including the Environmental Studies Department, the Bren School of Environmental Science and Management, Film and Media Studies, Environmental Affairs Board, UCSB Student Sustainability, Surfrider, and our own monthly newsletter. You may subscribe to our newsletter from our website, [www.coastalfund.org](http://www.coastalfund.org)



## ANNUAL GALA

On May 31, 2019, Coastal Fund held its 20th Annual Gala. All organizations, individuals and UCSB students funded by Coastal Fund were invited to celebrate. This year's gala aimed to highlight the ways that Coastal Fund has impacted the UCSB and Santa Barbara communities over the past two decades. Over the past years, Coastal Fund has had the privilege of supporting various projects and events, all of which have helped (and are helping) to preserve, protect and enhance the Santa Barbara coastline. Please take a look at our Featured Projects to learn more about some of the amazing work that we funded this year.



# FALL FUNDING

<b>Native Tree Restoration and Maintenance at UCSB</b> Your Children's Trees	\$13,825.10
<b>UCSB Ocean Portal</b> Marine Science Institute	\$11,549
<b>Data Analytics of the Montecito Debris Flows</b> Earth Science	\$8,109.25
<b>"Endangered in California/Back From the Brink" — Feature Documentary Film</b> International Documentary Association/Coal Oil Point Reserve	\$16,312
<b>The Coastal Oil Recovery and Protection Project</b> Environmental Defense Center	\$10,000
<b>Coastal Biodiversity and Restoration Research and Monitoring Internships</b> Cheadle Center for Biological and Ecological Restoration	\$6,600
<b>Campus Point Iceplant Conversion and Restoration</b> Cheadle Center for Biological and Ecological Restoration	\$9,077
<b>Restoration Intern: Winter &amp; Spring 2019</b> Cheadle Center for Biological and Ecological Restoration	\$4,800
<b>The effects of the Thomas Fire ash on Santa Barbara Channel phytoplankton communities</b> Marine Science Institute	\$13,798.36
<b>Internships and additional funding support for conservation, education, and restoration programs for winter and spring 2019</b> Coal Oil Point Reserve	\$17,672.74

## FEATURED PROJECT

### UCSB AUTONOMOUS AQUATIC RESEARCH VESSEL

The research is a part of is the Surface Current Mapping System of the Southern California Coastal Ocean Observing System. High Frequency (HF) oceanographic radar systems measure the speed and direction of currents on the surface of the ocean. This data is then used in many ways - in research related to oceanography and ecology, Search & Rescue missions, and disaster response in the event of an oil spill. One of the uses for the autonomous boards is to calibrate the radar sites - a process that used to involve chartering a boat and manually driving the calibration pattern. Now, it is possible to deploy a board and have it follow the pattern automatically, with far greater precision than a manned vessel could achieve. The design of the board is such that this instrument can be swapped out for any other device that a researcher may want to deploy in the field specifically over and around kelp.

On the project, Marine Scientist Eduardo Romero says, "We are continually refining our design, striving for precision, applicability, and ease of construction. The entire device, short of any oceanographic instruments, can be built using off-the-shelf parts available at hobby shops or online, and we have made plans for the boogie board publicly available. We hope that the inexpensive and open-source nature of our project encourages interested parties to build their own for their research or activities. We are now testing range, battery longevity, and durability in the field with the goal of stretching the possible mission length as long and far offshore as possible."





**Surveys of the Leopard Shark aggregation of Coal Oil Point**

Marine Science Institute \$11,015.50

**Investigating the synergistic impact of elevated temperature and carbon dioxide on a phytoplankton species from the Santa Barbara Channel**

Marine Science Institute \$4,591.72

**Anacapa Island Fish Health Project**

Marine Science Institute \$6,750

**Quantification of Pharmaceuticals and Personal Care Products in a Santa Barbara Wastewater Treatment Plant**

Bren School \$6,530.60

**Impacts of Natural Disasters on the Native Olympia Oyster in the Santa Barbara Watershed**

Bren School \$5,029

**Autonomous Aquatic Research Vessel**

Marine Science Institute \$3,062

## MINOR GRANTS

**California Offshore Aquaculture Project**

Bren School \$1,000

**Assessing Current Floral Resource Availability and Use for Native Pollinators on the UCSB Campus and Restored Coastal Areas**

UCSB Department of Ecology, Evolution and Marine Biology \$1,000

**Gear for UCSB Student Scientific Dive Class**

UCSB Environmental Health and Safety \$1,000

**Investigation of grassland species; germination rates to inform restoration from seed**

UCSB Department of Ecology, Evolution and Marine Biology \$1,000

**Observing the relationship between density dependent growth and marine spatial management in an exploited reef predator**

Marine Science Institute \$1,000

**Digitizing UCSB's Herbarium as a First Step in Understanding Plant Phenology Response to Climate Change**

Cheadle Center for Biological and Ecological Restoration \$800

**Lichens as Ecological Indicators in UCSB Campus Restoration Areas and Coal Oil Point Reserve**

Cheadle Center for Biological and Ecological Restoration \$930.04

**Bridging ocean science education for SB and Goleta School districts within coastal ocean measurements and open data platforms across the Santa Barbara Channel**

Marine Science Institute \$750

**TOTAL FALL FUNDING:**  
**\$156,202.31, 24 PROJECTS**



# WINTER FUNDING

<b>Beyond the Beach: Video Monitoring of Opean Ocean Biodiversity</b> UCSB Marine Science Institute	\$16,066.10
<b>Making Adventures Possible for All Students</b> Making Adventures Possible for All Students	\$7,059.00
<b>The proof is in the pollen: using pollen metabarcoding techniques to monitor native pollinator communities on the UCSB campus and restored coastal areas</b> Cheadle Center for Biological and Ecological Restoration	\$19,000.00
<b>Wildlife Rescue and Rehabilitation</b> Santa Barbara Wildlife Care Network	\$29,441.80
<b>Blue Horizons Summer Program for Environmental Media</b> Carsey-Wolf Center	\$10,664.18
<b>Reefcheck California</b> Reef Check Foundation	\$17,970.00
<b>Rethink the Drink</b> Community Environmental Council	\$4,076.00

FEATURED PROJECT

## MAKING ADVENTURES POSSIBLE FOR ALL STUDENTS

Making Adventures Possible for All Students (MAPAS) is an organization that focuses on creating opportunities for students of color and low-income communities at UCSB to get outdoors. MAPAS has helped many students with an outdoor interest to meet other students with similar interests. This new community is making more space for conversations on environmental issues and stewardship by nurturing a relationship with the outdoors. MAPAS does this by holding workshops and having events such as the “Hiking with Professor” series. The impact has been that more students have been able to hike, camp, and do other outdoor events without having to worry about the cost and accessibility.



With support from the Coastal Fund, MAPAS is able to provide stipends for student roles focused on outreach, social media, and events. The organization is focusing more on building community through outdoor activities, so everyone is more than welcome to come to go on their trips and to their meetings. On future plans, social chair of MAPAS, Elvia Cruz, says, “I see this project only growing as more UCSB students become aware of our mission and our intentions. Future plans consist of taking a group of students to Yosemite and backpacking with UCSB Professors!”



**Collaborative stewardship of the Santa Barbara Channel MPAs**

Environmental Defense Center \$10,000.00

**IV Foam Free for the Sea**

Santa Barbara Channelkeeper \$2,888.74

**EMERGENCY GRANTS**

**IV Surfrider: Blue Water Task Force**

IV Surfrider \$4,030.07

**Rapid, High Temporal, and Spatial Resolution Data on Increased Run-off; Goleta Mud**

Offloading on Coastal Phytoplankton Bloom Response and Coastal Ecosystem Health  
of the SBC UCSB Marine Science Institute \$13,695.67

**MINOR GRANTS**

**Fate and Occurrence of Pharmaceuticals and Personal Care Products  
in Wastewater Treatment Plants**

Bren School \$1,000.00

**Analysis of Sea Cliff Erosion Along the Isla Vista Coast**

Earth Science \$975.00

**Development of a protocol using flow cytometry to quantify  
microplastic concentrations from a variety of marine sample types**

UCSB Marine Science Institute \$991.85

**A Systematic Assessment of Coastal Grassland Restoration**

UC Santa Cruz Environmental Studies \$937.20

**Coastal Watershed Protection Internship**

Santa Barbara Urban Creeks Council \$1,000.00

**Defending Against Attack - Identifying Effective Semiochemical  
Deterrents to Protect Host Trees from a Newly Invasive, Disease Vectoring  
Ambrosia Beetle Species Complex**

UCSB Marine Science Institute \$1,000.00

**TOTAL WINTER FUNDING:  
\$140,795.61, 17 PROJECTS**

# SPRING FUNDING

## **Internships and additional funding support for conservation, education, and restoration programs for summer and fall 2019**

Coal Oil Point Reserve \$10,570.98

## **The Impact of Small Mammals on Grassland Restoration Success**

UCSB Department of Ecology, Evolution and Marine Biology \$2,835.30

## **Kelp forest and rocky reef monitoring student fellowship**

UCSB Marine Science Institute \$6,680.88

## **Lobster aggregations form biogeochemical hotspots that structure benthic communities in kelp forests**

UCSB Marine Science Institute \$7,398.82

## **Assessment of severity and distribution of drought-induced fungal pathogens in coastal big berry manzanita**

UCSB Department of Ecology, Evolution and Marine Biology \$4,762.16

## **Fostering a Lifelong Fascination with Nature**

NatureTrack Foundation \$9,750.00

## **It's hAPPening!**

UCSB Marine Science Institute \$9,069.96

## **REEFunds for Undergrads**

UCSB Marine Science Institute \$13,145.10

## **Restoration Interns: Fall 2019, Winter & Spring 2020**

Cheadle Center for Biological and Ecological Restoration \$6,750.00

## **Goleta Watershed Protection and Creek Cleanup Program**

Environmental Defense Center \$6,042.94.00

### FEATURED PROJECT

## FOSTERING A LIFELONG FASCINATION WITH NATURE

Coastal Fund is proud to support NatureTrack, an organization that provides more than 4,000 outdoor experiences annually for K-12 students and teachers in Santa Barbara County. NatureTrack's mission is two-fold: to prepare students with the attitudes, leadership skills and habits for lifelong learning; and to encourage students to embrace the natural world with respect and wonder, inspiring them to become stewards of our natural resources. NatureTrack's "Fostering a Lifelong Fascination with Nature" outdoor field trip program has become so popular with teachers that within 72 hours of opening reservations for the 2019-20 school year, more than 100 field trips were requested. The most popular field trips are to Ellwood Beach, Haskell's Beach, Arroyo Hondo Preserve, and Arroyo Burro Beach. During the fall of 2018, they were able to add even more coastal field trip locations, including El Capitan, Refugio and Gaviota State Beaches.

Future plans include increasing the number of students who have the opportunity to be outdoors with NatureTrack and adding more field trip locations, including the Guadalupe Dunes. Additionally, NatureTrack plans on collaborating with other local nonprofit organizations on projects where students and docents on NatureTrack field trips can participate in restoration projects. Linda Mayer, a Santa Ynez Valley Charter School teacher, said, "The students learned more on this field trip than I could teach them in a week of classroom instruction. We are constantly referring back to what we learned on the field trip."





**Adopt-A-Block**

Isla Vista Recreation & Park District \$6,348.00

**Exploring Plankton Diversity in the Santa Barbara Channel**

Earth Research Institute \$2,751.30

**Greenhouse Gas Fluxes of an Intermittently Tidal Salt Marsh**

Earth Research Institute \$16,324.56

**GIVE Benefit Sale**

GIVE to Isla Vista! \$7,693.76

**Santa Ynez Mountains Area Invasive Plant Eradication and Microtrash Removal Project**

Los Padres Forest Watch \$3,743.00

## MINOR GRANTS

**Supporting Student Internships in the UCSB Invertebrate Zoology Collection**

UCSB Department of Ecology, Evolution and Marine Biology \$500.00

**Promotion and Outreach for the Cheadle Center for Biodiversity and Ecological Restoration**

Cheadle Center for Biodiversity and Ecological Restoration \$500.00

**Impacts of Natural Disasters on the Native Olympia Oyster in the Santa Barbara Watershed**

Bren School \$1,000.00

**Improving the long-term success of vernal pool restoration through thatch manipulation**

UCSB Department of Ecology, Evolution and Marine Biology \$1,000.00

**Mutt Mitts**

Isla Vista Recreation and Park District \$700.00

**(Coccinellidae Abundance Distribution and Impacts of Ecological Restoration)**

UCSB Ladybug Study  
Cheadle Center for Biodiversity and Ecological Restoration \$1,000.00

**Detritivore arthropods of the UC Santa Barbara North Campus Open Space**

Cheadle Center for Biodiversity and Ecological Restoration \$1,000.00

**Conservation Physiology of Carpinteria Salt Marsh Fish**

UCSB Department of Ecology, Evolution and Marine Biology \$1,000.00

**Monitoring the invasive grass species of Los Padres National Forest**

UCSB Department of Ecology, Evolution and Marine Biology \$970.00

**Environmental factors influencing surf zone fish biodiversity**

UCSB Marine Science Institute \$991.19

**Investigating the synergistic impact of elevated temperature and carbon dioxide on a phytoplankton species from the Santa Barbara Channel.**

UCSB Marine Science Institute \$965.02

**TOTAL SPRING FUNDING:**  
**\$123,492.97, 26 PROJECTS**

TOTAL 2018-19 PROJECT FUNDING:  
**\$420,490.89**  
**67 PROJECTS**





# INTERNSHIPS FUNDED

## FALL 2018

<i>Organization</i>	<i>Project</i>	<i>Interns</i>	<i>Total intern funding</i>
<b>Native Tree Restoration and Maintenance at UCSB</b>	Your Children's Trees	15	\$11,625
<b>UCSB Ocean Portal</b>	Marine Science Institute	2	\$2,474.40
<b>Data Analytics of the Montecito Debris Flow</b>	Earth Science	3	\$6,959.25
<b>Endangered in California/Back from the Brink</b>	International Documentary Association/ Coal Oil Point Reserve	1	\$2,400
<b>Coastal Oil Recovery and Restoration Project</b>	Environmental Defense Center	1	\$2,300
<b>Coastal Biodiversity and Restoration Research and Monitoring Internships</b>	Cheadle Center for Biodiversity and Ecological Restoration	1	\$3,600
<b>Campus Point Iceplant Conversion and Restoration</b>	Cheadle Center for Biodiversity and Ecological Restoration	1	\$2,225
<b>Restoration Intern: Winter &amp; Spring 2019</b>	Cheadle Center for Biodiversity and Ecological Restoration	7	\$4,800
<b>The Effects of Thomas Fire ash on Santa Barbara Channel phytoplankton communities</b>	Marine Science Institute	2	\$2,474.40
<b>Internships and Additional Funding Support for Conservation, Education, and Restoration Programs for Winter and Spring 2019</b>	Coal Oil Point Reserve	26	\$16,692.24
<b>Surveys of the Leopard Shark Aggregation of Coal Oil Point</b>	Coal Oil Point Reserve	2	\$1,500
<b>Investigating the Synergistic Impact of Elevated Temperature and Carbon Dioxide on a phytoplankton species from the Santa Barbara Channel</b>	Marine Science Institute	1	\$3,216.72
<b>Anacapa Island Fish Health Project</b>	Cheadle Center for Biological and Ecological Restoration	5	\$800
<b>Quantification of Pharmaceuticals and Personal Care Products in a Santa Barbara Wastewater Treatment Plant</b>	Bren School	2	\$2,680
<b>Impacts of Natural Disasters on the Native Olympia Oyster in the Santa Barbara Watershed</b>	Bren School	1	\$900
<b>Assessing Current Floral Resource Availability and Use for Native Pollinators on the UCSB Campus and Restored Coastal Areas</b>	UCSB Department of Ecology, Evolution, and Marine Science	2	\$800
<b>Investigation of Grassland Species; Germination rates to inform restoration from seed</b>	UCSB Department of Ecology, Evolution, and Marine Science	1	\$700
<b>Observing the relationship between density dependent growth and marine spatial management in an exploited reef predator</b>	Marine Science Institute	1	\$300
<b>Digitizing UCSB's Herbarium as a First Step in Understanding Plant Phenology Response to Climate Change</b>	Cheadle Center for Biodiversity and Ecological Restoration	1	\$800
<b>Lichens as Ecological Indicators in UCSB Campus Restoration Areas and Coal Oil Point Reserve</b>	Cheadle Center for Biodiversity and Ecological Restoration	1	\$800
<b>Bridging ocean science education for SB and Goleta School districts with coastal ocean measurements and open data platforms across the Santa Barbara Channel</b>	Marine Science Institute	2	\$750

**TOTAL FALL INTERNSHIPS FUNDED:  
\$68,797.01, 9 organizations, 78 interns**

# INTERNSHIPS FUNDED

## WINTER 2019

<i>Organization</i>	<i>Project</i>	<i>Interns</i>	<i>Total intern funding</i>
Beyond the Beach: Video Monitoring of Open Ocean Diversity	Marine Science Institute	3	\$8,351
The Proof Is in the Pollen: Using Pollen Metabarcoding Techniques to Monitor Native Pollinator Communities on the UCSB Campus and Restored Coastal Areas	Cheadle Center for Biodiversity and Ecological Restoration	4	\$9,600
Wildlife Rescue and Rehabilitation	Santa Barbara Wildlife Care Network	6	\$8,041.80
Reefcheck California	Reef Check Foundation	2	\$3,900
Collaborative Stewardship of the Santa Barbara Channel MPAs	Environmental Defense Center	1	\$2,400
IV Foam Free for the Sea	Santa Barbara Channelkeeper	1	\$1,088.74
Analysis of Sea Cliff Erosion Along the Isla Vista Coast	Earth Science	1	\$975
Coastal Watershed Protection Internship	Santa Barbara Urban Creeks Council	1	\$1,000
Defending Against Attack-Identifying Effective Semiochemical Deterrents to Protect Host Trees from a Newly Invasive, Disease Vectoring Ambrosia Beetle Species Complex	Marine Science Institute	2	\$1,000
Rapid , High Temporal, and Spatial Resolution Data on Increased Run-off & Goleta Mud Offloading on Coastal Phytoplankton Bloom Response and Coastal Ecosystem Health of the SBC - Emergency Grant	UCSB Marine Science Institute	3	\$2,200

TOTAL WINTER INTERNSHIPS FUNDED:  
\$38,556.54, 8 organizations, 24 interns



**\$120,432.71**  
**33 ORGANIZATIONS, 181 INTERNS**



## SPRING 2019

<i>Organization</i>	<i>Project</i>	<i>Interns</i>	<i>Total intern funding</i>
<b>Internships and Additional Funding Support for Conservation, Education, and Restoration Programs for Summer and Fall 2019</b>	Coal Oil Point Reserve	10	\$9,770.98
<b>The Impact of Small Mammals on Grassland Restoration Success</b>	UCSB Department of Ecology, Evolution and Marine Biology	1	\$2,500
<b>Kelp Forest and Rocky Reef Monitoring Student Fellowship</b>	Marine Science Institute	1	\$6,680.88
<b>Lobster Aggregations Form Biogeochemical Hotspots that Structure Benthic Communities in Kelp Forests</b>	Marine Science Institute	1	\$2,495.02
<b>Assessment of Severity and Distribution of Drought-Induced Fungal Pathogens in Coastal Big Berry Manzanita</b>	UCSB Department of Ecology, Evolution and Marine Biology	2	\$1,500
<b>Fostering a Lifelong Fascination with Nature</b>	NatureTrack Foundation	3	\$9,000
<b>It's hAPPening!</b>	Marine Science Institute	2	\$1,500
<b>REEFunds for Undergrads</b>	Marine Science Institute	2	\$13,145.10
<b>Restoration Interns: Fall 2019, Winter &amp; Spring 2020</b>	Cheadle Center for Biodiversity and Ecological Restoration	5	\$6,750
<b>Goleta Watershed Protection and Creek Cleanup Program</b>	Environmental Defense Center	1	\$1,800
<b>Adopt-A-Block</b>	Isla Vista Recreation and Park District	2	\$6,048
<b>Exploring Plankton Diversity in the Santa Barbara Channel</b>	Earth Research Institute	1	\$2,751
<b>Greenhouse Gas Fluxes of an Intermittently Tidal Salt Marsh</b>	Earth Research Institute	11	\$19,918.92
<b>GIVE Benefit Sale</b>	GIVE to Isla Vista!	2	\$3,000
<b>Supporting Student Internships in the UCSB Invertebrate Zoology Collection</b>	UCSB Department of Ecology, Evolution and Marine Biology	1	\$500
<b>Promotion and Outreach for the Cheadle Center for Biodiversity and Ecological Restoration</b>	Cheadle Center for Biodiversity and Ecological Restoration	1	\$500
<b>Impacts of Natural Disasters on the Native Olympia Oyster in the Santa Barbara Watershed</b>	Bren School, UCSB	1	\$1,000
<b>Improving the long-term success of vernal pool restoration through thatch manipulation</b>	UCSB Department of Ecology, Evolution and Marine Biology	1	\$800
<b>(Coccinellidae Abundance Distribution of Impacts of Ecological Restoration) UCSB Ladybug Study</b>	Cheadle Center for Biodiversity and Ecological Restoration	2	\$750
<b>Detritivore arthropods of the UC Santa Barbara North Campus Open Space</b>	Cheadle Center for Biodiversity and Ecological Restoration	2	\$1,000
<b>Conservation Physiology of Carpinteria Salt Marsh Fish</b>	UCSB Department of Ecology, Evolution and Marine Biology	1	\$300
<b>Monitoring the invasive grass species of Los Padres National Forest</b>	UCSB Department of Ecology, Evolution and Marine Biology	1	\$500
<b>Environmental factors influencing surf zone fish biodiversity</b>	UCSB Marine Science Institute	2	\$750
<b>"Investigating the synergistic impact of elevated temperature and carbon dioxide on a phytoplankton species from the Santa Barbara Channel!"</b>	UCSB Marine Science Institute	1	\$965.02

**TOTAL SPRING INTERNSHIPS FUNDED:  
\$101,618.68, 11 organizations, 61 interns**





COASTAL FUND  
UC SANTA BARBARA  
ASSOCIATED STUDENTS

[www.coastalfund.org](http://www.coastalfund.org) | 805.893.5166 | [Coastalfund@gmail.com](mailto:Coastalfund@gmail.com)

Coastal Fund

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