

# Associated Students Coastal Fund Annual Report 2015-16



PHOTO BY: BRENDAN MANSFIELD



# MISSION

The Coastal Fund (CF) 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 the ecological integrity of the shoreline are essential and irreplaceable. The CF 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 CF 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 habitat. CF 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. CF encourages studies that further our understanding of the shoreline.

## RESTORATION

Acknowledging that past human activity has negatively affected the environment, CF understands 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 \$330,000 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 \$3.6 million to 682 projects.



# COASTAL FUND MEMBERS



## JACK MORROW BOARD CHAIR

### *Undergraduate Fourth Year, Hydrologic Sciences*

Born in Long Beach, California, Jack was raised with a healthy dose of surfing and Lakers basketball. Jack's diverse interests in biology, environmental policy, and geologic processes lead him to pursue a degree in the field of hydrology. After graduation, he hopes to study stream ecology as he continues to explore his interests and the world.

## LAUREN CROSHAW BOARD VICE CHAIR

### *Undergraduate Fourth Year, Biological Sciences*

During her four years at UCSB, Lauren spent her time researching soil microbiology, volunteering with UCSB's Street Health Outreach, and exploring Santa Barbara's natural environment. After graduation, she hopes to combine her varied interests by pursuing a career in Environmental Health and Primary Care.



## DELANEY ARCHER BOARD MEMBER, UNDERGRADUATE REPRESENTATIVE

### *Undergraduate Third Year, Economics and Accounting*

From San Mateo, California, Delaney takes every chance she can to get outside and be active. Delaney's love of the ocean started at a very young age, when she was PADI certified in Maui, Hawaii. Delaney has used her skills this year on the Coastal Fund Board to keep track of funding and offer a new perspective to the Coastal Fund. In the summer of 2016, Delaney spent her time as an audit intern in Ernst and Young's FSO division, hiking, visiting the beach, and exploring nature.



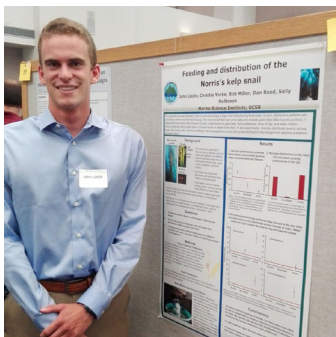
## MADELINE DAHM BOARD MEMBER, UNDERGRADUATE REPRESENTATIVE

### *Undergraduate Fourth Year, Physical Geography*

Madeline's interest in the geosciences was piqued upon many trips into the outdoors and a strong desire to understand the natural environment around her. In the summer of 2016, she worked as a GIS intern for Infinity Renewables, a wind and solar development company. In the fall, Madeline moved to Vientiane, Laos for a year-long fellowship with Princeton where she is researching sustainable development and water rights along the Mekong Delta for the International Water Management Institute.







## JOHN LIEDLE BOARD MEMBER, UNDERGRADUATE REPRESENTATIVE

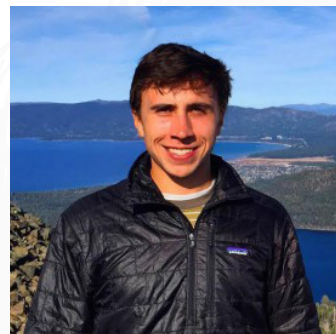
### *Undergraduate Fourth Year, Biological Sciences*

John is from San Diego, California, and spends as much of his free time as possible in the ocean, surfing, swimming, fishing and diving. His enjoyment for ocean recreation spawned his interest for kelp forest and marine ecology which he studies with the Santa Barbara Coastal Long Term Ecological Research (SBC-LTER) and Moorea Coral Reef LTER programs.

## MAXIMILIAN STIEFEL BOARD MEMBER, GRADUATE REPRESENTATIVE

### *PhD Student, Geography*

Max is studying population structure and change under environmental hazard risk. At UCSB, Max works to advance institutional sustainability as a Graduate Student Representative for the Chancellor's Sustainability Committee and a Carbon Neutrality Fellow in support of a UC Office of the President Initiative.



## ISABELLA MARILL BOARD MEMBER, GRADUATE REPRESENTATIVE (SPRING)

### *Bren School Masters Student, Coastal Marine Resource Management*

Isabella grew up on the beach outside of Los Angeles, California where she first fell in love with the ocean. After receiving her undergraduate degree of Fishery Sciences at the University of Washington, Seattle, she spent 3 years teaching marine biology to K-12 students on Catalina Island. Outside of studying, she loves to SCUBA dive, surf, travel, and explore her new home of Santa Barbara.

## DANIEL ELLIS BOARD MEMBER, GRADUATE REPRESENTATIVE (FALL AND WINTER)

### *Masters Student, Physical Oceanography, Graduated Winter 2016*

Daniel has always been passionate about studying and working hard to protect our ocean. During his graduate career, Daniel studied the effects of wind relaxations in the Santa Barbara Coastline and has since become a California State Sea Grant Fellow at the State Water Resources Control Board where he works to ensure pristine water quality of our ocean.



# 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. She enjoys gardening, cooking, and posting pictures of her cat on the internet.

## EMILY ROGERS OUTREACH AND EDUCATION COORDINATOR

### *Undergraduate Fourth Year, Film and Media Studies*

Emily loves to spend her time outdoors, especially on our Pacific coast. Raised in sunny Hermosa Beach, CA, she enjoys spending her time in Santa Barbara pretending to be a mermaid, making drip sand castles, bodyboarding, and surfing. In her spare time, you can catch her blowing bubbles and rolling down grassy hills.



## MAYA NORMANDI OUTREACH AND EDUCATION COORDINATOR (WINTER AND SPRING)

### *Undergraduate Third Year, Environmental Studies*

Maya was born in West Marin, northern California where she spent her free time hiking, backpacking, and swimming in the Pacific Ocean. Maya loves to travel and be outside, and she hopes to continue her work in South America with Global Student Embassy to conduct environmental restoration and education.

## ALEJANDRA POSADA OUTREACH AND EDUCATION COORDINATOR (WINTER AND SPRING)

### *Undergraduate Third Year, Environmental Studies and Global Studies*

Alejandra is from Los Angeles, California and is particularly interested in development and environmental planning. She is an intern for Your Children's Trees at UCSB and spends her free time at the beach or taking one-day camping trips. In the summer of 2016, she interned for the U.S Department of Agriculture's National Resource Conservation Service.







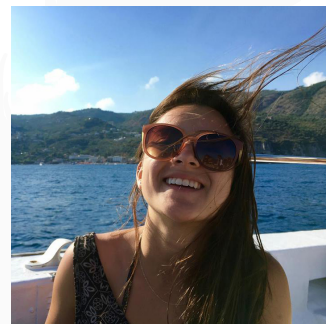
## KEVIN LU OUTREACH AND EDUCATION COORDINATOR (FALL)

### *Undergraduate Fall 2015, Environmental Studies*

Originally from San Jose, CA, Kevin's strong passion for the ocean and coastal environment inspired him to join the Coastal Fund team. Previously, Kevin had the opportunity to intern at the County of Santa Clara's Clean Water Program where he monitored the water quality of the County's major waterways. As the Education and Outreach Coordinator, he aims to continue to promote environmental awareness and educate the public about the importance of preserving our coast.

## EMMA JOHNSON OUTREACH AND EDUCATION COORDINATOR (FALL)

Emma Johnson graduated this past year with her degree in Environmental Studies, and a minor in Writing for Business Communication. She lived next to the coast all her life, which cultivated her love for the ocean. She grew up surrounded by people promoting the Save Trestles movement, and worked with the SOC Surfrider chapter for four years, helping pass the ban on plastic bags in Dana Point. You can probably find her teaching or practicing yoga, playing in the ocean, or gardening.



## STEPHEN FETTERLY COASTAL SERVICE PROGRAM COORDINATOR

### *Undergraduate Third Year, Environmental Studies*

Stephen, an Environmental Studies major, has a particular interest in ecology, food production and sustainable design. Growing up in San Diego, he was significantly influenced by the ocean at an early age, and has since developed a deep desire to help preserve its magic for future generations. When he's not studying, you can find him enjoying the great outdoors, attempting to hang ten, or getting down at a local concert.



# APPLICATIONS FOR FUNDING

Coastal Fund accepts proposals for minor (less than \$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 2015-2016, COASTAL FUND SUPPORTED 118 PROJECTS FOR A TOTAL OF: \$461,193.39**

Complete descriptions of funded projects and internships 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 an opportunity to raise funds for their group by participating in a restoration project, beach or street clean-up. Groups 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 from different disciplines to learn about coastal and environmental issues.

During the 2015-2016 school year, Coastal Fund hosted many beach and street clean-ups and restoration projects to award a total of \$8000 to 54 different groups. A total of 594 students participated in the program and they collectively removed 245 pounds of trash from our local beaches.





# OUTREACH AND EDUCATION ACTIVITIES

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

## EVENTS

*Fall 2015 Week of Welcome*

*Fall 2015 Pardall Carnival*

*Winter 2016 Sunset Beach Clean Up*

*Winter 2016 Annual Winter Quarter Photo Contest*

*Spring 2016 Santa Barbara Earth Day*

*Spring 2016 Isla Vista Earth Day*

*Spring 2016 Annual Coastal Fund Gala*

## CO-SPONSORSHIPS

*Fall 2015 Adopt-a-Block HalloClean*

*Spring 2016 Santa Barbara Channelkeeper: Blue Water Ball*

*Spring 2016 Concert for the Coast*

*Spring 2016 Los Padres Forestwatch: Ojai Wild*

*Spring 2016 Environmental Defense Center: Green and Blue Event*



## LISTSERV DISTRIBUTIONS

Coastal Fund sponsored events, funding opportunities, and available internships were 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 22, 2016, Coastal Fund held its 16th Annual Gala. All organizations, individuals and UCSB students funded by Coastal Fund were invited to celebrate. Marking the one-year anniversary of the Refugio Oil Spill, the event highlighted the consistent and compassionate community efforts made to heal the coast through Coastal Fund funded projects, the Coastal Service Program, and outreach-education activities. Please read the Featured Projects to learn more about this past year's community efforts to maintain the health of our coast.

# PROJECTS FUNDED (INCLUDES INTERNSHIP FUNDING)

## FALL FUNDING

### *Short Education Films for COPR Visitor's Center*

Organization: Coal Oil Point Reserve \$11,000

### *Internships and Additional Funding Support for Conservation, Education, and Restoration Programs for Winter and Spring 2016*

Coal Oil Point Reserve \$16,809.44

### *Coal Oil Point Live Oak Planting*

Your Children's Trees at UCSB \$8,442.60

### *Gaviota Coast Preservation and Education*

Environmental Defense Center \$10,000

### *Greenhouse Gas Emissions from Coastal Wetlands in Central Coast, California: Patterns and Mechanisms*

Department of Geography \$3,880.60

### *Goleta Watershed Protection and Creek Clean-up Program*

Environmental Defense Center \$6,430

### *Restoration Intern Training Program Winter and Spring 2016*

Cheadle Center for Biological and Ecological Restoration \$4,500

### *Kids in Nature Environmental Education Program*

Cheadle Center for Biological and Ecological Restoration \$13,878.32

### *LiMPETS (Long-term Monitoring Program and Experimental Training for Students)*

MERITO Foundation, Inc. \$5,940

### *Experimental Trail for North Campus Open Space Restoration Project*

Cheadle Center for Biological and Ecological Restoration \$3,650

### *The Effects of the Refugio Oil Spill on Phytoplankton in the Santa Barbara Channel*

Marine Science Institute \$9,474.64

### *Vessel Speed Reduction, Air Pollution, and Whale Strikes Tradeoffs in the Santa Barbara Channel Region: Solution-Orientated Integration of Health and Ecosystem Service Valuation*

Bren School of Environmental Science and Management \$5,700

### *Watershed Restoration Internship*

South Coast Habitat Restoration \$3,823.36



***Mutt Mitt Program***

Isla Vista Recreation and Parks District

\$700

***Scuba Gear for the Dive Safety Program***

Environmental Health and Safety

\$1,000

***Student Scholarship for the Dive Safety Program***

Environmental Health and Safety

\$500

***Get Oil Out! Education and Legal Fund (GELF)***

Get Oil Out!

\$994.98

***Fairview Gardens Farm Education Internships***

Fairview Gardens

\$950

***Community HAB's Monitoring Program***

Marine Science Institute

\$1,113

***Phragmites australis Rhizome Reproduction***

Marine Science Institute

\$750

**TOTAL FALL FUNDING: \$109,536.94, 20 PROJECTS**



# FEATURED PROJECT

## ENVIRONMENTAL DEFENSE CENTER

The Environmental Defense Center (EDC) works to protect and enhance the south central coast of California through education, advocacy and legal action. Long time partners of the Coastal Fund, the EDC made huge strides this year in the effort to reduce the damage from offshore fossil fuel extraction. For years, offshore oil fracking and acidizing have been conducted in federal waters off California's coast without prior environmental review. In early 2016, EDC announced a settlement agreement that would require the first ever environmental analysis of the procedures' potential risks to water and air quality, as well as threats against endangered species.

Prior to EDC's discovery in 2013, regulators of oil drilling companies were unaware of the offshore fracking activities, however they continued to approve drilling permits regardless of environmental review. These dangerous well stimulation techniques are conducted without transparency, but approval of the settlement would allow public review and input. If this settlement passes, 53 offshore well stimulation from six offshore platforms will be reviewed in an effort to avoid the threat of environmental degradation and catastrophe. Thank you to EDC for fighting on behalf of our coastal ecosystems!





# WINTER FUNDING

## *The Impact of Sea-Level Rise on Coastal Erosion at UCSB: Using the Coming 2015-2016 El Nino as a Surrogate for 50-100 Years of Expected Sea-Level Rise*

UCSB Earth Science and Geography Department \$9,200.08

### *Gaviota Coast Legal Defense*

Surfrider, Santa Barbara Chapter \$5,000

### *Wilderness, Wildlife, and Watersheds*

Los Padres ForestWatch \$3,065

### *Ellwood Mesa Coastal Trail and Habitat Restoration Project*

Santa Barbara County Trails Council \$17,990

### *Coastal Habitat Arthropod Sampling and Collection Project*

Cheadle Center for Biological and Ecological Restoration \$11,794.54

### *UCSB Campus Lagoon- Continuing Multifaceted Restoration Efforts*

Cheadle Center for Biological and Ecological Restoration \$6,727.86

### *North Campus Open Space Planning and Design Project*

Cheadle Center for Biological and Ecological Restoration \$7,500

### *Botanic Garden Eucalyptus Removal*

Santa Barbara Urban Creeks Council \$1,100

### *GreenScreen Environmental Media Program*

UCSB Carsey-Wolf Center \$1,237.20

### *Protecting California's Central Coast from the Risks and Impacts of Oil Development*

Environmental Defense Center \$10,000

### *Determining the Ocean's Role in the Distribution of Beach Trash*

Earth Research Institute \$3,402.30

### *The Use of Novel Water Sampling Systems to Study Nutrient Dynamics and Human Impacts on Santa Barbara Coastal Kelp Forests*

Marine Science Institute \$17,092

### *Promotion and Outreach for CCBER*

Cheadle Center for Biological and Ecological Restoration \$375

### ***Farm Internships***

Fairview Gardens \$1,000

### ***Resurvey of the California Rock Crab Fishery: A Data Limited Fisheries Case Study***

Bren School of Environmental Science and Management \$998.01

### ***Kuya'mu State Park***

Surfrider, Santa Barbara Chapter \$950

### ***Impacts of Coastal Fishing on Food Security, Community Health, and Conservation in Santa Barbara County***

UCSB Geography Department \$1,000

### ***Dune Whale Pond Buffer Fire Recovery Project***

Santa Barbara Audubon Society \$1,000

### ***Sprout Up 16-17 Materials Purchasing***

Sprout Up! \$859.02

### ***Farm Education Internships***

Fairview Gardens \$950

### ***Lupinus Nipomensis Outplanting Soil Analysis***

Cheadle Center for Biological and Ecological Restoration \$990

### ***Santa Barbara HAB'S Monitoring Network***

Marine Science Institute \$1,000

**TOTAL WINTER FUNDING: \$103,231.01, 22 PROJECTS**





# FEATURED PROJECT

## ADOPT-A-BLOCK

Adopt-A-Block is Isla Vista's only litter abatement program, with year-round volunteers that keep our local community and coastline trash-free. With crowded street parking, street-sweepers cannot access trash that accumulates between cars and the curb. To avoid the threat of this litter reaching the ocean, Adopt-A-Block has put in **55,000 hours** of community service since 2002 in addition to education and outreach to prevent litter. The education program's success is demonstrated by the downward trend in litter from **85,000 lbs** in 2014 to **67,000 lbs** annually in 2015.

Adopt-A-Block has used Coastal Fund's financial support to make litter prevention more engaging through projects such as a mobile app that geocaches trash-ridden locations, interactive cigarette butt receptacles, and oversized cigarette butt props to raise awareness litter's impact on the environment. Since the program's conception 20 years ago, volunteers have removed a grand total of **932,250 lbs** of trash--thank you Adopt-A-Block for keeping our community and coastline healthy and beautiful!



# SPRING FUNDING

## *Goleta Watershed and Sensitive Habitat Protection and Education Project*

Environmental Defense Center \$6,940

## *Digitization of the CCBER California Algae Herbarium: Using Collection Data to Track Changes in the Algae Population in the California Coast*

Cheadle Center for Biological and Ecological Restoration \$7,204.25

## *MPA Watch Internship Program*

Santa Barbara Channelkeeper \$5,252.30

## *Internships and Additional Funding for Conservation, Education, and Restoration Programs for Summer and Fall 2016*

Coal Oil Point Reserve \$10,541.04

## *Farming and Farm Education Internships*

Fairview Gardens \$3,902.34

## *Fostering a Lifelong Fascination with Nature*

NatureTrack Foundation, Inc. \$15,620

## *Naples Development Defense Fund*

Surfrider Foundation, Santa Barbara Chapter \$7,500

## *Adopt-A-Block*

Isla Vista Recreation & Parks District \$4,872.58

## *Dune Swale Pond Buffer Fire Recovery Project*

Santa Barbara Audubon Society \$3,550

## *The Impact of Sea-Level Rise on Coastal Erosion at UCSB: Using the Coming 2015-2016 El Nino as a Surrogate for 50-100 Years of Expected Sea-Level Rise*

Department of Earth Science/Geography \$5,930.08

## *Coal Oil Point Woodland Maintenance*

Your Children's Trees at UCSB \$5,876.04

## *Edible Campus Program*

Department of Geography \$5,500

## *Gaviota Coast Plan Legal Analysis and Commentary*

Surfrider Foundation, Santa Barbara Chapter \$5,000



***Harmful Algal Blooms of the Santa Barbara Channel: Increasing Awareness Through Monitoring, Research, and Outreach***

Marine Science Institute \$8,492.50

***Rethink the Drink***

Community Environmental Council \$3,670

***Reef Check Foundation***

Reef Check California \$13,000

***Restoration Interns***

Cheadle Center for Biological and Ecological Restoration \$900

***CCBER Lichen Collection Internship for UCSB Undergraduates***

Cheadle Center for Biological and Ecological Restoration \$950

***Resurvey of the California Rock Crab Fishery: A Data Limited Fisheries Case Study***

Bren School of Environmental Science and Management \$1,000

***Fog Chemistry of Coal Oil Point Reserve***

Environmental Studies Department \$584

***Promotion and Outreach for CCBER***

Organization: Cheadle Center for Biological and Ecological Restoration \$750

***Maternal Effect of *Lupinus Succulentus* and *Lupinus Bicolor****

Ecology, Evolution, and Marine Biology Department \$922.48

***Fire Effect on the Flowering Rates of *Dichelostemma Capitatum****

Ecology, Evolution, and Marine Biology Department \$993.87

***Beach Consumer Diversity Enhances Consumption of Kelp Wrack***

Marine Science Institute \$775

**TOTAL SPRING FUNDING: \$119,726.44 24 PROJECTS**



# FEATURED PROJECT

## NATURETRACK

NatureTrack is a non-profit organization that provides docent-led outdoor field trips for K-12 students in Santa Barbara County under their project “NatureTrack – Fostering a Lifelong Fascination with Nature.” With 75+ volunteer docents, the program works to prepare students with leadership skills, attitudes and a desire for lifelong learning, as well as encourage respect, wonder, and stewardship for our natural world.

With the support of Coastal Fund, NatureTrack provides outdoor standards-based curricula field trips at no cost to schools or students, successfully involving over 7,000 students in their program since 2011. NatureTrack trips use local trails and beaches to observe the vast and diverse coastline ecosystems and geology through exploration of tidepools, marine life, and flora and fauna. Thanks to NatureTrack and their wide array of committed volunteers for providing young scholars with the guidance to become educated environmental stewards!



**TOTAL 2015-16 PROJECT FUNDING: \$332,494.39, 67 PROJECTS**



# INTERNSHIPS FUNDED

## FALL INTERNSHIPS

ORGANIZATION	PROJECT NAME	# INTERNS FUNDED	FUNDING
<i>Coal Oil Point Reserve</i>	Internships and Additional Funding Support for Conservation, Education, and Restoration Programs for Winter and Spring 2016	37	\$15,740
<i>Your Children's Trees at UCSB</i>	Coal Oil Point Live Oak Planting	14	\$5,460
<i>Environmental Defense Center</i>	Gaviota Coast Preservation and Education	1	\$1,100
<i>Geography</i>	Greenhouse Gas Emissions from Coastal Wetlands in Central Coast, California: Patterns and Mechanisms	1	\$2,600
<i>Environmental Defense Center</i>	Goleta Watershed Protection and Creek Clean-up Program	1	\$2,200
<i>Cheadle Center for Biological and Ecological Restoration</i>	Restoration Intern Training Program Winter and Spring 2016	6	\$4,500
<i>Cheadle Center for Biological and Ecological Restoration</i>	Kids in Nature Environmental Education Program	8	\$3,000
<i>MERITO Foundation, Inc.</i>	LiMPETS (Long-term Monitoring Program and Experimental Training for Students)	4	\$2,050
<i>Cheadle Center for Biological and Ecological Restoration</i>	Experimental Trail for North Campus Open Space Restoration Project	2	\$750
<i>Marine Science Institute</i>	The Effects of the Refugio Oil Spill on Phytoplankton in the Santa Barbara Channel	1	\$750
<i>South Coast Habitat Restoration</i>	Watershed Restoration Internship	4	\$3,080
<i>Get Oil Out!</i>	Get Oil Out! Education and Legal Fund (GELF)	1	\$660
<i>Fairview Gardens</i>	Fairview Gardens Farm Education Internships	2	\$750
<i>Marine Science Institute</i>	Community HAB's Monitoring Program	2	\$750
<i>Marine Science Institute</i>	Phragmites Australis Rhizome Reproduction	2	\$750

**TOTAL FALL INTERNSHIPS FUNDED: \$44,140, 16 ORGANIZATIONS**

## WINTER INTERNSHIPS

ORGANIZATION	PROJECT NAME	# INTERNS FUNDED	FUNDING
<i>Department of Earth Science &amp; Geography</i>	The Impact of Sea-Level Rise on Coastal Erosion at UCSB: Using the Coming 2015-2016 El Nino as a Surrogate for 50-100 years of Expected Sea-Level Rise	6	\$4,680
<i>Los Padres Forest Watch</i>	Wilderness, Wildlife, and Watersheds	2	\$2,000
<i>Santa Barbara County Trails Council</i>	Ellwood Mesa Coastal Trail and Habitat Restoration Project	1	\$690
<i>Cheadle Center for Biological and Ecological Restoration</i>	Coastal Habitat Arthropod Sampling and Collection Project	4	\$3,000
<i>Cheadle Center for Biological and Ecological Restoration</i>	UCSB Campus Lagoon- Continuing Multifaceted Restoration Efforts	2	\$5,060
<i>UCSB Carsey-Wolf Center</i>	GreenScreen Environmental Media Program	1	\$1,200
<i>Environmental Defense Center</i>	Protecting California's Central Coast from the Risks and Impacts of Oil Development	1	\$2,400
<i>Earth Research Institute</i>	Determining the Ocean's Role in the Distribution of Beach Trash	1	\$3,300
<i>Marine Science Institute</i>	The Use of Novel Water Sampling Systems to Study Nutrient Dynamics and Human Impacts on Santa Barbara Coastal Kelp Forests	3	\$1,125
<i>Cheadle Center for Biological and Ecological Restoration</i>	Promotion and Outreach for CCBER	1	\$375
<i>Fairview Gardens</i>	Farm Internships	2	\$750
<i>Bren School of Environmental Science and Management</i>	Resurvey of the California Rock Crab Fishery: A Data Limited Fisheries Case Study	2	\$968
<i>Department of Geography</i>	Impacts of Coastal Fishing on Food Security, Community Health, and Conservation in Santa Barbara County	2	\$750
<i>Audubon Society</i>	Dune Swale Pond Buffer Fire Recovery Project	2	\$750
<i>Fairview Gardens</i>	Farm Education Internships	2	\$750
<i>Cheadle Center for Biological and Ecological Restoration</i>	Lupinus Nipomensis Outplanting Soil Analysis	1	\$375
<i>Marine Science Institute</i>	Santa Barbara's HAB'S Monitoring Network	1	\$375

**TOTAL WINTER INTERNSHIPS FUNDED: \$28,548, 17 ORGANIZATIONS**

## SPRING INTERNSHIPS

ORGANIZATION	PROJECT NAME	# INTERNS FUNDED	FUNDING
<i>Environmental Defense Center</i>	Goleta Watershed and Sensitive Habitat Protection and Education Project	1	\$1,200
<i>CCBER</i>	Digitization of the CCBER California Algae Herbarium: Using Collection Data to Track Changes in the Algae Population in the California Coast	6	\$2,250
<i>Santa Barbara ChannelKeeper</i>	MPA Watch Internship Program	2	\$3,300
<i>Coal Oil Point Reserve</i>	Internships and Additional Funding Support for Conservation, Education, and Restoration Programs for Summer and Fall 2016	24	\$9,465
<i>Fairview Gardens</i>	Farming and Farm Education Internships	8	\$3,000
<i>Isla Vista Recreation &amp; Parks District</i>	Adopt-A-Block	2	\$4,696
<i>Santa Barbara Audubon Society</i>	Dune Swale Pond Buffer Fire Recovery Project	8	\$3,150
<i>Department of Earth Science and Geography</i>	The Impact of Sea-Level Rise on Coastal Erosion at UCSB: Using the Coming 2015-2016 El Nino as a Surrogate for 50-100 Years of Expected Sea-Level Rise	6	\$4,680
<i>Your Children's Trees</i>	Coal Oil Point Oak Woodland Maintenance	12	\$4,500
<i>Marine Science Institute</i>	Harmful Algal Blooms of the Santa Barbara Channel: Increasing Awareness Through Monitoring, Research and Outreach	3	\$3,000
<i>Reef Check California</i>	Reef Check Foundation	2	\$2,750
<i>CCBER</i>	Restoration Interns	2	\$750
<i>CCBER</i>	CCBER Lichen Collection Internship for UCSB Undergraduates	2	\$750
<i>Bren School of Environmental Science and Management</i>	Resurvey of the California Rock Crab Fishery: A Data Limited Fisheries Case Study	2	\$875
<i>CCBER</i>	Promotion and Outreach for CCBER	2	\$750
<i>Ecology, Evolution, and Marine Biology Department</i>	Maternal Effect in Lupinus Succulent and Lupinus Bicolor	2	\$750
<i>Ecology, Evolution, and Marine Biology Department</i>	Fire's Effect on the Flowering Rates in Dichelostemma Capitatum	1	\$770
<i>Marine Science Institute</i>	Beach Consumer Diversity Enhances Consumption of Kelp Wrack	1	\$375

**TOTAL SPRING INTERNSHIPS FUNDED: \$47,011, 18 ORGANIZATIONS**

**TOTAL 2015-16 INTERNSHIPS FUNDED: \$119,699, 51 ORGANIZATIONS**



# ***2015-16 COASTAL FUND ANNUAL REPORT***





**WWW.COASTALFUND.ORG**  
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Coastal Fund

Associated Students

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**COASTAL FUND**  
UC SANTA BARBARA  
ASSOCIATED STUDENTS



Winter Photo Contest Winner  
Photo by: Hope Curran

