## ASsquare_logo.tif Coastal Fund Agenda

## Associated Students

Thursday, November 3, Nati Conference Room

**CALL TO ORDER** 6:15pm by Delaney, minutes recorded by Annalise

1. **ATTENDANCE**

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

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

*MOTION/SECOND: Delaney/Thron*

*Motion language: Motion to approve the attendance and proxies*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **Approval of Minutes**

*MOTION/SECOND: Daniel/Thron*

*Motion language: Motion to approve Tuesday’s minutes*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **PUBLIC FORUM**

(Announcements, appreciations, concerns, requests to have items added to agenda)

1. **REPORTS**
	1. **Advisor Report: Siedschlag**
* Answered questions about senate meeting
	1. **Chair Report: Archer**
	2. **Senate Report**
	3. **Administrative Report: Di Santo**
	4. **Coastal Service Program Report: Di Santo**
	5. **Outreach and Education Report: Posada**
	6. **Sub-Committee Reports**
* Delaney updated the by-laws the committee went through
1. **AGENDA**
2. **Approval of Agenda/Additions to Agenda**

*MOTION/SECOND: Bella/Linn*

*Motion language: Motion to approve the agenda for November 3rd and the additions*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **OLD BUSINESS**
2. **(item)**

*MOTION/SECOND: (name)/(name)*

*Motion language:*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **NEW BUSINESS**
2. **Board of Supervisors letter from EDC**
* Needs approval by tomorrow
* Forwarded the e-mail to everyone
* Everyone is ok with signing

*MOTION/SECOND: Bella/Thron*

*Motion language: Motion to sign on to the EDC letter regarding protecting the Gaviota Coast*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **DISCUSSION**
	1. Honoraria
* Wait until Tuesday to submit the form
* Delaney is trying to figure out what to request
1. **PROJECT REVIEW**

Project Title: Fall 16-19 Sandy Beach Ecological Field Guide

Sponsoring Organization: CCBER

Presenter Name: Nicole Datlan and Greg Chism

Summary:

Presentation Notes:

* Most advanced manuals for the sandy beach are underdeveloped and dated
* Not many people know of the extremely diverse network of organisms are on the beach
	+ Would like people to respect the marine life
	+ Researchers could use it as a resource – complete, accurate guide
	+ Need to compile this information somewhere
* Mission: to educate the general public of the sophistication of the sandy beach environment
* Especially important here because it is our backyard
* Would like to fund their own work (2 intern funds)
* Many individuals/groups helping them with this project
* Putting the guide on a website for public domain
* Professional photographer
* Timeline – hope to have final hard copy by July 2017
* Where will the book go?
	+ Collaborating Labs (CCBER, Coal Oil Point, etc.)
	+ Local Organizations (Museum of Natural History, REEF, EEMB classrooms)
	+ More organizations beyond Santa Barbara (California Coastal Conservancy, Amazon, Barnes and Noble, Ecological Society of America)
* The Guide:
	+ Focuses on every organism with full identification on the beach
	+ Photos and measures to identify
	+ Small facts about organisms
	+ Full publication process – professional design and print

Board Questions:

* Are you going to have jobs while you are doing this?
	+ Greg will be in Africa – but most of his work is done – can work while in Africa
	+ Fully committed
	+ Nicole works full-time, but low stress job
	+ Willing to dedicate the time – especially while Greg is in Africa
* Do you know where the funds CCBER received would go to in the future?
	+ Probably for specific restoration projects
	+ Towards preservation and conservation efforts
* When you get an ISBN, then you can sell through amazon?
	+ Yes – need an ISBN to sell on Amazon
	+ It does not expire – lifetime fee
* Do you know how much you will charge for the book?
	+ Planning around 15 dollars per book
* Would all of this information be available online?
	+ Yes – a more condensed version would be online
	+ Small paragraph for each organism with links to field guide
* How did you guys team up?
	+ Both worked under John in lab
	+ Good way to give back their knowledge
* Will they be similar to CCBER plant guides?
	+ Yes, similar to their field guides
* So you’re getting all of the photos and illustrations from other sources, and the designer is just for graphic design?
	+ Yes
	+ Going to be about 120 pages
* Will this be a guide for strictly Santa Barbara or for other places?
	+ Mostly Santa Barbara county
	+ Would be more difficult to go all the way down central coast
* Is the idea for it to be more science-heavy or more user-friendly and accessible?
	+ Started as a capstone project
	+ Easy for everyone to understand, while also presenting scientific information
	+ Presenting all the facts in a way that is both general and informative
	+ Include resources if they want more information on an organism
* What is the design process?
	+ Professional designer - $30/hour for 100 hours over 3 months
	+ Same rate for CCBER’s plant books
* Is most of the funding you requested coming through CCBER?
	+ They are willing to help with the process, but most of the costs will be accounted for in this grant proposal
* Are the people working with you/donating photos hoping to be compensated?
	+ Most of them would not need compensation
	+ One photographer would receive small amounts of compensation
* So you would be selling it?
	+ Yes, for nonprofit purposes – money will go to CCBER

Board Discussion:

* Let’s see if AS can help with the design process
* Would be sponsored by Coastal Fund
* Great concept behind the guide

*MOTION/SECOND: Bella/Delaney*

*Motion language:* Motion to table discussion for application fall 16-19 with cuts to internship stipends and potential cuts to design

*ACTION: Consent*

*Additional approval required: YES (Senate)*

Project Title: Fall 16-22 Your Children’s Trees

Sponsoring Organization: Your Children’s Trees

Presenter Name: Cheryl, Ken, and Beth

Summary:

Presentation Notes:

* Rely on students and volunteers to get 150 trees planted per quarter
* Most of the work is non-profit
* Each event has 10-50 volunteers – done by the community
* Students are able to apply what they learn by volunteering – also learn leadership skills
* Interns contribute to the CF goals – create healthy and safe environment
* Reducing pollution and run-off in ocean with every tree planted
* Planting trees is good for the environment
* Also do programs at local schools – Science Nights
* Partnership between UCSB club and Nonprofit organization
* April 7th – Champion Tree Tour – 15 trees that are the largest in the country

Board Questions:

* How did you two get involved?
	+ Found out about it on list serve
* How many events do you put on per quarter?
	+ Every Saturday (except Holidays)
	+ 4 or 5 science nights at schools
	+ Next term there are 8 science nights
* How many volunteers come out per event?
	+ 10-50
	+ Usually not less than ten
* Are we funding the restoration or education interns?
	+ They are the same thing
	+ Restoration interns will help with restoration but also educate the volunteers
	+ Flexible – they know how to do the grunt work, but the goal is for them to be trainers for the volunteers
* How successful were the cocoons and the tubes?
	+ Tubes were great, but the plants would grow into the netting and wrap around it
	+ Cocoons had about 20% success rate
* How would you cut funding if you had to?
	+ Need the gopher baskets – gophers will destroy the trees without them
* How long after the trees have been planted can they survive on their own?
	+ Depends upon the ground conditions
	+ Growing in heavy clay soil – allows the trees to establish quickly
	+ In sandy conditions – can take two to four years to establish
	+ Must continue the maintenance of the 450 trees they have already planted
	+ Now moving into riparian areas
* What life stage is the tree?
	+ Two gallon pouches – prevent roots from girdling
	+ About 6 months to a year old
	+ For the CCBER project, they are growing about 400 trees in the pouches
* About how many trees get planted per event?
	+ Around 5-10 trees depending on number of volunteers
	+ Coal Oil Point inland section – have to carry all materials hundreds of yards to sites (not an easy site to prepare)
* How many trees do you plant per quarter?
	+ Goal for next two quarters is 150 trees per quarter
	+ Varies based on volunteers and supplies available
	+ Objective is to create an oak woodland area on the Coal Oil Point campus
	+ Now going to start working with CCBER on north parcel for additional planting
* How do you advertise opportunities for volunteers?
	+ List serve, honors list serve
	+ Facebook page and website
	+ Volunteer coordinator – job is to recruit volunteers and contact organizations
* Do your interns usually stay on with you or is it a rotating staff?
	+ Most interns are returning interns – usually serve on the board and move up the ranks of the organization
	+ Generally, most stay about 2 or 3 terms
* We funded ten interns in the past, and now you are asking for 14. Is there an increased need?
	+ Organization is growing, more applications
	+ The more interns = more volunteers = more learning
	+ Historically, there is more interest in the winter term

Board Discussion:

* Would be great to keep supporting YCT because it was a group started by students
* Love to fund these interns

*MOTION/SECOND: Tristen/Thron*

*Motion language: Motion to table fall 16-22 with possible cuts to interns and intent to partially fund*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

Project Title: Fall 16-18 SB HAB’s Monitoring Network

Sponsoring Organization: NOAA and Sea Grant

Presenter Name: Sarah Amiri

Summary: The Santa Barbara HAB’s Monitoring Network in partnership with California Sea Grant and California Department of Public Health (CDPH) is designed to collect water samples to identify harmful algal blooms in the Santa Barbara County, identify conditions setting off blooms and allow the public to access data on a website through an interactive sampling map. These sampling efforts occur on a weekly, bi-weekly and monthly basis across under sampled transects of the Santa Barbara coastline and Santa Barbara Channel.

Presentation Notes:

* Re-routed some parts of the budget (not huge changes, but modified)
* Warm Blob was persistent and created huge toxic algal bloom
* Started in Alaska and spread to Santa Barbara channel
* Highest concentrations of the bloom were in SB and closed local fisheries for a year
* Not the highest concentrations we’ve ever had In the channel, but in the last 20 years, levels have been increasing
* HAB monitoring network monitors 17 sites – also asking what climate anomalies might be contributing to the problem
* Public health is an enormous concern – if the fisheries were closed for over a year
* Samples places that are not typically sampled
* Very rare to find a monitoring network offshore – HAB monitors in the middle of the channel
* What factors are affecting the channel, and how can we warn people
* Will hope to put toxin concentrations up on the website and get people informed
* Website would get people excited about watershed biology
* Currently have 6 interns right now

Board Questions:

* How would you cut funding if you had to?
	+ She will send in the changes and let us know in the e-mail what is the most important equipment
* Does NOAA have the equipment you need?
	+ NOAA is all about policy – don’t have a research division
	+ Some of the modifications in the grant have been to nix some of the unnecessary equipment they can get from other places
* Would this be public information?
	+ Yes – can go on SB HAB website now and look at information
	+ Website needs some help
* Is the project going to end or will you just not need funding in the future?
	+ Wasn’t sure if she could exhaust the funds here
	+ Would love to keep going, but CF doesn’t do long-term funding
	+ Hoping to also get funded elsewhere
* When did this project start?
	+ Last year was the beginning
	+ Carrie Culver is the sea grant researcher on campus
	+ Started collaborating last year
* The hourly research assistant is another student?
	+ That would be for Sarah
	+ Negotiable – not attached to those funds, but dedicated to the project
* Are the hourly and stipend interns be doing the same work?
	+ Stipend intern wants to stay involved without doing too much – having family problems
	+ Hourly intern will be managing the other interns – undergraduate, non-traditional
* What anthropogenic forces are you looking to find that are affecting the blooms and the channel?
	+ Looking to team up with Plumes and Blooms
	+ When there is rain, different tributaries are transported all the way down coastline
	+ During warm blob, nutrients went down
	+ Looking if anthropogenic factors affect nutrient levels
	+ Just starting to set this up

Board Discussion:

* Very informative project
* These interns sound like they are getting a great experience working with Sarah
* Need budget information before proceeding

*MOTION/SECOND: Bella/Courtney*

*Motion language: Motion to table discussion on application fall 16-18 until an updated budget is given*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**ADJOURNMENT AT (time)**

*MOTION/SECOND: Delaney/Tristen*

*Motion language: Motion to adjourn the meeting at 8:00pm*

*ACTION: Consent*

*Additional approval required: NO*