

January 14, 2022

Carbon Fund Macro Voting Committee Meeting

Representation	Name and title	Attended?
Faculty	Yihsu Chen (staff)	yes
SUA	5 outstanding email requests	n/a
GSA	Julia Cheresh (student)	Yes
Enviroslug	Kiran Favre (student)	Yes
Procurement	Kathleen Rogers (staff)	Yes
Physical Plant/Energy Staff	Patrick Testoni (staff)	Yes
PoCSC	Chris Lang (student)	yes
CNI/SO Rep	Tina Mathrani (student staff)	Yes
CF Coordinator	Kiaya Moser (student staff)	Yes
CF Coordinator	Kate Battaglia (student staff)	Yes
Non-voting Members		
Sust. Office Director	Elida Erickson	No
Sust. Office CF Manager	Ellen Vaughan	Yes

Agenda:

12:30pm - 12:45pm (Kiaya):

- Introductions: Name, pronouns, and position and what was your favorite part of winter break?

12:45pm - 1:00pm (Kate):

- Budget
 - \$25,884 spent on 7 micros
 - \$94,559 to spend for macros
 - \$364,184 in macro requests
- New Carbon Fund Tagline: "Funding Campus Sustainability and Innovation"
 - Thoughts?
 - Consensus!

- TAPS did not take \$1,357 out of their \$3,986 request for Sust. Transportation Videos
- Any outstanding projects/questions?

1:00pm - 2:00pm (Kiaya):

- Committee deliberations: macro projects
 - Please state any conflicts of interest now
 - None
 - Partial funding is allowed
 - Approving projects “contingent upon” is allowed
 - Grantee presentations are allowed
 - Give or take, we have about 5 mins for each project today
 - We can schedule an additional meeting as necessary
 - [CF Committee Voting Matrix \(Fall 2021\)](#)

Macros:

Kiaya facilitate:

1. [2021-22 Carbon Grant—Microbiological culture incubators](#)
 - They have received funding in the past
 - They have proven successful execution of their projects
 - Good energy savings
 - VOTE: Yes - partial funding - half
2. [Beam EV ARC Sustainability](#)
 - They mentioned no one needed to be involved on campus. More approval would be needed from diverse departments
 - This proposal needs more work and cross campus collaboration
 - Questions about how many people on campus have EVs, how many will benefit?
 - **Carbon Fund team needs to explain approval process to these applicants**
 - VOTE: No
3. [Designing a Fully Electric Self-Driving Vehicle for Reduction of Carbon Emissions](#)
 - Hard to prove emission reduction.
 - FESDV's already exist - more of a research project
 - Proposed as a senior capstone project- good student involvement
 - Good idea, too limited funds this year
 - VOTE: No
4. [Dung Beetles Diversity, Soil Microbes, and Carbon Sequestration in Pasturelands](#)
 - Good for student research - partial funding would still provide some opportunities
 - This is more of a research versus operational project
 - Great program
 - Good future carbon sequestration potential
 - VOTE: Yes-partial-half
5. [Energy efficient oil free vacuum pumps for the UCSC Stable Isotope Laboratory](#)

- A lot of support for this project. A mix of partial and full funding across the committee.
 - Point out to applicant - must include sales tax as part of calculation (*CF note: we should add a line item to the Budget Doc, sales tax & S&H*)
 - This has some of the best savings of all the projects
 - Direct energy savings
 - VOTE: Yes-Partial-approx \$25,000 or what is remaining
6. [Fog Water Collection for Critical Irrigation Needs at the UCSC Farm](#)
- Good that it is connected to outreach, work study, advancing innovation
 - Working w/ climate resilience - drought adaptation is important and relevant
 - Great project but funding is competitive
 - VOTE: Yes-partial-half

Kate facilitate:

7. [Goats Fuel Reduction Vegetation Management: Pilot Program](#)
- Fire prevention very important
 - Students would love it and it would get a lot of attention - good novelty
 - Didn't have a detailed GHG analysis (hard to analysis) and no Budget Projection
 - Ellen: The team has offered to provide a more detailed breakdown of the budget and locations if desired
 - Wondering what would happen if we didn't use goats? Would it be mowed?
 - GHG's are uncertain
 - This is a good project, not sure if it's a relevant project
 - VOTE: No
8. [No-Till Micro Farm Research](#)
- They've gotten funds for similar projects before
 - Not sure the Carbon Fund is the right place for continued farm equipment
 - Research appears to be the main goal, it would be nice to see more realized benefits
 - VOTE: No
9. [Physical Sciences Building Acetone Recycler](#)
- Not sure about student impact or social justice
 - It does address culture - a reusable culture versus a use and discard
 - Contact them about expanding to the campus community - making the recycler more available if possible
 - Great waste reduction
 - VOTE: Yes - full
10. [Significant reduction of community carbon footprint by acquisition of a new cryopreservation storage solution](#)
- What happens to their existing unit? It might be a better time when these breakdown.
 - Procurement would like to understand the source of their quote - the company they mentioned does have an agreement with.
 - Liquid nitrogen reduction is great but not the focus of our funding and grants

- Appreciate the attempts to involve students but student involvement is weaker
 - Something for Green Labs to look into more
 - VOTE: No
11. [Slug Bike Life Helmets and Lights Project](#)
- It would be nice to see what their past efforts have resulted in - how have past CF's been effective?
 - Ellen can send out past Final reports. TAPS has executed multiple past grants successfully
 - Good project but relevant to *carbon* fund? Not sure about GHG figures
 - How many items (helmets/lights) are out there in the world but folks would still pick up a free one if in front of them
 - Good idea, too limited funds this year
 - VOTE: No
12. [Social Sciences Division Electric Cart](#)
- Not sure if they did their due diligence on cart selection?
 - Impact to students? Social justice?
 - Again, good project but it is very tight financial year
 - VOTE: No
13. [The Visual Arts Department ARTCAR project](#)
- Many of the same concerns as above
 - Good student involvement
 - Carbon reduction doesn't appear as significant as other projects, tight financial year
 - VOTE: No
14. [Trial of Solar-Powered Public Waste Container System](#)
- Is a pilot project that could prove the efficiency of Big Bellies as a new system for all of campus
 - This project especially helps Grounds workers in terms of efficiency/when to collect waste
 - VOTE: Yes

Discussion:

- Wrap up meeting at the end of the year - Lunch & Learn in Spring to celebrate 10 year anniversary
- Spring we will work on outreach to students.
 - Survey students this year - what would you like to see from us? How do you like our metric? Poll students.