



## COASTAL FUND AGENDA

Associated Students

Tuesday, 2/13/18, Nati Conference Room

**CALL TO ORDER** 6:03 PM by Tristen, minutes recorded by Hannah

### 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)
Tristen Thron Chair	Present	Gem Outreach Coordinator	Present
Matias Eusterbrock Co-Chair	Present	An Nguyen Outreach Coordinator	Excused
Aral Greene Undergraduate Rep	Present	Peter Min Outreach Coordinator	Present
Jordan Gallagher Undergraduate Rep	Present	Rebecca Nishide Administrative Assist	Present
Esha Suri Undergraduate Rep	Present	Hannah Bone Administrative Assist	Present
Alana Ayasse Graduate Student Rep	Present	Senate Liaison	
Courtney Thomas Graduate Student Rep	Present	Sarah Siedschlag Advisor	Present

### B. COMMITTEE BUSINESS

#### 1. Approval of Attendance and Proxies

*MOTION/SECOND: Tristen/Jordan*

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

*ACTION: Consent*

*Additional approval required: YES (Senate)*

#### 2. Approval of Minutes

*MOTION/SECOND: Tristen/Jordan*

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

*ACTION: Consent*

*Additional approval required: YES (Senate)*

## **C. PUBLIC FORUM**

## **D. REPORTS**

1. **Advisor Report: Siedschlag**
  - i. Town Hall with Joan Hartman tomorrow
  - ii. 7 PM GSA
  - iii. PIZZA!
2. **Chair Report: Thron**
3. **Senate Report**
4. **Administrative Report: Nishide**
5. **Coastal Service Program Report: Bone**
  - i. No Report
6. **Outreach and Education Report: Min & Nguyen**
  - i. Welcome Gem
  - ii. Share booth with EAB for Saturday at SB Earth Day
  - iii. Last years annual report is with Chelsea now for some final design edits
  - iv. No spot in Pollock for Broke film in Spring, currently looking at other venues
7. **Sub-Committee Reports**
  - i. Dive Report
    1. Working on figuring out the right procedure, current draft in drive for who will get scholarship and how we will decide
    2. Send it out to dive safety officer and they will send it out to the class

## **E. AGENDA**

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

*MOTION/SECOND: Tristen/Jordan*

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

*ACTION: Consent*

*Additional approval required: YES (Senate)*

## **F. OLD BUSINESS**

1. **(item)**

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

*Motion language:*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

## **G. NEW BUSINESS**

### **1. Fall 17-03 Reallocation Request**

Board Decision Summary:

- Application is pretty board, so this internship still fits under that project scope
- If we fund it, should inquire about what happened to the Nature Center

*MOTION/SECOND: Tristen/Jordan*

*Motion language: motion to approve FALL 17-03 reallocation request*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

### **2. SPR 17-13 Reallocation Request**

Board Decision Summary:

- Jordan steps out
- Going from money funded for supplies reallocated to an intern

*MOTION/SECOND: Matias/Tristen*

*Motion language: motion to approve SPRING 17-13 budget reallocation request*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

### **3. SPR 17-13 Extension Request**

*MOTION/SECOND: Tristen/Courtney*

*Motion language: motion to approve spring 17-13 extension request*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

### **4. (item)**

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

*Motion language:*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

### **1. WIN 18-14 Emergency: Wildlife Baby Season**

**Department: Santa Barbara Wildlife Care Network**

Approved Budget:

- Seasonal Animal Care, 2 students @ \$12/hr at 15hr/week for 20 weeks, total \$7,423.20
- Food for Animals (fish, MAC diet, fruit seed, and vegetables), total ~~\$20,000~~
- Seabird Pond Maintenance, total \$2000

- Total Requested: ~~\$29,423.20~~ \$9,432.20

Board Discussion Notes:

- Curious if we think this is an emergency
  - There emergency seems to be that the mudslide cancelled their fundraiser and there's going to be an increase in babies coming in due to the events
  - Occurs in spring so therefore can't wait till june
- Student volunteer and interns
  - Another cite around town that students can do volunteer hours at
  - Seasonal animal care intern will also be an intern→ student will be from ES Department
- Would like to see more of a tie to coast and our mission statement
- A lot of these animals are not endangered, really general animal rehab and we already spend a lot of money on endangered animals
- Seems more like they are concerned with the fact they can't have a fundraiser
- Emergency grants are not just for ecological disasters
  - could make the argument this falls under that criteria
- We can encourage them to apply again in the future for a grant that is more specific to our mission statement
  - opossums and raccoons do not seem relevant
- Appreciate it that it is different than the other grants we have seen and it is a part of animal rehabilitation
  - What do they do with the animals once they are rehabilitated
- Suggest partially funding
  - interns and pond maintenance
  - Project can go forward with partial funding
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Board Decision Summary:

- Partially funding Interns and pond maintenance, but no food

*MOTION/SECOND: Jordan/Mattias*

*Motion language: motion to fund 18-14 to the amount of \$9,423.20 for the line items of seasonal interns and seabird pond maintenance*

*ACTION: CONSENT*

*Additional approval required: YES (Senate)*

**2. WIN 18-07 Additional Funding Emergency Request: Microbiological Water Quality and Public Health Implications of Upland Sediment Disposal to a Recreational Beach**

**Department: UCSB ERI & UCSB Bren School**

Approved Budget:

See modified budget from original grant

- Total Requested: \$10,752.96

Board Decision Summary:

- Add in that this is a large emergency grant, but mention that we can not approve further funding, this is the full scope of the project we can fund

- Mention independent article and our appreciation for them

*MOTION/SECOND: Alana/Jordan*

*Motion language: Motion to fund additional funding for winter 18-07 in the amount of \$10,752.96*

*ACTION: CONSENT*

*Additional approval required: YES (Senate)*

**3. WIN 18-15 Emergency: Effect of nutrients leached into the coastal ocean from recent mudflows and continuous human clean-up efforts on phytoplankton bloom dynamics in the Santa Barbara Channel**

**Department: MSI**

Approved Budget:

- ~~Student Intern: 1@ \$14/hr for 10 hours a week for 12 weeks, total: \$1,685.21~~
- ~~Junior specialist: 1@ \$3461/month for 3 months plus \$5,873.66 fringe benefits, total: \$16,256.66~~
- ~~Incubation vessels: 5@ \$100 each, total \$500~~
- ~~Nutrient analysis and reagents: 200@ \$15 each, total: \$3000~~
- ~~Total Requested: \$21,441.87~~ \$0

Board Discussion Notes:

- Not communicating with the other group we funded to do a very similar thing
- Don't need to give more funding for sampling but the project is interesting
- how does this differ from the previous phytoplankton one that we funded
  - This will look at mechanism of why, Plumes and Blooms will be sampling and getting idea of populations in channell
  - Feeding plankton in a lab so potentially creating a standard
- Complements well with the other groups projects
- is this an emergency?
  - they already have the mud to freeze, which will stay for a long time
  - Phytoplankton assembly is always changing
  - Not an "AHHH!" emergency, not scary
- Scientifically valuable, but not emergency
- They have the samples, seems like they can do is and save it for the next funding cycle
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Board Decision Summary:

- Rejected on the grounds that it is not an emergency, recommend that they apply for next funding cycle

*MOTION/SECOND: Tristen/Courtney*

*Motion language: Motion to deny funding for WIN 18-15*

*ACTION: CONSENT*

*Additional approval required: YES (Senate)*

**4. WIN 18-16 Emergency: Composition of Debris Deposited on Goleta Beach and Persistence in Marine Ecosystems**

**Department: Santa Barbara Coastal Long Term Ecological Research (UCSB)**

Approved Budget:

- Sample Collector (Marine), 2 students \$20/hour for 16 hours a week, total \$1,319.68
- Sample Collector (Beach), 2 students \$15/hour for 8 hours a week, total \$494.88
- Sample Processor, 4 students \$11/hour for 7 hours a week, total \$3,175.48
- Lignin Analysis, 40 needed for \$65 each, \$2600
- Pyrogenic Carbon Analysis, 40 needed for \$20 ea, \$800 total
- Organic Matter Content Analysis, 80 needed for \$2.00 ea, \$160 total
- Storage Vials, 8- needed for 0.50 ea, total \$40
- Miscellaneous sample prep supplies, total \$250
- Total Requested: \$8,840.04

Board Discussion Notes:

- Scientifically sound and simple, well written grant
- In support of it
  - Everything on the budget seems reasonable
  - Misc. supplies typo
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Board Decision Summary:

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*MOTION/SECOND: Tristen/Alana*

*Motion language: Motion to approve WIN 18-16 emergency application in full*

*ACTION: CONSENT*

*Additional approval required: YES (Senate)*

**H. DISCUSSION**

1. Retreat
  - i. Definitely one next quarter for the new members that will be joining
  - ii. Maybe another one at the end of this quarter to go over manual
  - iii. On a weekend somewhere within 2 hours
2. Everyone doing a portion of intern evaluations
3. Be prepared 2 hours of meeting time to do some of this work

**I. PROJECT REVIEW**

Project Title: (WIN 18-05) Goleta Slough Tide Gate

Sponsoring Organization: Channel Islands Restoration

Presenter Name: Elihu Gevirtz

Summary: A hydrologic analysis would be conducted to determine the effects of moving the

existing tide gate from its current location to Los Carneros Road or further west.

#### Presentation Notes:

- Tide gate underneath old pump next to sanitary district on the edge of Goleta Slough
  - Seven different streams funnel down into Goleta through Slough down in estuary to Goleta Beach
- Estuary is home to many different grasses and animals restricted to that habitat
- Prior to 1942, tide gates were put in to block water from moving upstream (ocean to Los Caneros)
  - Gate have been shut for decades, no one really knows how long
  - If the water gets high, motor turns on and pumps water over tide gates
- What we want to do is remove the tide gates and move them to Los Carneros or to the West so it doesn't flood housing or road but can be able to move up
- Not sure yet the extent of water blockage/movement
- Has supplementary pictures to explain the channels/habitat
- What we wanna do is move them, but we wanna make sure nothing gets flooded (like Los Carneros or housing)
- Project is for CIR to hire a hydrology engineering firm, to do some modeling to determine what would get flooded and consider sea level rise
  - If only the wetlands get flooded and no infrastructure then we can get everyone on board with it
- Second step, work out a legal agreement with everyone to do the actual work of taking them out

#### Board Questions:

- Is there any potential negative ecological effects you can think of?
  - None that we believe
  - Areas will respond well to flooding, convert invasive rye grass to more salt tolerant species like pickle grass
- Would CIR let the area passively restore after removal of tide gates, or would you do active restoration?
  - We've done major restoration excavating 30,000 cubic yards of dirt and planted 17,000 plants
  - Now we need the salt water to do the last little piece
  - Non-native weeds are there and salt water will kill most of them but a few will remain and will create continuing need for weeding
  - Project will complete wetland restoration
- How much wetland do you anticipate being restored
  - 15-16 acres
- If there is going to be increased water flow, is there a potential for eutrophication or any effects on the bay habitat, particularly the marine habitat?
  - I don't think so, there will be more exchange of fresh/salt water. Normal salt marsh circulation should guard against that because water will not be stagnant
- Regarding the letter you included from Marc Fisher, mentions that CIR has received grant funds to conduct hydrological study about opening tide gates previously?

- This was not correct, we asked for letters in support and for money for hydrological study and legal fees. We are asking you for study money
- You are unsure if you need to put another flood gate in further down the road?
  - Not an engineer so don't know for sure but don't believe so
  - Channel is believed to be blocked at Los Carneros
  - Elevation difference is great enough, so it does not seem there is going to be a problem but this is specifically things the engineer is going to be looking at
  - Prediction of a sea level rise and how that will impact the location
- Is there potential for this to take tidal stress off of Goleta Beach or will it have any affect on that or is it more neutral?
  - Unknown because don't know how much sediment the water carries one way or another, but is something they will be looking at as well
- Can you talk a little more about what you expect the two types of interns to do?
  - The two engineering students would work with the engineering firm
  - If the grant is awarded, he will require the firm to work with the students and provide educational opportunity to work on design
  - Imagining that students participate in calculations/modeling
  - Student working with me would be taking information/analysis and putting it into language for everyone else to understand
- This was mentioned in the Goleta Management Plan originally, so having this removed- is this something that has been required or is it a recommendation?
  - Goleta Slough committee has been proposing this for more than 20 years
  - King tide study in the 90s: gates forced open, during tide to see what happens. Thinks water showed up west of Los Carneros
  - Coastal commision has been on this committee and has to approve LRDP for UCSB, they looked at the language that was in the proposed LRDP and wanted to make it a little more flexible
    - Item 25 in history: added feasible and beneficial tide restoration
    - No clear understanding of where they are coming from, maybe they didn't wanna force the university to move the tide gates

Board Discussion:

- Board goes into closed discussion

*MOTION/SECOND: Courtney/Aral*

*Motion language: motion to table WIN 18-05 with intent to fund*

*ACTION: Consent*

*Additional approval required: YES (Senate)*

**ADJOURNMENT AT 8:38 PM**

*MOTION/SECOND: Tristen/Courtney*

*Motion language: Motion to adjourn meeting at 8:38 pm*

*ACTION: Consent*

*Additional approval required: NO*