## ASsquare_logo.tif Coastal Fund Minutes

## Associated Students

Tuesday, 04/19/22, Zoom: <https://ucsb.zoom.us/j/89636182726?pwd=VU14ei8rQnVOV0xmR0xYeHh5MmhPUT09>

**CALL TO ORDER: 6:01 PM**  recorded by Carissa and Kathryn

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) |
| --- | --- | --- | --- |
| **Ethan Estrada**  **Chair** | **present** | **Visala Tallavarjula**  **Outreach Coordinator** | **departed early (8:00)** |
| **Mykala Listorti**  **Co-Chair** | **present** | **Carissa Stewart**  **Administrative Assist** | **present** |
| **Emma Swanson**  **Undergraduate Rep** | **present** | **Kathryn Bozanich**  **Administrative Assist** | **present** |
| **Erika Chan**  **Undergraduate Rep** | **present** | **Sarah Siedschlag**  **Advisor** | **present** |
| **Anannya Deshmukh**  **Undergraduate Rep** | **present** | **Ethan Engler**  **Senate Liaison** | **absent (excused)** |
| **Austen Apigo**  **Graduate Student Rep** | **present** | **N/A**  **Senate Liaison Proxy** | **N/A** |
| **Michaela Sten**  **Graduate Student Rep** | **present** |  |  |

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

*MOTION/SECOND: Ethan/Erika*

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

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. Approval of Minutes

*MOTION/SECOND: Ethan/Anannya*

*Motion language: Motion to approve minutes*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **PUBLIC FORUM** (Announcements, appreciations, concerns, requests to have items added to agenda)
2. n/a

1. **REPORTS**
2. Advisor Report: Siedschlag
3. undergrad and grad student ballots are open for AS
   1. in the past it has been accessible by GOLD, might be the same this year
   2. <https://vote.as.ucsb.edu/>
   3. we are not on the ballot
   4. please please vote
   5. we are not on track to hit the required 20% turnout rate by thursday, if we don’t hit it then it just keeps going
   6. it won’t take long
4. EAB is doing their earth day festival on Saturday from 1-5 at Anisq’oyo Park
5. We have one check in this week, two next week
   1. will be done with Kathryn for training
6. will be here next week, but off work from the 2nd to 14th
7. honoraria is available at the ticket office for pick-up, retroactive honoraria is: <https://www.as.ucsb.edu/senate/honoraria/retroactive-honoraria-2/>
8. Chair Report: Estrada
9. no position applicants have come in, it ends on sunday but there might be some that come in at the end
   * 1. with that in mind, we will need a handful of people to help with interviews
     2. depending on how many we get, there will be initial cuts then interviews
     3. generally, they will all be interviewed
     4. there is a pre decided list of questions and all are asked at each interview
     5. about 30 minutes
     6. usually the people who leave help with interviews, that’s a lot of people this year
     7. there are three undergraduate and one graduate (minimum of what we need)
10. Vice Chair Report: Listorti
11. n/a
12. Senate Report: Engler
13. n/a
14. Administrative Report: Stewart & Bozanich
15. all of the applicants are confirmed for their slots
16. Brian who was a no show was rescheduled for next week
17. Coastal Service Program Report: Stewart & Bozanich
    * restoration projects filled up quickly and beach clean up requests are pretty steady
    * might be a problem with funding that we have to look into
18. Outreach and Education Report: Tallavarjula
19. cannot make it to the earth day festival, but Anannya has offered to table
    1. would like people to help out from 1-5 on Saturday
    2. no one has to do the whole event
    3. if you are tabling, please take photos for posting (tabling setup, candid, etc)
    4. don’t think you have to let them know beforehand that there are multiple people tabling
20. Sub-Committee Reports
    * External Communications
      1. will be meeting Wednesday from 11:30 to 12:30
      2. as of now just Sarah, Visala, and Kaley
    * Equitable Compensation
      1. n/a
21. **AGENDA**
22. Approval of Agenda/Additions to Agenda

*MOTION/SECOND: Ethan/Mykala*

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

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **OLD BUSINESS**
2. **NEW BUSINESS**
3. Reallocation Request for CF-202201-01397

*MOTION/SECOND: Ethan/Kaley*

*Motion language: motion to table discussion of reallocation for CF-202201-01397*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

* want to reallocate $2113 in funding from hiring a TA to hiring a graduate student
* TA’s get benefits in their positions that might not be included with graduate status
* It is more of an internship for a graduate student that comes with a stipend
  + they have to put them into a position, but the work does not fit into the TA category
  + Kaley wants more information on what a graduate assistant looks like and what they do
  + It was described as someone who just helps the process, up for interpretation based upon what skills they have
  + want to know how the university classifies them
    - TA is someone who helps teach, graduate assistant is an assistant who helps the process, the classification is different for everything
    - classification will show how the university will treat them
    - Kaley would like to follow up since being a TA determines benefits and fallbacks in case things go wrong
    - Ethan: in general why? why not a TA and why a graduate assistant?
    - their description implies that they don’t want the graduate assistant to have to teach
    - Sarah says it could be similar to a GSR position, but those have been given benefits recently
    - Can you describe briefly the logistical nature between a TA ship and a stipend for this program?

1. Extension Request for FALL 19-14

*MOTION/SECOND: Ethan/Mykala*

*Motion language: motion to approve extension for FALL 19-14 until November 30th, 2022*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

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* the gist is that they were going to be taking trips to the islands but everything with the boats has been a mess, because of that they have been delayed in getting samples
* they want to extend it and continue to work with specimens
* they want to extend it to May of 2023 (very long request)
* the time period isn’t crazy, but it is unusual
* we do not normally extend it this far, usually it is only a few months to wrap things up
* Anannya asks if there is any reason for why we wouldn’t allow it
* we approved a reallocation request for this recently
* Mykala has heard about how difficult it is to get on research vessels and understands the challenge, but it is a long period
* Sarah mentioned that they don’t have to work on vessels anymore
* they seem to just be waiting for someone to look at their samples for taxonomy
* Sarah recommends that we approve a shorter extension request, as they will likely put it off until it’s closer to the end
* this isn’t really work that needs to be paid, it’s usually simple
* Kaley suggests a six month extension, Austen counters with asking them to justify why a year in case they don’t want six months
* Will extend until end of November of 2022
* this was a fall 2019 grant, and it has already been extended before

1. **DISCUSSION**
2. Overview of Tonight’s Presenters

a. Firewise Plant List - Robert Fitch

* austen and kaley recuse
* requesting $2400, a relatively small amount
* this was an older grant (fall 2019) that had been denied, kaley sent feedback
* it was too ambitious, this is the simplified revision
* ethan is interested in what his role would look like in the project since the head intern will be doing a lot of work
* want to clarify whether the interns will be working 50 or 30 hours a week since both are mentioned
* want to ask how plants will react with certain drought conditions, and how it will affect their flammability
* obligated to answer our questions but if we don’t need the full time then we will not take it

b. GIVE benefit sale

* had been funded in the past but had a gap for COVID
* residents on campus and in IV can donate furniture
* goal is to prevent furniture build up on the streets
* money is raised and donated from a sale
* don’t understand how the truck drivers will be working 200 hours, what are their duties?
* are truck drivers going from site to site? are they on call?
* was not specified how this would work
* interested on the advertisement aspect of the program
* they are looking for two truck drivers to pay, with each one going for 200 hours
* seemed to have plenty of other funding as well
* Anannya wants to know what organizations the money will go to

c. Lead and Microtrash removal

* most people on the board are familiar with it already
* nothing crazy has changed
* one big update: results from survey that they presented last time
* determined that the lead-contaminated area is 5 times larger than anticipated
* still are requesting funding to survey additional sites and two volunteer projects in the fall, two in the winter, and two in the spring
* Anannya notes not much information on what the interns will get to do, want to know more about their duties
* Ethan is interested in how the enforcement of bans has impacted shooting
* they talk about how the accumulation of lead was higher than anticipated, they want to clean up new sites, Erika asks is this feasible in the amount of time
* Kaley wants to know more about their data sharing and how they share/communicate it with the public
* just had a check in with him, here are the notes: <https://docs.google.com/document/d/1cqf7tI3U0Gb77-rKvRDlhtDrvJDLTNIOh0ZyZgbe4yw/edit>
* he estimates it will take another two years to get sites cleaned up as much as is feasible, this will likely cycle for another year

d. Coastal Research/Monitoring Program

* austen recuses
* feels like a hodgepodge of a lot of stuff
* will cover a variety of research areas, more of a general program to help fund coastal research projects
* funding with help with 3 internships and someone to monitor them, along with supply provisions
* it is potentially a year-long program, since the timeline goes from summer to spring
* ethan notes it’s probably meant to be a year long but they are flexible
* it would be worth asking about what the plan is in the event that a student leaves without finishing their project? will someone be brought in to finish it or will a new person get to research their own thing?
* there are a lot of monitoring programs in the area, if they are integrated how will that be done?
* how are they planning on sharing/presenting their research?
* board will probably focus on what is available in funds to give to this project

e. Connecting People

* funds used for student internship, website, sign production, website materials
* kaley asks if we gave them feedback, if so, we can use that to ask how they addressed/accounted for it
* mykala notes most questions were answered last quarter
* we didn’t tell them to change anything, we just noted it wasn’t a high priority project for us
* doesn’t fall within what we were prioritizing, noted in the feedback, this time they have limited the budget but the decision likely will not change
* based off your last application, has anything changed in how you approached this?
* Ethan feels that she might just go straight into questions since this was talked about recently
* “Coastal Fund appreciates CCBER's interest in ensuring that all students are aware of the critical role it plays in restoring the campus and surrounding area, and in making its website easier to navigate. We are unable to fund this proposal at this time due to overall limitations on our budget and a need to focus on programs that more directly and immediately impact students. We hope CCBER is able to find the remaining needed support elsewhere.”

1. **PROJECT REVIEW**

**Project Title:** CF-202204-02410 | Developing a "Firewise" Plant List for Santa Barbara

**Sponsoring Org:** EEMB

**Project Leader:** Robert Fitch

**Summary:**

We are requesting these funds to pay an UCSB undergraduate student to conduct plant functional trait research in order to model plant flammability and provide species recommendations to homeowners regarding the relative flammability of the plants they use in their landscape. Rate: $12/hour at 5 hours/week for 10 weeks= $600 per quarter. For summer 2022, fall 2022, winter 2023, and spring 2023 for a total of $2,400.

**Presentation Notes:**

* **kaley and austen are recused**
* **research is focused on restoration, wildfire/habitat restoration**
* **interested in ecology**
* **focused on how we can change the species we use in firebreaks and fire management**
* **fire breaks you see in the foothills**
* **we are starting to realize that different species have different flammability, harder to predict with invasive species**
* **joined three other students and the state wildfire specialist for the UC system**
* **look at how they can measure flammable plants in a lab setting**
* **joined forces last year**
* **goal is to burn a bunch of plants of different species**
* **use a bunch of metrics to understand how they are flammable**
* **partnered with community partners in SB county**
* **one being the santa barbara botanic garden and the fire safe council**
* **goals were to partner with them in order to receive feedback on the plants people use**
* **have them as a source to show results and communicate with the community what they do**
* **fire-safe councils/cities produce lists of fire-sensitive plants that people should avoid, or fire-safe plants that are recommended**
* **these lists are not quantitative and some times just citing each other**
* **we are not sure where these ideas come from other than observation**
* **wanted to partner with communities to determine actual plant flammability**
* **want to determine what plants are safe and where they fall on the flammability spectrum**
* **part of reducing risk of wildfire is urban planning and vegetation**
* **this is a tool and service that will be provided to the community**
* **first endeavor was to send out a survey in order to tell the researchers what plants people have and how flammable they are**
* **people sent in photos of their gardens, still in the process as this was just sent out**
* **botanical garden provided them with several plant species**
* **have plants at ucsb that they are growing in order to burn**
* **have built a custom burn chamber**
* **burning the leaf is good because of the small controlled environment**
* **will be able to burn up to an entire foot or branch with custom chamber**
* **want to ask the question at that kind of scale that includes the branch**
* **right now will be training undergrads and prepping for burning**
* **had to secure the location first where the advisor was comfortable with burning plants there- in the process of doing that**
* **asking CF for undergrad stipend funds**
* **wants to model plants and how they burn**
* **some of the data they gather like leaf thickness, density of stems, lot of traits that people often measure for ecological reasons**
* **the data exists in literature globally with thousands of species data, but the undergrad research is focused on the relationships between local species and species traits/how they relate to flammability**
* **her job would be to go through the literature**
* **focus on community and santa barbara area**
* **high fire danger area**
* **narrows the scope in a good way**
* **focus on plants that people use in their yards**
* **doing a literature survey, finding trait data, and modeling traits requires a lot of critical thinking and data analysis**
* **she will be teaching herself in R? which is a great skill to have**
* **the botanic garden is very excited**
* **already scheduling several workshops with the botanic garden**
* **what does it mean to keep vegetation less flammable?**
* **eventually will plan an interactive digital board**
* **will include signage in displays**
* **the firesafe council really wants to know about which plants in the community need to be preserved or cut**
* **should we worry about cutting native shrubs down or are they less flammable?**

**Board Questions:**

* **in the application, you described the internship as being an independent experience. what is your involvement, if any, with the intern and their experience?**
  + **he would coordinate the flammability measurements**
  + **wants to take on a mentor role and give her guidance/resources**
  + **given her some readings**
  + **give her more room for independent learning**
  + **checking in with her, biweekly meetings**
* **you already have the intern chosen, can you speak more to her experience and how that might come into play**
  + **she had interned with Robert before in previous projects**
  + **she approached him wanting to do independent research on plant traits**
  + **has done field work with him in the past**
  + **in his class right now**
  + **not familiar with the flammability scope yet**
* **wondering if you could elaborate how the santa barbara botanic garden and the fire safe council will help communicate the results to the community** 
  + **had asked demographic questions on the survey**
  + **have pamphlets and online newsletters**
  + **fire safe council will communicate with the montecito fire department- leveraging connections**
  + **want to seek things out at UCSB and communicate with students**
  + **masters garden program which is training people on what plants to choose**
  + **connecting to city councils and community groups**
  + **landscaping classes can be given flyers or a presentation**
  + **outside of institutions themselves we realize they can be pretty limited so trying to go outside of that**
* **are there any other methods you will be using to determine more plant species in the future, since you noted your survey had bias?**
  + **we want to rerun the survey one time because we created a spanish translation**
  + **getting more community partners**
  + **thinking city council and institutions around the area**
  + **really useful but need to find the far reaching venues**
  + **considering canvassing to reach far-reaching people**
* **in this application you brought up the partnership with westmont, can you talk more about how this was brought about?**
  + **developing idea of plants and traits**
  + **has a friend that he partnered with at Westmont**
  + **took field data and trying to feel it out what they can do**
  + **partner would contribute by providing plant data, helping with burns**
  + **provides more interest and hands for the research**
* **just to clarify, the intern would be working 3 hours a week for a total of 50 hours?** 
  + **the weekly amount should be 3 hours a week for a total of 30 hours/quarter**
  + **$12 per hour for 3 hours a week, ten total weeks, would that equal 360 for the quarter instead of 150?**
  + **he had changed it but not on the application**
  + **should be $15 an hour not $12**
  + **will email us for the change**

**Board Discussion:**

* **Erika likes the project but it seems good, some details that need to be worked out, but still in the beginning of the project**
* **great project**
* **Ethan says just give him the funding, it’s a small amount but he deserves it**
* **No reason to not fully fund it**
* **ethan will die on the hill**
* **mykala loves the project just for the mentor/intern relationship**

*MOTION/SECOND: Ethan/Mykala*

*Motion language: motion to table discussion for CF-202204-02410*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**Project Title:** CF-202203-02355 | GIVE Benefit Sale

**Sponsoring Org:** Civic and Community Engagement

**Project Leader:** Viviana Marsano

**Summary:**

In its 30th year, the GIVE Benefit Sale mitigates the impacts on the university and Isla Vista community each June as thousands of students move out of their residence halls and apartments. GIVE responds to the problems of overflowing dumpsters, accumulated trash, arson, discarded useful and recyclable goods by asking students to donate their reusable and useful goods. The donations are sold at a giant sale; the proceeds benefit organizations and projects that improve the quality of life in Isla Vista. GIVE to Isla Vista is requesting funds for its GIVE Benefit sale to cover salaries for 1) two student assistants who are truck drivers and furniture assistants, 2) a student assistant/household coordinator.

**Presentation Notes:**

* **you probably haven’t heard of the sale since it has been a while**
* **its been 3 years since they have done the give program**
* **it is a huge sale done in IV after commencement**
* **takes donations from apartment tenants and people who live in the area**
* **it was created 32 years ago**
* **really started with people exchanging tupperwares**
* **second purpose is to create habit of volunteering and civic engagement in the community**
* **third one is to benefit isla vista since 100% of profits are donated to the nonprofits**
* **works with housing, dining services**
* **monday of finals week put a huge container**
* **students can donate anything they do not want to take home, anything from cosmetics to bikes**
* **move at embarcadero hall in the parking lot receiving the donations**
* **hire 14 staff to do this**
* **11 students, 6 truck drivers who drive 12 hours a day**
* **rent a truck for 24 hours a day**
* **once done with residential halls, then collect from IV**
* **once all items are there they weigh them and list them, price them, display them, sell them**
* **whatever is not sold goes to goodwill**
* **nothing goes to landfill**
* **generally see between 40 and 50 tons of donated goods**
* **2,000 pounds of food to as food bank**
* **food that is not opened, not expired**
* **recycle electronics through AS recycling**
* **everything has its destination**
* **works with around 200 volunteers**
* **the volunteers are from nonprofits in isla vista**
* **isla vista elementary school is the only entity where the money goes to individuals**
* **this goes to parents to pay for the cost of their children going to science camp**
* **money is deposited into school account**
* **don’t give cash to anyone**
* **people from the community and students come to volunteer**
* **first day they arrive they sign a couple form**
* **they decided with nonprofit they want to benefit, they can change it everyday**
* **sign up in a google sheet and sign out**
* **at end of sale, tally every person and every hour they volunteered**
* **each hour that the volunteers donate is worth $20**
* **20 hours is $400 to nonprofit of choice**
* **generally the last time the volunteers donated**
* **paid staff worked 200 hours**
* **this project takes 3,500 hours in 14 days**
* **work 12-14 hours days**
* **students who work the truck work security at night**
* **24 hour security**
* **bikes are priced and those not sold are donated**
* **this year, they were approached by at least four organizations that want to start a donation center in IV**
* **environmental affairs board, greeks go green**
* **will work together to increase volunteers**
* **volunteers come from as far as south LA to help**
* **everyone has given full funding, finance board has given them half but said to come back if they need money**
* **they are in good shape for this year, but need every penny**

**Board Questions:**

* **a lot of stuff is given back to organizations and people in need, how do you ensure the quality of the goods as they are given out?** 
  + **didn’t want to give to many details but for example, clothing are sorted out in 62 different categories**
  + **every piece of clothing is handled by someone**
  + **once box is full, tie it, label it, and put it in container**
  + **day before sale, everything is displayed**
  + **everything in not great quality can still be donated to animal shelters**
  + **volunteers will test electronics to see if they work- if not going to electronics recycle**
  + **cannot sell mattresses anymore due to bedbugs, so a container is rented for them to be put in**
  + **get mattresses they are separated so they don’t worry about bed bugs**
  + **couches are fumigated for 48 hours before the sale**
  + **have a boutique, unworn clothes/bedding/etc.**
  + **nothing escapes the quality control**
* **In the application, you mentioned there are 12 housing buildings you go to, what are those specifically?**
  + **every single rest home and every single apartment setting is hit**
  + **the only one they do not go to is family-student housing as they usually do not move during the year**
  + **includes the university owned apartments**
* **In the application you requested for 2 drivers at 200 hours a week, what is the timeline for that to get them to 200?**
  + **hire 6 truck drivers and furniture assistants**
  + **have to stagger them since some work at night**
  + **200 hours is based on the hours that they worked the year before (in this case, 2019)**
  + **last time they did the sale, minimum wage was $12 so there have been changes**
  + **some positions are paid a little more**
* **how do you plan to advertise to students/community members to encourage engagement since you have not been active since 2019?**
  + **do all sorts of things work in student engagement**
  + **with one email can reach 2800 students and 2400 parents**
  + **posters in old town goleta**
  + **facebook, instagram**
  + **in the daily nexus the bottom line**
  + **posters in res halls**
  + **have a banner**
  + **psa announcements, ksby and keyt interviews before and after sale**
  + **put door hangers? in isla vista**
  + **work in santa barbara with the waste unit**
  + **send email with electronic flyers about sale to landlords asking that they communicate with residents**
* **mentioned you will be going to th 12 housing sites, will you have them on call** 
  + **pick-ups are on a on call basis for large items**
  + **phone number provided**
  + **people let them know the item, the location, possible multi-floor building, all info is added onto a spreadsheet to minimize traveling**
  + **can’t come back until the truck is full and then they unload it to do another trip**
  + **in res halls, you only have until Sunday to move out**
  + **finish picking up on sunday night at the residence halls**
  + **afterwards the sale is concentrated on isla vista and phone calls**

**Board Discussion:**

* **Ethan likes it**
* **Ethan had no idea that this was a thing**
* **Funded in the past, and doesn’t see any current issue with it**
* **Erika loves it**
* **Kaley wants an updated budget sheet that reflects actual planned expenditures**
* **student truck drivers will have 200 hours total**
* **11 out of 14 paid staff are students, doesn’t specifically say the exact number**
* **Sarah says we can get an updated budget**
* **Besides that, Kaley thinks it’s great**
* **Mykala loved it**

*MOTION/SECOND: Ethan/Anannya*

*Motion language: motion to table discussion for CF-202203-02355*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**Project Title:** CF-202204-02448 | Lead and Microtrash Removal in the Santa Ynez Mountains

**Sponsoring Org:** Los Padres ForestWatch

**Project Leader:** Bryant Baker

**Summary:**

Unmanaged target shooting over the last several decades in the Santa Ynez Mountains has resulted in lead and microtrash accumulation in the headwaters of multiple streams that flow into the Santa Barbara Channel. While a portion of the microtrash has been removed through previous volunteer cleanups, the amount of lead ammunition found across these sites is staggering. Through our ongoing project that was funded in the Spring 2020 and 2021 cycles, we still have much work to do. The Lead and Microtrash Removal in the Santa Ynez Mountains Project will result in the removal of lead and microtrash from these target shooting sites that are now closed to shooting. Three UCSB student interns will be hired to assist with cleanup efforts at these sites. They will help survey sites and coordinate at least six volunteer projects aimed at removing lead and other shooting-related microtrash from these sensitive areas.

**Presentation Notes:**

* **conservation director at los padres forest watch**
* **has spent a lot of time in the Los Padres area**
* **los padres forest watch started in 2004**
* **the issue of target shooting and lead removal has been prevalent for a long time**
* **bigger issue than you may realize**
* **in 2016, published a report of hundreds of polluted sites in los padres forests**
* **not including big SUR portion**
* **california condors were coming to some of these sites where they would eat the microtrash which was given to the baby condors**
* **increased condor mortality**
* **next to creeks, rivers, roads**
* **problem from a pollution standpoint**
* **heavy metals from targets being used are huge pollutants**
* **see a lot of electronic equipment**
* **forest service has not been doing enough to handle this issue**
* **target shooting was supposed to be banned**
* **went to court and forest service cracked down**
* **have been issuing a a ban on target shooting with a heavy fine**
* **have been patrolling areas**
* **gained a recurring yearly ban except for in designated managed sites**
* **trying to clean up some of the trash**
* **most visually dominant thing is the trash**
* **noticing lead in the form of ammunition**
* **five main sites that are the focus of this project**
* **removed maybe 60% of trash and lead**
* **near arroyo burro trail is about 10% clean**
* **a few more sites that they want to work on**
* **funded by CF over the past couple years**
* **trash seemed to be accumulating but they went out with metal detectors and found way more hotspots**
* **sites are 5 times bigger than they originally thought, likely because of ricochet and stray bullets**
* **volunteers have collected up to 100 pounds of pure lead from ammunition**
* **some copper- mostly lead and metal**
* **taking a while because of painstaking work**
* **trying to remove pollution from headwaters**
* **some are right at the creeks**
* **biggest thing earned from CF grant is the ability to hire interns**

**Board Questions:**

* **in application, you have surveyed the sites and found it was 5 times larger than anticipated, you are proposing that you will continue to survey more sites, how likely is it that you will find more areas that are just as contaminated?**
  + **theres a couple of sites that he has accidentally come across- thinks they are a lot older which is why they haven't; come across**
  + **haven’t measured sites yet so haven’t realized how large they can be**
  + **have found a couple sites he didn’t realize were target sites**
  + **the five sites on the shown map are the priority for this year**
  + **will be doing several clean ups in june**
  + **winter has road closures to deal with, pandemic has created delays**
  + **suspended volunteer projects for quite a while**
  + **not sure about finding new sites, usually found by chance**
  + **interested in cleaning up those sites**
* **wondering if you can describe how many hours interns are estimated to put into the quarter** 
  + **10 hours per week per quarter**
  + **come up with tailored schedule for intern**
  + **very flexible**
  + **pandemic has created a lot of work-from-home opportunities**
  + **give them a lot of leeway**
  + **give them projects**
* **wondering if the trash is reaccumulating at the sites after you clean them up** 
  + **couple sites where that is a chance (see the 10% clean site) since people keep coming back**
  + **there are some sites 20-30 years old**
  + **trailheads have minimized target shooting due to increased recreational use**
  + **have some land on santa barbara city land**
  + **talked to the city about reaccumulation**
  + **forest service could allow target shooting again**
  + **they are assuming there will be a permanent ban put in place, working towards that**
  + **a couple years ago the state changed its regulations**
  + **lead ammunition banned for hunting but not target shooting**
  + **dealing with lead because of history but can still have people going out and shooting targets with lead**
  + **in front country, not as big of an issue as in back country**
* **looking at the internship aspects of the program, specifically the advocacy campaigns, what are the intern projects and responsibilities in general?**
  + **favorite parts about the internship-provide intern opportunity come out and get involved in other parts of the organization**
  + **instead of hiring one in fall one in winter, had hired two in the past**
  + **conservation intern got involved in some advocacy campaigns like the exxon be gone initiative**
  + **interns spoke at the hearing**
  + **helped with some comment letters**
  + **interns are also working on updating parts of the website**
  + **if you were to go to our website, have webpage with every species threatened or endangered in the los padres national forest**
  + **website is a background project that can be continuously worked on when there is nothing else going on**
  + **tailor each internship to the applicant- if really interested in one aspect they will work with that**
  + **CF grant is the ultimate background project that is worked on throughout the quarter**
* **bit part of project is getting volunteers to come out and hel clean up, with covid things were out on hold, how did you approach finding volunteers for this coming round or if you anticipate having trouble finding volunteers**
  + **as we move into post-pandemic era, don’t think it will be hard to find volunteers**
  + **were able to hold some volunteer work days**
  + **have a lot of people who are itching for volunteering**
  + **there is a capacity issue within the organization with volunteers, a lot of demand to help**
  + **focusing on the santa barbara front project**
  + **hoping to hire some new staff members like a volunteer coordinator**
  + **hoping that current interns will be getting UCSB students involved**
  + **had contacts in the past is that students come and go**
  + **sometimes lose connections as students leave**
  + **trying to get better at maintaining connections**
  + **maybe coastal fund can help advertise**
* **can you go over the safety precautions that you have interns/volunteers use when dealing with lead?**
  + **have a whole procedure- for the most part its harmless unless you kick up a bunch of dust**
  + **lead is constantly breaking down into small pieces and particles, that is when it becomes a problem**
  + **make people wear gloves**
  + **can hold lead in your hands as long as you don’t eat after**
  + **biggest concern is not that people get cut**
  + **worried that they might get the lead in their mouth**
  + **more worried about falling, dehydration, etc.**
  + **no worries so much about wildlife**
  + **send a long email about what to wear, what to bring, sun protection**
  + **with lead, people have those buckets which are transferred to a larger container, bryant transfers it himself**
  + **lead is taken to UCSB, they have a hazardous waste facility that accepts it without question**

**Board Discussion:**

* **Ethan thinks it is a cool and important project, willing to continue to support it**
* **funded it multiple times**
* **kaley is horrified with how much lead there is**
* **talking about the top of our watershed being filled with lead**
* **already come so far why leave them in the dust**

*MOTION/SECOND: Ethan/Emma*

*Motion language: motion to table discussion for CF-202204-02448*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**Project Title:** CF-202204-02425 | Connecting People to Natural Area Benefits

**Sponsoring Org:** CCBER

**Project Leader:** Lisa Stratton

**Summary:**

The goal of this project is to evaluate and enhance the consistency of interpretive and way-finding signage on campus to better connect open space users with CCBER's work and with the ecological values and functions of the open space areas. This builds on an assessment of our physical presence on campus and an identified need to more strongly link the natural areas with CCBER so that users can learn more about the ecology and recreational and health benefits provided by these open spaces.

**Presentation Notes:**

* **have seen this before but hoping there were less requests this quarter**
* **going through the branding process and they are getting conclusions from it now**
* **signage would help raise awareness about them**
* **looking at not calling themself CCBER anymore since people do not know what it stands for/how to say it**
* **thinking of calling themselves the Cheadle Center or the Cheadle Biodiversity Center**
* **want to rebrand with a name that is more word than acronym**
* **want to create wayfinding signage**
* **all signs are built so panels can be switched out**
* **for less money, signs can be simply switched**
* **want people to understand that there is a network on campus managed by ccber**
* **other part of the project is to have student interns help identify key location points for new signage**
* **help them with a QR code that would link people to a portal on their website**
* **links to map of the area, walking tours, different sign languages**
* **some health and wellness sites in the natural areas**
* **grant would help give them the resources to hire a landscape designer and graphic designer**
* **figuring out the key points that would capture people’s attention**
* **some people are more interested in how plants exist in open space, they would like that information**
* **could use help with landscape**
* **hoping some students can help with the portal**
* **already doing website projects under other funding sources, but still want to improve this aspect**
* **would be a student internship this summer giving out surveys and finding sign locations**
* **want stipends for a student web designer based on their skill and hours: $1350**
* **working with them to get some kind of framework they can use**
* **if they received a CF grant, would go to donors and see if they would match the amount for architect funding**
* **most of it would be for the sign production and installing and some for website contracts**
* **could contribute $40,000**
* **Katie Meynard got a grant form UC Health and Wellness signage that would be integrated**
* **then asking for compensation for Lisa**
* **some branding outcomes**
* **since they are actively working in campus areas, it would be best to label things as a restoration project for unification**
* **all of the areas are different restoration projects**
* **want to avoid CCBER acronym**
* **sort of recommended called them the short name of Cheadle Center**
* **will bring in stakeholders to debate a name change to something shorter but still says what they are**
* **simplifying the website to focus on two main tiers- collections and restoration**
* **components of education and outreach are a part of those tiers**
* **have it be a very bold and simple website with list of services they provide**
* **benefits of funding include bringing awareness/accessibility to new students who don’t know how the CCBER locations/opportunities are connected**
* **will give students an opportunity to learn more- just kind of increasing the accessibility**
* **want to show students that CCBER manages ⅓ of campus land**
* **just to have other potential donors know who they are they have been quietly working here and there this is more of a coming out party**

**Board Questions:**

* **have a pretty major open house in the north campus open space grand opening, do you think you could use that as a coming out party**
  + **will be referring to themselves as the Cheadle Center during that**
  + **gave them preliminary conclusions**
  + **wanted to push the branding so they could take the lessons and implement them now**
  + **do have landscape architect kind of created a style out at north campus open space**
  + **want to build on an architectural theme and style**
  + **want to connect north campus style to some of the other areas**
  + **for most signs at NCOS, used the same metal signs used around campus lagoon**
  + **we tried to create that internal consistency**
  + **will be advertising for the grand opening, will be an opportunity to highlight that this is a big project**
  + **hoping to manage and restore elwood site**
* **wondering to what degree this project is this replacing current signage**
  + **will build on what they assess in students with effectiveness**
  + **vision of it is adding steel bars with a simple placard**
  + **act as natural entry points to different locations across campus**
  + **just tell people in a vertical sign that its a cheadle center restoration project**
  + **wire frame signage, which usually only has logo, will be redesigned**
  + **arrange a little bit differently but has something in bold to identify the cheadle center restoration project**
  + **if there are good way-finding signs, not many changes will be needed**
  + **link to a nice portal with resources someone might want in the field**
* **if we cannot fully fund this project what would you like us to prioritize?**
  + **give less for the hardscaping**
  + **keep student and website funding**
  + **if they can only make three signs then hopefully they will have the groundwork and then they can get matched funding**

**Board Discussion:**

* **like seeing some stuff in regards to branding**
* **big factor is seeing how much funding we have leftover**
* **open to partially funding if they can but its hard to say**
* **will have to see how we want to prioritize the other projects when we see them**

*MOTION/SECOND: Ethan/Anannya*

*Motion language: motion to table discussion for CF-202204-02425*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**Project Title:** CF-202204-02418 | Coastal Research & Monitoring Internship Program

**Sponsoring Org:** CCBER

**Project Leader:** Lisa Stratton

**Summary:**

Students are seeking hands-on field and laboratory experiences that relate to conservation, natural history and climate change, particularly after 2 years of being unable to participate in such activities. CCBER's natural areas Research program which we are calling "RAMMP" - Research and Monitoring Mentorship Program - provides the framework for these experiences. Current coastal research programs are focused on integrating EDNA data with aquatic invertebrate sampling and identification, understanding carbon sequestration and plant recovery in disturbed soils, documenting plant/insect relationships, particularly with pollinators and butterfly nectar provision, and completing our storm water impacts project. Funding will support 3 paid internships per quarter, 10% time of Research and Monitoring coordinator (a small fraction of actual time to be spent on this) and modest supplies budget to support sample analysis above that which we can complete (e.g. oils, metals, e-dna, etc).

**Presentation Notes:**

* **austen is recused**
* **what they have found at NCOS is the ability to do open monitoring**
* **really amazing how many students have been wanting to be a part of it**
* **covid deprived many students of outdoor/lab experiences**
* **because its been a five year project, they have had a chance to build up data**
* **some students who want to follow with collected data and others who want to go into independent research**
* **groundwater well monitoring- rare plants that grow in groundwater, chance to measure salt water intrusion**
* **working with a couple of professors**
* **really appreciate coastal fund helping**
* **storm water monitoring - done every year, hoping to pull together analysis this year**
* **students working in hydrology major know how to use certain graphs**
* **hydrology monitoring**
* **modeled how this would be affected by different factors**
* **another long term data set to follow changes**
* **soil function - endowment gift from someone interested in funding student work**
* **decided to use it to partially fund post-doc**
* **will mentor people in the whole soil realm**
* **biotic monitoring - aquatic invertebrates**
* **15 or so students working with them on that**
* **baseline monitoring, what wildlife is associated with what**
* **how deep in the mud profiles are the core**
* **bunch of native plant stuff and wild life monitoring**
* **camera trapping, presentations at conferences, animal trapping**
* **years of bird data**
* **resources they are bringing including some donor money**
* **CF funding would really help**
* **some donor money going towards post doc**
* **have a partnership with different EEMB/geology professors**
* **multiply their interest by providing people who can nurture the students of thinking through the process**
* **manicuring and creating a data set is work in itself**
* **every quarter people are looking for opportunities**
* **many students want to build resumes and learn more about the environment**
* **covid really left some students with no experience throughout the bulk of college experience**
* **requesting three student stipends per quarter over four quarters for about $5400**
* **asking for support for their coordination and leadership at 10% for 12 months**
* **wants some E-DNA, calibration fluids, other materials**
* **also have money from the Audubon society for students**
* **have $7000 left, about $3000 per quarter**
* **could show a few photos**

**Board Questions:**

* **looking at the timeline, this particular program is flexible with students coming in and leaving, can you go into the general process that you would have in the event that a student backs out?**
  + **thats why its kind of nice to have quarter by quarter internships**
  + **other people start out in the first quarter volunteering to see if they like it**
  + **some students stick with it**
  + **when in training mode, it is encouraged that they start with volunteering or class credit**
  + **have ERCA (?) funding that helps with individual student funding**
  + **have undergraduate symposium and have a few students doing that**
  + **flexible depending on the students**
  + **have a good idea what their commitment is**
* **how do these projects go about sharing their data or presenting the research being done?**
  + **we do have on the website an e-scholarship portal with a poster or conference or something but can write a gray literature report**
  + **data itself is continuously added to, so they are trying to find a larger portal to see what fits**
  + **put some curated data sets out there**

**they maintain it data, someone requests it, they send it to them**

* + **haven’t got a perfect data portal but have some files**
  + **still evolving**
  + **still have people maintaining the LDR data**

**Board Discussion:**

* **higher priority than signage project**
* **the only question will be how much funding they have and where they want to put it**
* **really liked the slides**

*MOTION/SECOND: Ethan/Kaley*

*Motion language: motion to table discussion for CF-202204-02418*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**ADJOURNMENT AT 9:28 PM**

*MOTION/SECOND: Ethan/Mykala*

*Motion language: Motion to adjourn at 9:28 PM*

*ACTION: Consent*

*Additional approval required: NO*