## Coastal Fund Summary of Grants

## Associated Students

11/22/2016, Tuesday 6 PM

Nati Conference Room

**CALL TO ORDER at 5:55pm by Delaney Archer, minutes taken by Annalise Di Santo**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Note:  absent (excused/not excused)  arrived late (time)  departed early (time)  proxy (full name) | Name | Note:  absent (excused/not excused)  arrived late (time)  departed early (time)  proxy (full name) |
| Delaney Archer  Chair | Present | Courtney Thomas  Graduate Student Rep | Present |
| Stephen Fetterly  Co-Chair | Present | Alejandra Posada  Outreach Coordinator | Present (arrived late, departed early, excused) |
| Linn Bumpers  Undergraduate Rep | Present | (Vacant)  Outreach Coordinator | Present |
| Daniel Charette  Undergraduate Rep | Present | Annalise DiSanto  Administrative Assist | Present |
| Tristen Thron  Undergraduate Rep | Present | Alex Giolito  Senate Liaison | Absent (excused) |
| Isabella Marill  Graduate Student Rep | Present | Sarah Siedschlag  Advisor | Present |

1. **COMMITTEE BUSINESS**
2. **Approval of Attendance and Proxies**

*MOTION/SECOND: Delaney/Stephen*

*Motion language: Motion to approve the attendance on November 22nd*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **Approval of Minutes**

*MOTION/SECOND: Delaney/Bella*

*Motion language: Motion to approve the minutes from November 15th*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **PUBLIC FORUM**
2. **REPORTS**
   1. **Advisor Report: Siedschlag**
   2. **Chair Report: Archer**
   3. **Senate Report**
   4. **Administrative Report: Di Santo**
   5. **Coastal Service Program Report: Di Santo**
   6. **Outreach and Education Report: Posada**

* Gala venues
* Condor Express cruise – would be very fun and cheaper than Maritime Museum
  + Might look bad to AS (using funds for a cruise)
* Chase Palm Park Center – June 4th
  + Very nice venue, has outside patio
  + $1,400 plus $600 deposit
  + Have Velcro walls – could put posters all over it

*MOTION/SECOND: Thron/Bella*

*Motion language: Motion to approve $2,015 dollars for Chase Palm Park Center for annual Coastal Fund Gala*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

* 1. **Sub-Committee Reports**

1. **AGENDA**
2. **Approval of Agenda/Additions to Agenda**

*MOTION/SECOND: Delaney/Tristen*

*Motion language: Motion to approve the agenda and additions to the agenda*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **PROJECT REVIEW**

**Project Title: Fall 16-12: Anacapa Island Restoration**

**Sponsoring Organization: Channel Islands Restoration (CIR)**

**Presenter Name:**

Sumary: Channel Islands Restoration (CIR) will use the funds to propagate 5,000 native plants on Anacapa Island. The plants will be used to restore nesting habitat for rare seabirds such as Scripp’s murrelets (one of the world’s rarest seabirds) and ashy storm-petrels (a California Species of Special Concern) and to restore critical nesting habitat for brown pelicans and western gulls.

The CIR Nursery Manager and/or the CIR Nursery Technician will make 44 trips to the island in 2017 with up to 6 UCSB students per trip. CIR staff and UCSB students will grow and care for the plants in the nursery, including planting new seeds, weeding, and watering plants. The students will learn about the biology of Anacapa Island while they are there. The students will be recruited from UCSB’s Cheadle Center for Biodiversity and Ecological

Restoration and other students interested in plant propagation, habitat restoration and island biology.

Six students will travel to Anacapa Island each Wednesday during 44 weeks in 2017. Three of the six students will be paid interns who can commit to all 44 trips to the island over the course of one year. The other three students will be individuals who are eager to learn plant propagation skills and biology on the island but are unable to commit to all 44 trips. Altogether, the project will provide 264 trip opportunities (44 trips with 6 UCSB students on each trip). Assuming several students will go on more than one trip, the project will provide educational opportunities for between 100 and 200 students over the course of 44 trips to Anacapa Island (6 students per trip).

Presentation Notes:

* Channel Islands Restoration – work on mainland and Channel Islands
* Project on Anacapa Island – closest to Ventura
* Iceplant was introduced by the coast guard in the 1930s – took over most of the island
  + Removed the native plants that habitat there
  + Sea birds nest underneath shrubs, but now don’t have a protective place to nest
  + Rats also introduced 🡪 prey on eggs
* Project geared to grow plants to provide nesting space and protection for these birds
  + 99% of lives are in the ocean, but critical nesting period is on land
  + Grant would go towards planting on the east end
  + Save endangered species
* Built nursery on island, so far have planted over 50,000 plants
* UCSB interns would be working in this greenhouse – guided by nursery manager and technician – great teachers
* Budget off by $800

Board Questions:

* What happened to previous funding?
  + Park service doesn’t have a large budget right now, had to fundraise separately
  + No more funding
* How many plants would be needed to restore the area?
  + Maybe 100,000 – a lot
* Do you know how much time this would take before it is at a sustainable place?
  + 5,000 plants in greenhouse at one time
  + 5,000 plants in a year
  + Once planted, it would take about 1-2 years of irrigating and weeding before established
  + Long term, would take 50-100 years (also need lots of money that they don’t have)
* What is the success of the plants that have been planted so far?
  + 80-85% successful – pretty good
* How will you monitor success?
  + Keep a detailed log of seedlings and survival stages
  + Number of students, repeat students, total number of trips/hours
  + Teaching some ecology of the island – describe topics covered
* When the project was going before, were there UCSB students involved?
  + Past year has been staff and volunteers
* Is it unnecessary for the nursery manager to go on all the trips (only going on half)?
  + Strictly because of cost
  + Some flexibility there
* Did you say that there was a budgetary thing you wanted to change?
  + Total of non-intern plus intern section = 69,278
  + 800 more than total on application
* How will you be selecting the students? Is there any cost to them?
  + Vision: 6 students can go at a time, and there are 44 trips
  + 3 students who would do every trip
  + Don’t want to exclude students who can’t commit to those trips
  + 3 each time who go out once or twice
  + University doesn’t give you units if you are getting paid
  + Whatever is better for the students!
  + Recruit from CCBER
* When are the trips?
  + Every Wednesday, all day
* Has Channel Islands Restoration ever done a project at this scale?
  + Have done huge projects before – on San Nicolas Island have 11,000 plants growing
  + Have done 8-15 students at a time and large volunteer groups ~500
* In the budget, what is under overhead?
  + Rent, insurance, bookkeeper’s time
  + Standard percentage
* If the amount is too large, they could do a smaller project
  + Half the amount of time (30 trips?)
  + Can cut it down
* Would you prefer to make proportional cuts?
  + Would make more sense to fund a dollar amount and then come up with appropriate line items
  + Yes
  + Biggest items are volunteer coordinator, nursery manager/technician

**Project Title: Fall 16-15: Understanding Dissolved Oxygen and pH Level Variability in the Santa Barbara Channel**

**Sponsoring Organization: UCSB Marine Science Institute (MSI)**

**Presenter Name: Brett McKim**

Summary: Ocean acidification (OA) and hypoxia (low oxygen levels) are emerging threats to coastal ocean ecosystems. We propose to use and analyze existing pH and dissolved oxygen observations to quantify OA variability in the Santa Barbara Channel. Continuous measurements of pH and dissolved oxygen levels have been recorded in recent years in the channel. This will be the first study to examine the role of wind-driven, poleward flow events (described below), in controlling the pH and oxygen variability in coastal ecosystems. Since these data are already recorded, funding will help pay for hourly internships for 2 undergraduate interns from the UCSB Physics Department to study and analyze these data from January 2017 – June 2017.

Presentation Notes:

* Working with Dr. Washburn in MSI
* Predictive models of ocean acidification are lacking
* Upwelling on CA coast – deep, nutrient waters move up towards the shore
  + This water is oxygen poor (low pH)
  + Stops at Pt. Conception – waters in SB channel are warmer and contain more tropical species than northern waters
  + Differences in species exist on north and south sides of santa cruz island – but very fragile to ocean acidification
* CA mussel – composed of calcium carbonate = affected by acidification (carbonate is basic, so very hard to exist in acidic conditions)
* Opposing currents may be able to change oxygen levels and pH in SB channel
* Goals: quantify changes in pH in SB channel due to currents
  + Ocean currents normally flow counterclockwise in SB channel
  + When wind relaxes, the circulation patters completely changes – waters from SB channel go north and around Pt. Conception – happens every two weeks over summer
  + These events change the water temperature, but do they change pH and oxygen levels? – need to find out for sake of species living in the channel
  + Upwelling is intermittent in channel, so the upwelled water is flowing northward around conception, so could provide refuge for organisms there
* Would study data from coastal sites – most data has already been recorded
* Primary goal: analyze the data that hasn’t been looked at yet
* Funds would go towards internships to analyze the data
* The data is very noisy because of various ocean processes
* Test the hypothesis that poleward flow events have a positive impact on pH and oxygen level changes
* Relevant for coastal management and species conservation

Board Questions:

* Is the data continuing to be collected?
  + Yes, it is part of LTER – continuously recorded
* What kind of supervision does your group have?
  + Meet with Dr. Washburn every week for an hour or two
  + Will have input from him and Dr. Hoffman and others
* How did you both get involved with this research?
  + Took a class with Dr. Washburn
* What type of data analysis/programs will you be using?
  + Matlab, code, spectrum analysis
* Do you anticipate having a conclusion after two quarters?
  + Yes, pretty good hunch
  + Could keep extending this project regarding species effects
* Would this be incorporated into a larger publication by the Washburn group?
  + Yes
* Are there other venues on campus where you could share your work at a conference?
  + Yes – a few conferences and meetings, PISCO
* How would you handle the biological part of the research?
  + Hoffman is doing work with the pH effects on species, so will be in contact with her
  + Not sure of the timescale of that

1. **OLD BUSINESS: FALL 2016 GRANTS**
2. **Fall 15-14 Budget reallocation**

* Comfortable funding aqua pen but not hotel
* Would ask to return the rest of that money

*MOTION/SECOND: Delaney/Tristen*

*Motion language: Motion to approve additional funding for aqua pen taken from nutrient analysis line item for fall 15-14*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-01: Restoration Intern Training Program Winter and Spring 2017**

**Department: Cheadle Center of Biological and Ecological Restoration (CCBER)**

Approved Budget:

* 6 undergraduate internships per quarter for 2 quarters ($375 per internship) = $4,500

Board Decision Summary:

*MOTION/SECOND: Daniel/Courtney*

*Motion language: Motion to fund fall 16-01 in full for $4,500*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-02: Coastal Biodiversity, Ecology and Restoration Research and Monitoring**

**Department: Cheadle Center of Biological and Ecological Restoration (CCBER)**

Approved Budget:

* 3 undergraduate internships per quarter for 2 quarters ($375 per internship) = $2,250
* Staff and supervision 8 hours/week for 24 weeks = $5,962
* Field and laboratory supplies = $400
* Total = $8,612

Board Decision Summary:

* Cut to two thirds (2 quarters long, not 3)

*MOTION/SECOND: Delaney/Daniel*

*Motion language: Motion to fund fall 16-02 for $8,612 with proportional cuts*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-03: Internships and Additional Funding Support for Conservation, Education, and Restoration Programs for Winter and Spring 2017**

**Department: Coal Oil Point Reserve (COPR)**

Approved Budget:

* 10 undergraduate restoration interns (5 winter, 5 spring, $375 per internship) = $3,750
* 16 undergraduate snowy plover docent interns (4 winter, 12 spring, $375 per internship) = $6,000
* 1 undergrad camera trapping intern (2 quarters, $375 per quarter) = $750
* 1 graduate student data management intern ($450 per internship) = $450
* 1 undergrad student data management intern = $375
* 1 undergrad habitat restoration assistant (8 hours/week for 20 weeks, $14/hour) = $2,240
* Fringe benefits for hourly internships = $69.44
* Greenhouse supplies (potting soil, soil amendment) = $150
* Restoration supplies (plant flags, buckets, gloves, hand tools, clippers, solarization plastic) = $100
* Total= $13,884.44

Board Decision Summary:

* Could potentially cut restoration supplies in half
* Education materials could potentially be cut and snacks and independent ad
* Interns are most important part
* Could cut docent interns in winter, but keep the ones for spring (4, 12)
  + Would save ~1,500
* Don’t cut from habitat restoration interns because they already cut down
* Website content intern? – out of coastal fund realm, not really a learning experience
  + Data management interns could handle that responsibility
* Keep restoration interns, cut winter docents from 8 to 4, cut website content, cut restoration supplies to $100, Education materials and snacks to zero, cut independent ad
  + 16/20 docent interns
  + 10 restoration interns
* New total = 13884.44

*MOTION/SECOND: Delaney/Daniel*

*Motion language: Motion to approve Fall 16-03 for the amount of 13,884.44*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-04: Short Film Project from Golf Corse to Wetlands: The Restoration of the Upper Arms of Devereux Slough**

**Department: Cheadle Center of Biological and Ecological Restoration (CCBER)**

Approved Budget:

* 2nd Editor ($20/hour for 40 hours) = $800
* Production Assistants ($11/hour for 15 hours) = $165
* Location Sound Assistant ($11/hour for 15 hours) = $165
* Post-production supervisor = $225
* Color Corrections ($15/hour for 15 hours) = $225
* Writer/Producer/Director = $4,000
* 1st Editor = $1,245
* Cinematography = $1,400
* Camera and sound rental = $1,000
* Total: $9,225

Board Decision Summary:

* Big project, should be documented
* Hard to picture how it will be distributed
* 3 part project – would probably need to pay for it two more times
* In partnership with CCBER
* He is not making money off of it, would be nice for him to be paid if we fund the interns
* Since we are funding part of the restoration project, it would be nice to have our name on the documentation video
* One of the largest scale urban restoration projects on the western side of the USA
* Contact CCBER and put pressure on them to distribute it widely

*MOTION/SECOND: Daniel/Bella*

*Motion language: Motion to approve Fall 16-04 for $9,225*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-05: Kids in Nature Peer-to-Peer Environmental Education Program**

**Department: Cheadle Center of Biological and Ecological Restoration (CCBER)**

Approved Budget:

* 10 undergraduate student internships ($375 per internship) = $5,250
* Bus transportation for UCSB students ($62/trip, 6 trips) = $372
* Bus transportation (125/trip, 10 trips) = $1,250
* KIN Coordinator salary (20%/quarter, 2 quarters) = $10,588
* KIN Assistant Salary (20%/quarter, 2 quarters) = $7,056
* Total: $23,016

Board Decision Summary:

* Haven’t been able to fill spots for past few quarters
* Would like documentation of intern sign-ups
* Cut from 14 interns to 10
* New total: 23,016

*MOTION/SECOND: Bella/Delaney*

*Motion language: Motion to fund Fall 16-05 for $23,016*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-06: Experiment for North Campus Open Space Restoration project**

**Department: CCBER**

Approved Budget:

* 3 undergrad interns for 2 quarters ($375 per intern per quarter) = $2,250
* Laboratory analysis (196 samples, $5 per sample) = $980
* Texture analysis (6 samples, $45 per sample) = $270
* Total: $3,500

Board Decision Summary:

* Straight forward

*MOTION/SECOND: Delaney/Courtney*

*Motion language: Motion to approve fall 16-06 in full for the amount of $3,500*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-07: Spring Break Santa Cruz Island Stewardship Adventure Program**

**Department: Adventure Programs**

Approved Budget:

* None

Board Decision Summary:

* Part of the trip is an adventure, so that makes it exclusive to students who can pay for that portion of the trip
* Dollar per dollar is lower for restoration

*MOTION/SECOND: Daniel/Courtney*

*Motion language: Motion to deny funding to Fall 16-07*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-08: Monitoring coastal change at UCSB: Using remote sensing methods to create a basemap for researchers and the public**

**Department: UCSB Earth Science**

Approved Budget:

* 4 undergrad interns ($13 per hour, 6 hours per week, 8 weeks) = $2,496
* 2 grad student researchers (25% of $4,187 base per month per GSR) = $2,093.5
* Fringe benefits for undergraduate hourly interns = $77.38
* Drone DJI Phantom 3 Professional w/ educational discount and sales tax = $1,000
* Drone battery and propeller guards w/ educational discount and sales tax = $190
* 2 SUAS licenses = $300
* Drone registration = $5
* Agisoft PhotoScan educational software license = $549
* Total: $6,710.88

Board Decision Summary:

* Do we want to pay for their licenses to fly the drones?
  + Students can’t fly it unless they are with someone licensed

*MOTION/SECOND: Delaney/Tristen*

*Motion language: Motion to fund fall 16-08 in full for the amount of $6710.88*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-09: Analysis of the Impact of Terrestrial Land Use on the Santa Barbara Channel**

**Department: EEMB UCSB**

Approved Budget:

* None

Board Decision Summary:

* Very ambitious project, but red flags to project success – the scope of the project would be ongoing 🡪 get more specific
* We appreciate that he was taking this on, but the size of this project is a full thesis
* He wouldn’t be a student
* Had just started the process of finding the right connections. He could probably merge his project with these organizations
* Needs to be a hierarchical organization of duties for interns and mentors

*MOTION/SECOND: Bella/Tristen*

*Motion language: Motion to deny funding for fall 16-09*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-10: T-shirts and Golden Shovel Event**

**Department: Cheadle Center of Biological and Ecological Restoration (CCBER)**

Approved Budget:

* None

Board Decision Summary:

* Not really inviting to the students
* Not appropriate for a grant
* Budget too tight
* For future reference, should apply for a co-sponsorship

*MOTION/SECOND: Tristen/Courtney*

*Motion language: Motion to deny fall 16-10 funding*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-11: Sisters of the Blue**

**Department: UCSB**

Approved Budget:

* Hourly radio show director ($17 per hour for 8 hours per week for 20 weeks, partial funding) = $2,000
* Hourly radio show producer ($15 per hour for 10 hours per week for 20 weeks, partial funding) = $2,000
* Website platform for one year = $50
* Mobile microphone = $35.99
* Total = $4085.99

Board Decision Summary:

* Cut radio website and outreach intern 🡪 project doesn’t hinge on this intern

*MOTION/SECOND: Delaney/Daniel*

*Motion language: Motion to fund fall 16-11 for $4,085.99*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-12: Anacapa Habitat Restoration**

**Department: Channel Islands Restoration**

Approved Budget:

* None

Board Decision Summary:

* Too large in scale for our purposes
* Well-intentioned project but too much money that we don’t have
* Project with no end in sight
* Too long of a scale
* We question if they would be able to get students who could dedicate a year’s worth of Wednesdays

*MOTION/SECOND: Bella/Tristen*

*Motion language: Motion to deny funding to Fall 16-12*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-13: Fully Restoring our Coastal Environment from the Refugio Oil Spill**

**Department: Environmental Defense Center**

Approved Budget:

* 1 intern for $12 per hour for 10 hours per week for 20 weeks = $2400
* Fringe benefits for hourly internship = $74.4
* Staff time for oversight, training, supervision of intern = $1,700
* Staff time for participation in public meetings, developing reports, community engagement, etc. = $5,825.6
* Total = $10,000

Board Decision Summary:

* Start date of project contingent on NRDA release
  + No money should be spent until the NRDA is released
* Funding both an internship and an oil spill project
* Stipulation of emergency funding

*MOTION/SECOND: Delaney/Courtney*

*Motion language: Motion to fund fall 16-13 in full for the amount of ten thousand dollars with the stipulation that funds are not spent until the release of the NRDA*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-14: Detection and Toxicity of Anthropogenic Releases of Nanoparticles to a Marine Environment**

**Department: UCSB**

Approved Budget:

* 1 graduate stipend internship for 2 quarters ($450 per quarter) = $900
* 1 undergraduate stipend internship for 2 quarters ($375 per quarter) = $750
* Scientific diver rental for 3 days at $500/day, 1 day at $800/day = $1800
* Boat rental for 3 days at $50 per day = $150
* Enzymatic assay reagents = $1,000
* ICP-MS solutions and standards = $1,200
* Total = $5,800

Board Decision Summary:

* Don’t want to fund diving cert or diving gear
* If she got intern divers, would she need scientific divers?
* New total: $5,800

*MOTION/SECOND: Bella/Daniel*

*Motion language: Motion to fund fall 16-14 for the amount of 5,800 dollars*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-15: Understanding Dissolved Oxygen and pH Level Variability in the Santa Barbara Channel**

**Department: Marine Science Institute**

Approved Budget:

* 2 interns at $13 per hour for 10 hours per week for 20 weeks = $5,200
* Fringe benefits for hourly interns = $161.20
* Total = $5,361.20

Board Decision Summary:

*MOTION/SECOND: Tristen/Charette*

*Motion language: Motion to approve fall 16-15 in full with a total of $5361.20*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-16: Environmental Studies Department: Enhancement and restoration of southern California native shrublands**

**Department: UCSB Environmental Studies**

Approved Budget:

* 3 undergraduate stipend internships for 2 quarters ($375 per internship per quarter) = $2,250
* 1 intern at $11/hour for 5 hours per week for 20 weeks = $1,100
* Fringe benefits for hourly internships = $34.10
* Total = $3,384.1

Board Decision Summary:

* Restoration project with foreseeable end
* She would be a great mentor
* All or nothing project

*MOTION/SECOND: Courtney/Bella*

*Motion language: Motion to fund fall 16-16 in full for $3384.10*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-17: Farming and Farm Education Internships**

**Department: Fairview Gardens**

Approved Budget:

* 2 farm education undergraduate stipend internships ($375 per internship) = $750
* 4 farming undergraduate stipend internships ($375 per internship) = $1,500
* Supplies for intern independent projects = $600
* Total = $2,850

Board Decision Summary:

* Farming education interns don’t really fit into mission – no direct connection to coast
* New total: $2,850

*MOTION/SECOND: Delaney/Tristen*

*Motion language: Motion to approve fall 16-17 for 2,850 dollars*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-18: SB HAB’s Monitoring network & research centered on how anthropogenic and climactic factors affect the persistence and duration of harmful algal blooms within the Santa Barbara Channel**

**Department: Channel Islands National Marine Sanctuary (NOAA) & Sea Grant**

Approved Budget:

* 1 undergraduate stipend internship for 1 quarter = $375
* 1 undergraduate intern at $12 per hour for 5 hours per week for 20 weeks = $1200
* Fringe benefits for hourly intern = $37.20
* 1 hourly research assistant at $20.63 per hour for 10 hours per week for 20 weeks = $4,126
* Fringe benefits for hourly research assistant = $391.97
* Seawater collection bottles, shipping boxes and shipping fees = $290
* HPLC analysis for DA samples, $12 per sample, 1 sample per site per month for 6 sites and 9 months = $648
* Nutrient sampling, $5 per sample per nutrient, 5 nutrients tested 2 times per month for 5 months = $250
* Hydrometer = $12
* Saltwater thermometer = $10
* Incubator = $750
* Website platform = $50
* Total = $8,140.17

Board Decision Summary:

* Important project, direct relation to health of coast
* All or nothing project

*MOTION/SECOND: Daniel/Courtney*

*Motion language: Motion to fund fall 16-18 for $8,140.17*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-19: Sandy Beach Ecological Field Guide**

**Department: CCBER**

Approved Budget:

* 2 undergraduate stipend internships for 1 quarter ($375 per internship) = $750
* Print costs for 50 books (5x8, 100 color pages, 20 black and white pages) = $912.06
* Professional designer = $4500
* ISBN Purchase = $125
* Barcode Purchase = $80
* Copyright Purchase = $25
* Total = $6392.06

Board Decision Summary:

* Can’t fund internships retroactively
* Problem: $127/book
* $18 to print a book, want to sell books for $15 each to fundraise for CCBER
* Ask them to revise and resubmit this grant next quarter – do more design research
* Extremely expensive per book, and at this printing cost you would never print more books
* Question on who the target audience is
* Would this book circulate and communicate science globally
* Not a time urgent grant – maybe should put the book online

*MOTION/SECOND: Daniel/Delaney*

*Motion language: Motion to deny funding to fall 16-19 for the reasons we talked about*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-20: Gaviota Coast Legal Representation**

**Department: Surfrider Foundation – Santa Barbara**

Approved Budget:

* Attorney time for Gaviota Coast Plan (5 hrs) = $975
* Staff time for Gaviota Coast Plan (8 hrs) = $1,040
* Total = $2,015

Board Decision Summary:

* Fund Gaviota Coast Plan and not fund the other two, with the stipulation that emergency funding is available
* New total: 2,015

*MOTION/SECOND: Bella/Delaney*

*Motion language: Motion to fund fall 16-20 for the amount of $2,015*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-21: Depending Goleta Beach from the Destructive Effects of Coastal Armoring**

**Department: Surfrider Foundation – Santa Barbara**

Approved Budget:

* 1 graduate stipend internship for document preparation for 1 quarter = $450
* 2 undergraduate students at $11 per hour for 40 total hours each for beach usage monitoring = $880
* 2 undergraduate students at $11 per hour for 16 total hours for CCC meeting attendance = $352
* Coastal planning and engineering expert consultation = $1,050
* Total = $2,732

Board Decision Summary:

* Any UCSB student can borrow a camera from the annex
* Another opportunity for emergency grant funding
* New total: $2,732

*MOTION/SECOND: Linn/Courtney*

*Motion language: Motion to fund fall 16-21 for 2,732 dollars*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-22: Campus Native Tree Restoration**

**Department: Your Children’s Trees at UCSB**

Approved Budget:

* 10 undergraduate stipend internships (5 winter, 5 spring, $375 per internship) = $3,750
* 5 bags Hydretain = $432
* 8 bags organic fertilizer = $432
* 50 gallons of fuel for utility truck = $162
* Gopher baskets for 200 trees = $1,512
* 27 cubic yards of compost = $900
* 1 flag and 1 ID tag for 200 trees = $216
* Total = $7,044

Board Decision Summary:

* New total: $7,044

*MOTION/SECOND: Daniel/Tristen*

*Motion language: Motion to fund fall 16-22 for $7,044*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-23: Citizen Scientists for Tidepool Assemblage Research (C-STAR)**

**Department: Santa Barbara Channelkeeper**

Approved Budget:

* 2 interns at $11 per hour for 16 hours each = $350
* Fringe benefits for hourly interns = $11
* Staff time for intern mentoring by SBCK C-STAR Project Manager ($33/hour for wage + benefits, 30 total hours, partial funding) = $350
* Mileage and parking = $30
* Snacks for volunteers = $100
* Supplies (cones, quadrat, meter tape, field guides, clipboards, etc) = $50
* Total = $891

Board Decision Summary:

* Very cool way to get people involved in science

*MOTION/SECOND: Bella/Courtney*

*Motion language: Motion to fund fall 16-23 in full for $891*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-24: Student Scholarship for Dive Safety Program**

**Department: Environmental Health and Safety**

Approved Budget:

* Buoyancy Compensator = $400
* Regulator = $400
* Pressure and depth gauges, dive comp = $200
* Total = $1,000

Board Decision Summary:

* Used everyday in saltwater – lots of wear and tear

*MOTION/SECOND: Daniel/Tristen*

*Motion language: Motion to approve funding for fall 16-24 for $1000*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-25: Student Scholarship for the Dive & Boat Safety Program**

**Department: Environmental Health and Safety**

Approved Budget:

* UCSB Science Dive Course = $400
* Gear rental from Dive Program = $100
* Total = $500

Board Decision Summary:

* Specifically helping a student
* Should meet with CF to discuss ongoing funding possibility

*MOTION/SECOND: Daniel/Bella*

*Motion language: Motion to approve funding for fall 16-25 for $500*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-26: Analysis of Putative Suaeda Species**

**Department: Cheadle Center of Biological and Ecological Restoration (CCBER)**

Approved Budget:

* None

Board Decision Summary:

* Not specific enough
* Doesn’t fit Coastal mission statement

*MOTION/SECOND: Bella/Courtney*

*Motion language: Motion to deny funding for fall 16-26*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-27: Signs of Change**

**Department: UCSB**

Approved Budget:

* None

Board Decision Summary:

* Could possibly be getting funding from URCA
* Alludes that the materials/research will be used at COPR after the project
* Benefit to the coast if two other people are already doing trapping project?
* Better fit for URCA

*MOTION/SECOND: Bella/Daniel*

*Motion language: Motion to deny funding Fall 16-27*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-28: Biosphere Breathing**

**Department: UCSB**

Approved Budget:

* None

Board Decision Summary:

* A mock up is not the final project
* Doesn’t fit the mission

*MOTION/SECOND: Bella/Tristen*

*Motion language: Motion to deny funding for fall 16-28*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **FALL 16-29: Reusable bags and water bottles**

**Department: AS food bank**

Approved Budget:

* None

Board Decision Summary:

* We don’t fund swag

*MOTION/SECOND: Bella/Tristen*

*Motion language: Motion to deny funding for fall 16-29*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **DISCUSSION**
2. **ADJOURNMENT**

*MOTION/SECOND: Delaney/Courtney*

*Motion language: Motion to adjourn the meeting at 11:17pm*

*ACTION: Consent*

*Additional approval required: YES (Senate)*