



COASTAL FUND MINUTES

Associated Students

Tuesday, 05/19/2020, Zoom

CALL TO ORDER: 6:02, minutes recorded by Carissa

A. 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	Anushna Patel Outreach Coordinator	absent
Mike Martin Co-Chair	present	Katherine Fukada Outreach Coordinator	present
Ethan Estrada Undergraduate Rep	present	Sarah Siedschlag Advisor	present
Rylee (Kiya) Pupa Undergraduate Rep	present	Carissa Stewart Administrative Assist	present
Mykala Listorti Undergraduate Rep	present	Kevin Sway Senate Liaison	absent
Phoebe Racine Graduate Student Rep	present	Emma Swanson Senate Liaison	absent
Laura Ingulrud Graduate Student Rep	present		

B. COMMITTEE BUSINESS

1. Approval of Attendance and Proxies

MOTION/SECOND: Jeremy/Mike

Motion language: Motion to approve attendance and proxies.

ACTION:

Additional approval required: YES (Senate)

2. Approval of Minutes

MOTION/SECOND: Jeremy/Mike

Motion language: Motion to approve minutes from last week

ACTION:

Additional approval required: YES (Senate)

C. PUBLIC FORUM

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

- bad man in IV got arrested
- wigs
- EDC is having a fundraiser if you donate \$20 you can get a mug

D. REPORTS

1. Advisor Report: Siedschlag

- i. Have rollover budget
- ii. Have more money than we thought
- iii. could consider creating special grant
- iv. next week we have two different software meetings

2. Chair Report: Francoeur

- i. no report

3. Vice Chair Report: Martin

- i. no report

4. Senate Report: Sway and Swanson

- i. no report

5. Administrative Report: Stewart

- i. Added two new extension requests
- ii. finished minutes for week 9 and workbooks

6. Coastal Service Program Report: Stewart

- i. no report

7. Outreach and Education Report: Patel and Fukada

- i. posted sea life spotlight
- ii. on ig they are choosing sea life spotlight of the year

8. Sub-Committee Reports

- i. NRS scholarships
- ii. Long-term Funding/ Pre-Screening Application

E. AGENDA

1. Approval of Agenda/Additions to Agenda

MOTION/SECOND: motion to approve agenda and additions to agenda
Motion language: Jeremy/Mike

ACTION: Consent

Additional approval required: YES (Senate)

F. OLD BUSINESS

G. NEW BUSINESS

Fall 19-08 Extension Request

MOTION/SECOND: Jeremy/Phoebe

Motion language: Motion to approve FALL 19-08 Extension Request

ACTION: Consent

Additional approval required: YES (Senate)

Dive Fee Support Fund Allocation

MOTION/SECOND: Jeremy/ Mykala

Motion language: Motion to approve \$2100 for FALL 2020 Scientific dive fee support

ACTION: Consent

Additional approval required: YES (Senate)

Decision Meeting Dinner Fund Allocation

MOTION/SECOND: Jeremy/ Mykala

Motion language: Motion to pass \$220 for the 2020 dinner fund

ACTION: Consent

Additional approval required: YES (Senate)

H. DISCUSSION

I. PROJECT REVIEW

Project Title: SPR 20-12 : IV Surfrider: Blue Water Task Force

Sponsoring Organization: Surfrider Foundation

Presenter Name: Shey Dorji

Summary:

The BWTF requires \$1,565.52 in order to fund supplies necessary for water quality testing for enterococcus bacteria at Isla Vista beaches. This funding will cover 200 unit of Enterolert reagent and Quantitrays that are necessary for lab testing. All materials are shipped to the Isla Vista Surfrider chapter from the national Surfrider Foundation Lab. Materials are sourced from

the IDEX Corporation in accordance to protocol set by Surfrider Foundation headquarters. These supplies are required to maintain consistent testing at the following five beaches around the UCSB campus and Isla Vista: Campus Point, Depressions, Devereux Point, Camino Pescadero, and Sands.

Presentation Notes:

- Surfrider is grassroots non profit
- One of 30 chapter participating in blue water task force program
- They test the water in order to provide students with hands on experiences with testing
- Test the water for safety
- Create long term data based on water quality
- Team is reef volunteers and interns
- Work with MSI
- They take sample and analyze fluorescent wells and account for dilution to determine colony forming units
- They put out signs for outrage and give a clean water report
- Have been sending out remote data visualization
- Can send more info to the board
- Looking to expand community outreach to protect people's safety and knowledge
- Want to recruit more volunteers and pulling in people from different majors and different backgrounds

Board Questions:

- When there is a lot of cfu, how do you communicate this to the public
 - 100 is a threshold for unsafe levels, major platform is instagram right now, data goes up on website, and in the future they would want to have physical signage at all of the testing sites
- How frequently do you update the conditions
 - They are updated weekly as soon as the results come out, or multiple times if it rains
- Why is the eneticaucous used as a good indicator
 - The bacteria is used because it flourishes in the presence of fecal matter
- Do you see a big variation between beaches for bacteria
 - They do experience a lot of variations, it depends on the water flow, they see fluctuations between depressions of the water too
- What did you see after the mud slide
 - It really destroyed the water quality
- Is there a reason why you test at those five sites in particular
 - They are the most used beaches and they give them a nice spread of data
- At what point does it indicate an unsafe level of bacteria
 - The sign shows and they just kind of let them know what is
- Are you liable if someone gets sick bc of unsafe level and you reported it was safe
 - Surfrider has protocol for that but they are not enforcing any of this, they are just making suggestions

- Is there another way for you to get data out there
 - They were looking at partnering with the geography department, didn't pan out
 - Will ping coordinator

MOTION/SECOND: Jeremy/Mike

Motion language: Motion to table discussion on SPR 20-12

ACTION: Consent

Additional approval required: YES (Senate)

Project Title: SPR 20-13 : Behavioral and Disease Ecology of an Island Endemic Amphibian

Sponsoring Organization: CCBER

Presenter Name: Christopher J. Evelyn/katja

Summary:

Many unique amphibian species are being devastated by a fungal disease known as chytrid. Although it is present in California, its presence on the Northern Channel Islands is unknown. These islands are home to an amphibian found nowhere else. What should we be doing to protect it? In order to tackle issues of this kind biologists must be able to gather data under challenging conditions. With the skills of a field biologist come, new career avenues, travel opportunities, and understanding of nature. I would not have pursued graduate studies without the outdoor experiences I had in my youth. The goal of this project is to provide mentorship and training to UCSB students who's outdoor opportunities have been limited, particularly with respect to biological research. Data collected by participating students will contribute to the preservation of terrestrial habitats associated with the shoreline of UC Santa Barbara, by guiding biosecurity policy on the Northern Channel Islands.

Presentation Notes:

- Mykala, Kiya, and Ethan are recusing themselves
- It is all about education, research, and presentation
- Bridge the gap to allow for save intro to field research
- Learn by doing
- Looking for more diverse applicants
- Fill data gap for nps
- Work on teamwork
- Preserve local species and fauna and amphibians
- Builds an nps biosecurity plan
- Gives a clear path to field based jobs and career options

Board Questions:

- What is a normal day for an intern
 - Would take a boat to an island in the morning

- Would disembark then doing some cleaning
- Would teach the parameters and then target the places for survey techniques
- Recording species presence
- Handle and swabbing animal and recording some ecological data and use gps to show place of capture
- Hoping to incorporate data from different animals
- Before they would take a toes or something to try and confirm species
- What is your recruitment plan and selection criteria
 - They have been communicated with eop office to try and get first time students involved and diverse backgrounds
 - Weighing enthusiasm over experience
 - The goal is to choose people who have less experience
- How does the bacteria spread to the island
 - The fungal spores are really hard to kill and they spread really easily
 - Salamanders have been found with the spores on them
 - People are coming to the islands and swabbing people's boots
 - Want to know if it is present in the environment
 - Want to fill the knowledge gaps
- Where are their cases on the mainland and if you have found any on the islands
 - There is couple salamanders recorded on the mainland, a certain frog species is on the mainland that is a usual carrier
 - This specific species of salander there is 13 species that are terrestrial and found in california and one in oregon
 - There is an endemic species on the island
 - They have had a hard time finding adult species and think it might have to do with the amount of visitors bringing fungal spores
- Could you talk about ecological role
 - They are first level carnivores, they turn bug mean into vertebrate meat
 - The seagulls eat them
- How much effect does the infection have on the salamander on the mainland
 - They want to have testing early on in the process and later, in some cases this genus can clear the infection
 - If it dries out a little bit then the infection can clear out
- What sorts of variations do you expect in amounts of kitridge presence on the island
 - Haven't tested yet, hopeful, interested to see the relationships between people's boots, environment, or animals

MOTION/SECOND: Jeremy/ Mike

Motion language: Motion to table discussion on SPR 20-13

ACTION: Consent

Additional approval required: YES (Senate)

ADJOURNMENT AT 8:26 PM

MOTION/SECOND: Jeremy/ Laura

Motion language: Motion to adjourn at 8:26 PM

ACTION: Consent

Additional approval required: NO