## ASsquare_logo.tif Coastal Fund Minutes

## Associated Students

Tuesday, 4/13/21, Zoom: https://ucsb.zoom.us/j/325326280

**CALL TO ORDER:** 6:02 PM minutes recorded by Carissa

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) |
| **Jeremy Francoeur**  **Chair** | **present** | **Joelle CantoAdams**  **Outreach Coordinator** | **present** |
| **Ethan Estrada**  **Co-Chair** | **absent/excused** | **Duncan Edwards**  **Outreach Coordinator** | **present** |
| **Mykala Listorti**  **Undergraduate Rep** | **present** | **Sarah Siedschlag**  **Advisor** | **present** |
| **Anannya Deshmukh**  **Undergraduate Rep** | **present** | **Carissa Stewart**  **Administrative Assist** | **present** |
| **Erika Chan**  **Undergraduate Rep** | **present** | **Gurleen Pabla**  **Senate Liaison** | **absent/excused** |
| **Austen Apigo**  **Graduate Student Rep** | **present** | **Fabian Oseguera**  **Senate Liaison** | **absent** |
| **Michaela Sten**  **Graduate Student Rep** | **present** |  |  |

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

*MOTION/SECOND: Jeremy/Kaley*

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

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **Approval of Minutes**

*MOTION/SECOND: Jeremy/Kaley*

*Motion language: Motion to approve minutes from last week*

*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**
      1. **should check out earth day on Saturday with EAB**
      2. **information on instagram**
   2. **Chair Report: Francoeur**
      1. **no report**
   3. **Vice Chair Report: Estrada**
      1. **doodle poll is still up and make sure to get your responses in by sunday**
   4. **Senate Report: Pabla**
      1. **no report**
   5. **Administrative Report: Stewart**
      1. **grants have been submitted and all in the proper folders**
      2. **there is a link for all the folders in each grant number for spring**
   6. **Coastal Service Program Report: Stewart**
      1. **no report**
   7. **Outreach and Education Report: Edwards and CantoAdams**
      1. **have photo contest going on for Coastal Fund-theme is new beginnings**
      2. **progress report going well for them**
   8. **Sub-Committee Reports**

NRS scholarships

* no report

Long-term funding application

* meeting this week
* Sarah wants to join

External Communications

* figuring out a time to meet

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

*MOTION/SECOND: motion to approve agenda and additions to agenda*

*Motion language: Jeremy/Mykala*

*ACTION:Consent*

*Additional approval required: YES (Senate)*

1. **OLD BUSINESS**

San Marcos Foothills Board Project/Subcommittee/Grant Proposal

* think we should wait because right now they are 4 million dollars away
* don’t love the loophole idea and would rather them go through an emergency grant

*MOTION/SECOND: Jeremy/Anannya*

*Motion language:Motion to table discussion on san marcos foothill support group until next week*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

1. **NEW BUSINESS**
2. **DISCUSSION**
3. **PROJECT REVIEW**

Project Title: SPR 21-01: Preventing Resumed Oil Production off the Gaviota Coast

Sponsoring Organization: Environmental Defense Center

Presenter Name: Linda Krop

Summary:

The purpose of this project is to prevent ExxonMobil from restarting oil production from

three offshore platforms and trucking oil through the Gaviota Coast for up to the next

seven years and ensure the Environmental Impact Report and Statement (EIR/EIS) for the

Plains All American (Plains) pipeline adequately addresses the risks and impacts of

constructing the replacement pipeline.

Presentation Notes:

* Grant tonight is a continuation of a coastal fund grant
* A lot of projects and cases go on for years and decades
* Couldn’t do it without support of interns
* Hire at least four a year
* Interns help with research, helping analyze issues, helping with outreach
* Can testify for a public hearing
* Learning what it's like working for a non profit organization
* In this particular application, focus is on two related cases
* Exxon mobil wants to restart oil pipelines and platforms
* Platforms were installed in late 70s early 80s , production is on a decline
* At the time of the oil spill, they were producing around 30,000 gallons a day
* Oil and gas is produced on platform, and pipelines cary oil to shore
* At processing plant the oil, gas, and water are separated, and the gas goes straight to the system
* The oil goes to refineries
* Oil should be transported through buried pipeline so there is no air pollutions issues and hypothetically a smaller oil spill underground
* In 2015 the pipeline ruptured and the whole stretch of popeline were actually really corroded and even though there were inspections, they didn't fix it
* Thought hte pipeline had an automatic shutdown system
* The company refused and it wasn’t required by law
* So the pipeline was being operated remotely from houston
* A bunch of oil spill before they shut down the pipeline
* The oil kept spilling, it traveled a quarter mile and traveled under the freeway and onto the beach
* It wasn’t until it got to the beach that the oil was spilling and then it took them sometime before they shut it down
* All of the platforms were shut down
* Exxon wants to restart the three pipelines
* They have applications to start a new pipeline
* Exon wants to restart the pipeline and move the oil to refineries by truck
* Represent Get oil OUt and Santa Barbara Action NEtwork to get application denied
* County is focused on trucking, and looking at denying the restart of platforms
* Emissions of platforms and downstream emissions will be bad for climate change
* Risk of an oil spill from the platforms
* Along the trucking route, risk of oil spill, air pollution
* County did prepare an EPA
* Previous intern conducted two research projects including climate change and the processing plant
* Intern looked at climate change and drafted comments and oil tanker accidents from 2000’s
* Looked at oil tanker accident risk, from county, city, etc
* Have done new outreach material, done a blog, project was supposed to go to the planning committee in september
* But phillips was going to shut down their oil refinery and switch to renewable materials
* Could move oil to bakersfield area and down to socal
* Intern looked at trucking route and just focused on route and the amount of accidents
* Asking that they only truck to santa maria but phillips took that option away
* Going back to planning commission in summer
* Some of the smpill impacts, climate change research, working on helping with public education and outreach
* Informing community on campus and helping with social media and engaging
* Intern help with communication as well
* Don’t know what the county recommends
* Interns will have a chance to meet with planning commission
* They want to build a new pipeline along the same route as the old one
* The pipeline is tied to the platforms, the intern will help them with the focus and more research

Board Questions:

* When were the platforms build and when were the sancuaturies made and would that be an option
  + In 1969 there was a massive oil spill with 4 million gallons of oil and was the largest oil spill
  + The federal government gave us an ecological reserve in that area
  + Congress enacted the sanctuary around the islands, would have been a way to protect the are about it was pushed back
* Wondering about the logistics of the internships as covid might be a problem
  + Done really well, had interns since then, law clerks since them
  + Meet with the interns once a week at least
  + Worked really well
  + Minimum two quarters of the internship, possible that it will convert to in person
  + Only do it if it is safe for everyone
* Exxon has invested interest in these platforms and oil, at what point will they give up in tis project and what steps will you take in the future
  + Is an application to build a pipeline
  + Will have to see how the pipeline is designed
  + Better state laws, including using the best technology,
  + Could use a new pipeline
  + Part of a system and phillips is closing a few refineries, this may affect a lof of oil companies
* In the case that the proposition does go through and they ar allowed to continue there trucking, what will be the course of action
  + Both of these projects have to provided by the planning commission, could bring a lawsuit about impacts, other commissions

Board Discussion:

* Wish I knew about the internships more
* Liked how they pulled up past work from interns
* Helps looking at the scope of the interns
* Curious about how much work there is to be done
* More interested about platforms and c02 emissions and considering bringing a lawsuit against that
* We have funded a few times before
* Majority of funds go through the salary towards the lawyer and some for the interns
* Supportive of this project

*MOTION/SECOND: Jeremy/Erika*

*Motion language: Motion to table discussion on SPR 21-01*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

Project Title: SPR 21-02: Coastal Biodiversity and Restoration Research and Monitoring Internships

Sponsoring Organization: CCBER

Presenter Name: Lisa Stratton/Ryan Clarke

Summary:

Since 2016, CCBER has maintained a program of providing a wide variety of coastal biodiversity and restoration research and monitoring internships for many students in a broad range of majors at UCSB. The Coastal Fund has played a key role in the program's success, and we are requesting funding to continue the program for another year. This would provide funds for stipends for two students per quarter, beginning in summer 2021 and ending at the end of the spring quarter in 2022.

Presentation Notes:

* Looking at how the public uses these sites and what impacts it has on ecology and biodiversity
* Initiated a pilot project with 6 interns
* Coastal fund has been a key driver behind this and some of these projects are really valuable for improving general understanding of ncos and other places that cbber works at an new place
* All of students, it is very valuable to them
* Lots of students it has changed their career choices
* Letting them take leadership and helping them do the projects
* Two projects that they want to continue is the long term water quality of data collection at three or four different spots
* Students go out and collect data with the water and help them get involved in summarizing the data and they get in depth in that aspect of it
* Working in a lab they collect stormwater runoff data
* Try to get student opportunity to help out with that
* Related to that is a project that is focused on sampling octopods and vertebrates from devereux slough and other wetlands, got put on hold, but hoping to ramp it back up again this year
* Initiated by volunteers
* Ccber is taking over and has employed (volunteers or interns) up to 10 students per quarter because field part doesn’t require a lot of work, but so many small invertebrates collected, and take that data to see the information ecologically
* Some other projects they would like to see continuing are the wildlife monitoring and study how the food web interactions are changin aat ncos and some of the other sites like where fire restoration is going on
* Looking at pollinators and see the interactions there
* Lisa and others were able to get a grant to look at restoring or establishing a rare and threatened plant species by the stadium
* Natural seep there and looking at cleaning up and fixing that
* That would be part of this program that they are proposing
* Proposing to have two interns this quarter starting htis quarter through next spring
* At least two stipends per quarter
* Some students get credit for school
* Also asking for the employee funding
* Small amount of materials that they have to get like getting soil samples analyzed

Board Questions:

* What is the motivation for which species you like to study, intern interest or seems necessary for ecological purposes
  + The area they have expertise in is a motivating factor
  + Try as much tas they can to get students interests but will have limitations based on areas of expertise
  + Sometimes they can get faculty support but generally it is 60-70% the interest of ccber are and getting the students involved in that
* Wondering about the distribution of internships, how do you choose which interns to pay and which are volunteers
  + Try to recruit student interns first based on stipend, set project already in mind
  + Also follow students interests are
  + Ask for 60 hours per quarter for the stipend intern
  + For volunteers less time commitment and don’t require any obligations
  + Offer them a google sheet for their time so they can track
  + With the stipend and credit internships, ask for some kind of report or presentation by the end of the internship, not required for volunteer internship
* How do you choose the criteria for internships, how is that advertised, wondering about a standard practice
  + Usually what they are doing is sending to the undergraduate student advisors for eemb and environmental studies and sharing through social media on website and some of internships come from word of mouth
  + Have hourly paid student workers
  + For the CF steins, make a concerted effort to advertise during the beginning of the quarter
  + Look at relevant experience or resume, will state if they need experience or knowledge depending on the courses they have taken
* What plant species are your restoring
  + March sandworts
  + Already starting growing trials at greenhouse nursery
  + Have to scrape of a lot of ice plant and non native species first
* Wondering about the students have an opportunity to analyze and wondering if there are any presentations opportunities
  + Have tried to do that as much as possible and have had presentations that they announce to some of the listserv and a couple of others and could do it through zoom
  + Tried it out in 2019 and got low attendance and interest
  + Have been on kcsb
* Is your data being published and what is that data going towards and what are you using it for
  + Being published in annual reports and putting links to on website and publish on escholarship
  + Make sure they announce as much as possible
  + Data is spatially linked or referenced
  + Big project to try and make all data easily accessible to everyone both for ucsb researchers and the broader community as well
  + Mostly through monitor reports and online blog posts and online resources

Board Discussion:

* Wanted to ask more questions about water quality monitoring
* Think it's fine to fund it but there are a lot of water
* Would like to imagine that they are in coordination

*MOTION/SECOND: Jeremy/Anannya*

*Motion language: MOtion to table discussion on WIN 21-02*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**ADJOURNMENT AT (time)**

*MOTION/SECOND: Jeremy/ Mykala*

*Motion language: Motion to adjourn at 8:15 PM*

*ACTION: Consent*

*Additional approval required: NO*