



ASSOCIATED STUDENTS COASTAL FUND ANNUAL REPORT



OUR 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.

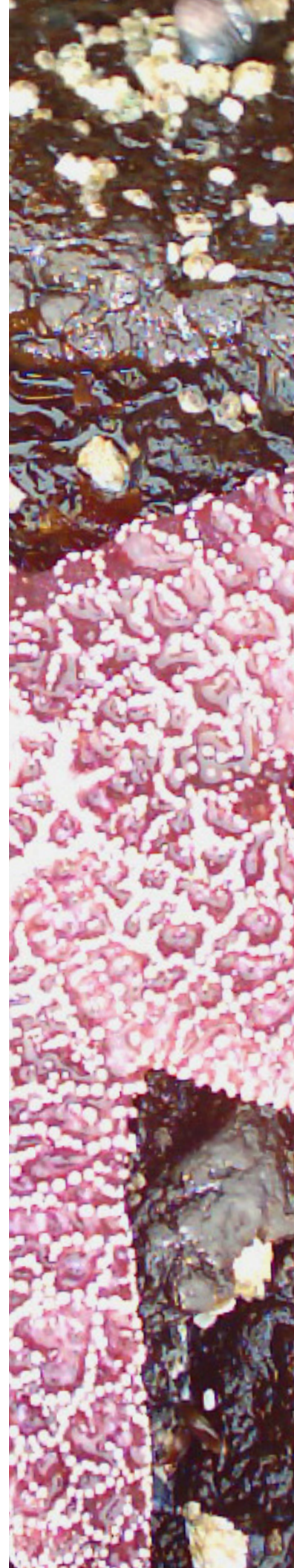
RESTORATION Understanding that past human activity has negatively affected the environment, CF understands that restoration of habitat is critical to maintain natural and healthy ecosystems.

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 through preservation, education, open access, research, and restoration. Through a lock-in fee every quarter, each undergraduate student pays \$5.75 and each graduate student pays \$2.75 per quarter towards Coastal Fund. The fee generates approximately \$330,000 annually, providing funds to Coastal Fund's grant program, the Coastal Service Program, and outreach-education activities.



NOW IN ITS 16TH YEAR, COASTAL FUND IS STILL A STRONG SUPPORTER OF PROJECTS THAT PROTECT & ENHANCE OUR LOCAL COASTLINE. SINCE THE INCEPTION IN FALL OF 1999, COASTAL FUND HAS GRANTED ALMOST \$3.3 MILLION TO 564 PROJECTS



COMMITTEE

The 2014-2015 Coastal Fun committee was comprised of:



BOARD

Gad Girling, Chair

Jack Morrow, Vice Chair (Spring)

Samantha Fulgham, Undergraduate Representative

Sara Rosenblatt, Undergraduate Representative

Evan Perlman, Undergraduate Representative (Fall and Winter)

Lauren Croshaw, Undergraduate Representative (Spring)

Daniel Ellis, Graduate Representative (Spring)

Hilary Walecka, Graduate Representative (Fall and Winter)

Ryan Fass, Undergraduate Representative (Fall and Winter)

Jonathan Rothschild, Senate Representative

STAFF

Aaron Jones, Advisor

Sarah Siedschlag, Advisor

Omead Poure, Administrative Assistant

Matthew Mills, Coastal Service Program Coordinator

Kylie Taylor, Education and Outreach Coordinator (Fall and Winter)

Kevin Lu, Education and Outreach Coordinator

Emily Rogers, Education and Outreach Coordinator

Emma Johnson, Education and Outreach Coordinator

APPLICATIONS

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 UCSB coastline. Applications are accepted in three cycles: Fall, Winter, and Spring quarters.

In 2013-2014, Coastal Fund received 49 applications. Complete descriptions of funded projects & internships can be found on the Coastal Fund website:

<http://www.coastalfund.org/>



Projects Funded '14-'15



COASTAL SERVICE PROGRAM

The Coastal Service Program (CSP) offers campus organizations an opportunity to raise funds for their group by giving an hour or two of their time to do a beach or street clean-up, or work on a restoration project. 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 2014-2015 school year, Coastal Fund hosted 13 beach and street clean-ups, and 40 restoration projects. We awarded \$8,300 to 52 different groups. A total of 588 students participated in the program and they collectively removed 390 pounds of trash from our local beaches.

OUTREACH & 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 campus organizations as well as other organizations in the community that are working hard to protect and preserve our beautiful environment and coastline.

EVENTS!

Week of Welcome September 2014

Pardall Carnival October 2014

Halloclean Event October 2014

Sunset Beach Clean Up February 2015

Annual Winter Quarter Photo Contest
February 2015

Santa Barbara Earth Day April 2015

Farmer's Market Tabling May 2015

Annual Coastal Fund Gala May 2015

CO - SPONSERSHIPS

Adopt-a-Block HaloClean

Los Padres Forestwatch: 10th Anniversary Celebration

Environmental Defense Center: Green and Blue Event

Santa Barbara Channel Keepers: Blue Water Ball

Los Padres Forestwatch: Ojai Wild

Cheadle Center for Biodiversity and Ecological Restoration: Kids in Nature Celebration Days

Channel Island Cetacean Research Unit: An Event of Appreciation and Ocean Awareness

Environmental Defense Center: TGIF

Isla Vista Surfrider: Concert for the Coast

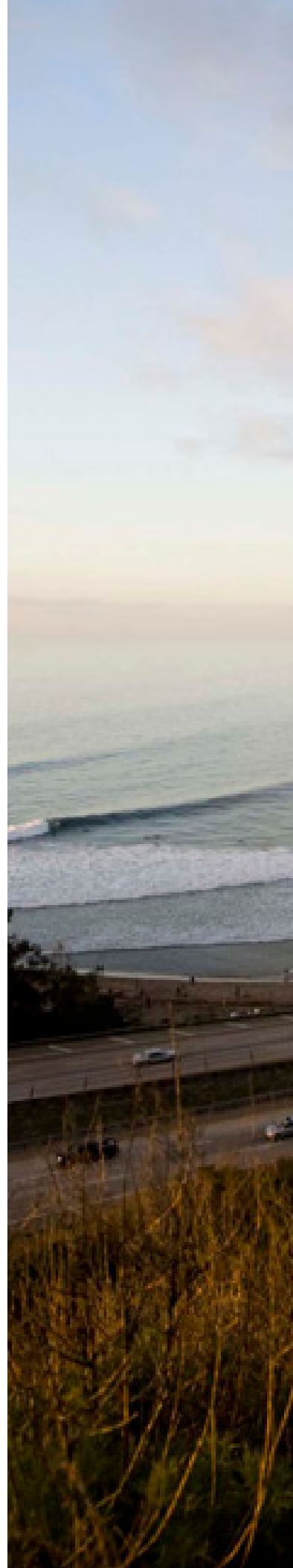
LISTSERV DISTRIBUTIONS

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, Surfrider, and our own.



ANNUAL GALA

On May 31, 2015, Coastal Fund held its 15th Annual Gala. All organizations, individuals and UCSB students funded by Coastal Fund since its inception were invited to celebrate. The event allowed people to share the successes and general accomplishments achieved through Coastal Fund funded projects, the Coastal Service Program, and outreach-education activities. We highlighted the Biacoustics of UCSB, the Goleta Valley Agricultural program, and the MSI Seabass Research.





PROJECTS FUNDED

FALL FUNDING

**COAL OIL POINT RESERVE NATURAL HISTORY DOCUMENTARY:
*A HAVEN OF WILDERNESS IN URBAN SANTA BARBARA***

Coal Oil Point \$880.00

CETACEAN HEALTH MONITORING

CIRCU \$1,125.00

**INTERNSHIPS AND ADDITIONAL FUNDING SUPPORT FOR
CONSERVATION, EDUCATION, AND RESTORATION PROGRAMS:
WINTER AND SPRING 2015**

Coal Oil Point Reserve \$15,000.00

**KIDS IN NATURE PEER-TO-PEER ENVIRONMENTAL
EDUCATION PROGRAM**

Cheadle Center for Biodiversity and Ecological Restoration \$2,634.00

UCSB CAMPUS LAGOON RESTORATION EFFORTS

CCBER \$4,600.00

**RESTORATION INTERN TRAINING PROGRAM:
WINTER AND SPRING 2015**

Cheadle Center for Biodiversity and Ecological Restoration \$4,500.00

**PHYSIOLOGICAL DRIVERS OF TOXICITY IN THE HARMFUL
DIATOM, PSEUDO-NITZSCHIA IN RESPONSE TO SILICON
AND IRON LIMITATIONS**

MSI \$5,550.00

WATERSHED RESTORATION INTERNSHIP

South Coast Habitat Restoration (SCHR), a project of the Earth Island Institute \$3,200.00

CORONADO BUTTERFLY PRESERVE REVITALIZATION PROJECT

The Land Trust for Santa Barbara County \$2,000.00

**USING MICROBIAL INDICATORS TO ASSESS THE BIOLOGICAL
INTEGRITY OF STORM WATER WETLANDS AND BIOSWALES**

Earth Research Institute \$4,885.15

DUNE SWALE POND BUFFER FIRE RECOVERY PROJECT

Santa Barbara Audobon Society \$3,550.00

GRAY WHALES COUNT

Gray Whales Count \$3,800.00

**ASSESSING THE POTENTIAL FOR SPREAD OF PERENNIAL
RHIZOMES IN SALINE**

MSI \$1,300.00

**ECOLOGICAL AND ECONOMIC FEASIBILITY STUDY FOR
A SUSTAINABLE COASTAL DEVELOPMENT AT DEVEREUX**

Sama Group \$1,500.00

FALL FUNDING

MOBILEREEF PROGRAM, INTERN TRAINING AND TEACHER PROFESSIONAL DEVELOPMENT

MSI \$15,160.00

BIOACOUSTICS OF UCSB/SOUNDS OF CAMPUS WILDLIFE

Cheadle Center for Biodiversity and Ecological Restoration \$2,150.00

LIMPETS (LONG-TERM MONITORING PROGRAM OF EXPERIENTIAL TRAINING FOR STUDENTS)

Channel Islands National Marine Sanctuary \$5,500.00

WEST STORKE WETLAND RESTORATION ENHANCEMENT

CCBER \$4,600.00

SENSOR DEPLOYMENTS IN KELP FORESTS—MEASURING CARBON DIOXIDE AND OXYGEN LEVELS TO ASSESS THE IMPACTS OF A CHANGING OCEAN

Hofmann Lab, MSI \$1,414.00

BAITED REMOTE UNDERWATER VIDEO FOR MONITORING AND CITIZEN SCIENCE IN THE SANTA BARBARA CHANNEL

MSI \$4,260.00

COAL OIL POINT COASTAL LIVE OAK TREE PLANTINGS AND INDIVIDUAL RESEARCH PROJECTS

Your Children's Trees at UCSB \$2,019.60

EVALUATING ECOLOGICAL FUNCTION OF URBANIZED SANDY BEACH ECOSYSTEMS

MSI \$1,980.00

EFFECT OF COMPOST APPLICATION RATE ON SOIL CARBON AND NITROGEN CYCLING: BIOGEOCHEMICAL MECHANISMS AND GREENHOUSE GAS POLICY IMPLICATIONS

UCSB Department of Geography \$4,319.23

DETECTING AFRICAN CLAWED FROGS AND NATIVE AMPHIBIANS THROUGH ENVIRONMENTAL DNA

Ecology, Evolution, and Marine Biology \$2,882.44

ENHANCING VISITOR EXPERIENCE ALONG THE GAVIOTA COAST CAMPAIGN

Santa Barbara County Trails Council \$4,200.00

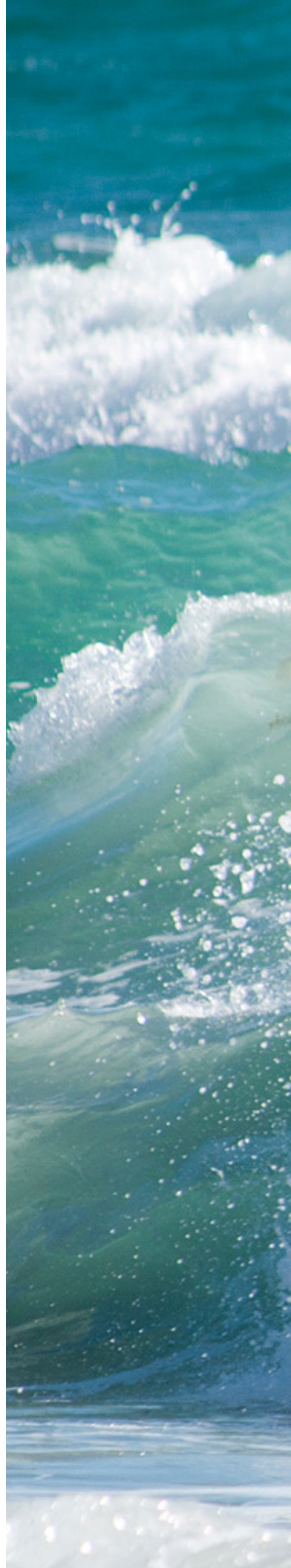
COASTSOCIAL: AN INTERACTIVE COASTAL MAPPING AND EDUCATION APPLICATION

Space & Time for Knowledge Organization Lab / Department of Geography \$674.00

COUPLING INTERACTIONS OF PCO2 AND TRACE METALS ON PSEUDO-NITZSCHIA IN THE SANTA BARBARA CHANNEL

In collaboration with Carrie Culver - Sea Grant (P.I. Biotoxin Monitoring Program) \$700.00

Fairview Gardens, Center for Urban Agriculture \$750.00





FALL FUNDING CONT'D

THE ORIGIN OF HYBRID PHRAGMITIES AUSTRALIS HAPLOTYPES

MSI

\$750.00

TOTAL FALL FUNDING \$105,883.42

WINTER FUNDING

USING CITIZEN SCIENTISTS TO ASSESS THE POPULATION AND BEHAVIOR OF THE SEVERELY OVERFISHED GIAN SEA BASS (STEREOIEPIS GIGAS) IN SOUTHERN CALIFORNIA

MSI

\$7,924.00

GREENSCREEN ENVIRONMENTAL MEDIA PROGRAM

Carsey-Wolf Center

\$3,050.00

GOLETA VALLEY AGRICULTURAL LAND PROTECTION PROGRAM

EDC

\$5,875.00

ECOLOGICAL AND ECONOMIC FEASIBILITY STUDY FOR A SUSTAINABLE COASTAL DEVELOPMENT AT DEVEREUX

Sama Group

\$7,522.00

ISLA VISTA TRASH CANS

IVRPD

\$3,180.00

WILDERNESS, WILDLIFE, AND WATERSHEDS

Los Padres ForestWatch

\$3,440.88

GOLETA VALLEY WATERSHED CHAPARRAL PROTECTION PROGRAM

Santa Barbara Urban Creeks Council

\$9,520.00

ADOPT-A-BLOCK NO BUTTS PROJECT

Isla Vista Recreation and Park District

\$185.33

FAIRVIEW GARDENS SPRING FARM EDUCATION INTERNSHIPS

Fairview Gardens, Center for Urban Agriculture

\$950.00

SANTA BARBARA HAB'S NETWORK

MSI

\$1,230.00

TOTAL WINTER FUNDING \$42,877.2

SPRING FUNDING

COAL OIL POINT RESERVE: INTERNSHIPS AND ADDITIONAL FUNDING FOR CONSERVATION, EDUCATION, AND RESTORATION PROGRAMS: SUMMER AND FALL 2015

Coal Oil Point Reserve

\$10,250.00

RETHINK THE DRINK

Community Environmental Council

\$3,880.00

SPRING FUNDING CONT'D

ADOPT-A-BLOCK

Isla Vista Recreation and Park District

\$4,586.00

MPA WATCH INTERNSHIP

Santa Barbara Channelkeeper

\$2,900.00

DUNE SWALE POND BUFFER FIRE RECOVERY PROJECT

Santa Barbara Audubon Society

\$3,304.00

DEVELOP A MASTER PLAN FOR A SUSTAINABLE LIVING RESEARCH VILLAGE AT DEVEREUX

Sama Group

\$7,333.00

REEF CHECK CALIFORNIA

Reef Check Foundation

\$13,000.00

KIDS IN NATURE PEER-TO-PEER ENVIRONMENTAL EDUCATION PROGRAM

CCBER

\$19,670.00

BALANCING THE NEEDS OF WHALES, HUMANS, AND SHIPS IN THE SANTA BARBARA CHANNEL

EDC

\$11,300.00

FOSTERING A LIFELONG FASCINATION WITH NATURE

NatureTrack Foundation

\$12,500.00

RESTORATION INTERN TRAINING PROGRAM: SUMMER AND FALL 2015

CCBER

\$4,500.00

TECHNICAL SUPPORT GRANT

CCBER

\$5,500.00

LOCAL GENOTYPE EDUCATION PROGRAM

CCBER

\$6,825.00

OCEANS TO CLASSROOMS: REEF INTERNSHIPS

MSI

\$10,180.00

WATERSHED RESTORATION INTERNSHIP

SCHR

\$3,865.00

BAITED REMOTE UNDERWATER VIDEO FOR MONITORING AND CITIZEN SCIENCE IN CALIFORNIA

MSI

\$5,950.00

FAIRVIEW GARDENS SUMMER FARM EDUCATION INTERNSHIPS

Fairview Gardens, Center for Urban Agriculture

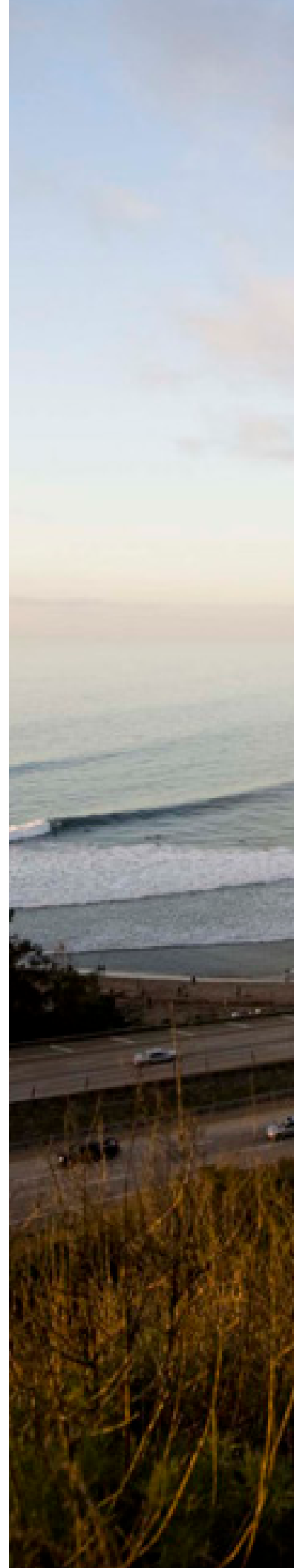
\$950

BIOACOUSTICS OF UCSB/SOUNDS OF CAMPUS WILDLIFE

CCBER

\$1,020

TOTAL SPRING FUNDING \$127,513



FUNDED INTERNSHIPS 2014-2015

Organization	Project Name	Number of Interns/ Student Workers	Total Funding
FALL 2014			
CIRCU	Cetacean Health Monitoring	3	\$1,125
COAL OIL POINT RESERVE	Internships and additional funding support for conservation, education, and restoration programs: Winter 2015/Spring 2015	28	\$10,500
CCBER	Kids In Nature Peer-to-Peer Environmental Education Program	6	\$2,250
CCBER	Restoration Intern Training Program Winter and Spring 2015	6	\$4,500
MSI	Physiological drivers of toxicity in the harmful diatom, <i>Pseudo-nitzschia</i> in response to silicon and iron limitations	1	\$750
SCHR (Earth Island Institute)	Watershed Restoration Internship	2	\$3,200
THE LAND TRUST FOR S. B. COUNTY	Coronado Butterfly Preserve Revitalization Project	1	\$2,000
S. B. AUDOBON SOCIETY	Dune Swale Pond Buffer Fire Recovery Project	4	\$3,150
GRAY WHALES COUNT	Gray Whales Count	10	\$3,800
MSI	Assessing the potential for spread of perennial rhizomes in saline	8	\$1,300
SAMA GROUP	Ecological and Economic Feasibility Study for a Sustainable Coastal Development at Devereux	4	\$1,500
MSI	MobileREEF Program, Intern Training and Teacher Professional Development	18	\$13,650
CCBER	Bioacoustics of UCSB/ Sounds of Campus Wildlife	2	\$750
C. ISLANDS NATIONAL MARINE SANCTUARY	LIMPETS (Long-Term Monitoring Program of Experiential Training for Students)	2	\$1,500
MSI	Baited Remote Underwater Video for Monitoring & Citizen Science in the Santa Barbara Channel	1	\$2,400
MSI	Evaluating ecological function of urbanized sandy beach ecosystems	2	\$1,500
UCSB DEPARTMENT OF GEOGRAPHY	Effect of Compost Application Rate on Soil Carbon and Nitrogen Cycling: Biogeochemical Mechanisms and Greenhouse Gas Policy Implications	2	\$750
SPACE & TIME FOR KNOWLEDGE / DEPARTMENT OF GEOGRAPHY	CoastSocial: An Interactive Coastal Mapping and Education Application	4	\$624
FAIRVIEW GARDENS: CENTER FOR URBAN AGRICULTURE	MobileREEF Program, Intern Training and Teacher Professional Development	2	\$750
MSI	The Origin of Hybrid <i>Phragmites australis</i> Haplotypes	2	\$750
TOTAL FALL 2014			\$63,659
WINTER 2014			
MSI	Using Citizen Scientists to Assess the Population & behavior of the Severely Overfished Giant Sea Bass (<i>Stereolepis gigas</i>) In Southern California	2	\$4,224
CARSEY-WOLF CENTER	GreenScreen Environmental Media Program	1	\$550
EDC	Goleta Valley Agricultural Land Protection Program	1	\$825
SAMA GROUP	Ecological and Economic Feasibility Study for a Sustainable Coastal Development at Devereux	6	\$4,800
LOS PADRES FORESTWATCH	Wilderness, Wildlife, and Watersheds	2	\$1,500
SANTA BARBARA URBAN CREEKS COUNCIL	Goleta Valley Watershed Chaparral Protection Program	1	\$1,100
FAIRVIEW GARDENS: CENTER FOR URBAN AGRICULTURE	Fairview Gardens Spring Farm Education Internships	2	\$750
MSI	Santa Barbara HAB's Network	2	\$750
TOTAL WINTER 2014			\$13,509

FUNDED INTERNSHIPS 2014-2015

Organization	Project Name	Number of Interns/ Student Workers	Total Funding
SPRING 2015			
COAL OIL POINT RESERVE	Coal Oil Point Reserve: Internships and additional funding for conservation, education, and restoration programs: Summer 2015/Fall 2015	25	\$9,375
ISLA VISTA RECREATION & PARK DISTRICT	Adopt-A-Block	2	\$4,586
SANTA BARBARA CHANNELKEEPER	MPA Watch Internship	4	\$1,950
S. B. AUDOBON SOCIETY	Dune Swale Pond Buffer Fire Recovery Project	8	\$2,904
SAMA GROUP	Develop a Master Plan for a Sustainable Living Research Village at Devereux	4	\$3,600
REEF CHECK FOUNDATION	Reef Check California	1	\$1,300
CCBER	Kids in Nature Peer-to-Peer Environmental Education Program	10	\$3,750
EDC	Balancing the needs of whales, humans, and ships in the Santa Barbara Channel	1	\$1,800
CCBER	Restoration Intern Training Program Summer & Fall 2015	6	\$4,500
MSI	Oceans to Classrooms: REEF Internships	6	\$8,580
SCHR	Watershed Restoration Internship	2	\$3,520
MSI	Baited Remote Underwater Video for Monitoring and Citizen Science in California	2	\$2,200
FAIRVIEW GARDENS: CENTER FOR URBAN AGRICULTURE	Fairview Gardens Summer Farm Education Internships	2	\$750
CCBER	Bioacoustics of UCSB/Sounds of Campus Wildlife	1	\$375
TOTAL SPRING 2015			\$49,190



coastal fund 2015





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