

SSC Step 1 Meeting
Saturday, March 2, 2019
Location: NSRC 240

Student Attendees:

Adrian Chendra, Julia Marsaglia, Joseph Edwards, Gabriel Mishaan, Johnny Uelmen, Prahallad Badami, Justin Vozzo, Emmanuel Fadahunsi, Ece Gulkirpik, Zishen Ye

Advisor Attendees:

Shanondora Billot, Julie Cidell, Andrew Stumpf, Cathy Liebowitz

Meeting Minutes

Topics for Discussion:

- Voting scope change
- Step 1 Voting

1:16pm: Voting for grants start (vote for - vote against - abstain)

Microgrants

- Addressing Food Insecurity within the Student Community - \$700
 - seems like there is not enough information; request to defer with suggestions for next funding meeting
 - voting to defer: 9-1-0
- Illinois Water Day 2019
 - they have 2x the funding request but other source of funding are coming
 - voting to approve: 9-1-0
- Eco-Olympics Energy conservation competition marketing - \$750
 - the costs are for fees associated with renting the monitor space in housing
 - voting to approve: 10-0-0

Full grants

- Illini Hyperloop - \$10000
 - this will need to have an educational component used for future students
 - since it is limited in student body participation, we need additional information (and if they pass their application to the competition)
 - motion to defer: 8-1-1
- Sustainable Restoration and Growth of the South Arboretum Woods - \$9,996
 - funds to replace shed; good group with lots of support
 - motion to approve: 9-0-1
- Educate on sustainability - \$2,872
 - not student led
 - concern of ours to print many paper documents for a sustainability purpose
 - suggest to go to step 2 with suggestions for ways around this
 - motion to move to step 2 with suggestions: 9-0-1
- Electrical and Computer Engineering Building (ECEB) Interactive, Energy Education/Production/Use Display - \$30000

- not student led
- is 2 kiosks and a screen “overkill”; would 1 kiosk accomplish the same task
 - some concerns: how many students will actually stop and use these kiosks
 - an online interaction UI would achieve the same goal
- motion to approve to step 2: 5-5-0
 - Adrian votes in favor for tiebreaker- moves to 6-5-0
- Certified Green RSO Program Support -\$12500
 - not student led
 - great idea, great project
 - motion to move to step 2: 10-0-0
- WaggleNet - \$15000
 - this is an unregistered RSO, not strictly research purposes
 - if they can provide their services to those on campus, that would be great
 - move to step 2 - 8-0-2
- Vision Zero for UI - \$28,800
 - applied last semester for funding
 - why does this cost so much? can we get a detailed list of costs and how it will be utilized in this project?
 - motion to step 2 with more information: 7-1-2
- South Farm Draper Purchase - \$50000
 - not student-led
 - they want to keep in touch with the community and educate those who use it
 - maybe we can help them buy it, but the people who get the most benefit should pay the most
 - can they commit to planting more cover crops for campus use?
 - motion to step 2 with suggestions to get more support from directly benefiting parties: 9-1-0
- Bee Research Facility Sustainability Auxiliary Building - \$135000-190000
 - a small addition to the existing bee auxiliary building
 - mainly supporting the research hives, but will also support beekeeping club and other groups
 - rooftop solar included in this
 - this is two parts: the structure was ~\$75000-100000 and the rooftop solar was ~\$25000-75000
 - it we suggest ground solar then the roof could be cheaper
 - motion to step 2 (with suggestions on more impacts on campus and funding changes/options: 9-1-0
- Waste Water Elimination and Scale Up Restoration - \$12000
 - student-led
 - two major components - \$7500 elimination of wastewater and \$4500 for expansion and production (bio-diesel)
 - if funded, need to make sure profits get recycled back into the new product for parts, maintenance, rental fees, etc.

- motion to move to step 2: 10-0-0
- Alternative Energy Innovation at the Hydrosystems Laboratory - \$120,000
 - they have \$175000 already approved; for 2 students to work with them
 - motion to move to step 2: 8-0-2
- Water fountain with bottle refill stations in the Illini Union and Bookstore - \$32,100
 - do these have the capability to be retrofit?
 - can we fund this only in the union and not the bookstore?
 - SSC shouldn't have to fund \$30000 for this
 - move to step 2 with suggestion to downscale and focus on one location: 4-6-0
- Recycling Pods - \$40,700
 - these are robust and custom made, why they cost so much
 - the ones that are currently being installed are used often
 - maybe we don't have to fund all 14 but focus at high-traffic areas
 - motion to move to step 2 with reducing the bins and focusing on high traffic areas: 10-0-0
- AgroForestry for Food - Irrigation Initiative - \$65000
 - not student led
 - lots of increase in production for students to eat; profits go back to program to hire students, maintain the system
 - motion to move to step 2: 9-0-1
- Compost Aeration and Heat Recovery (CAHR) system - \$132000
 - at the same location where the geothermal system is located
 - maybe coming up with hybrid system
 - would have a 13 year buy-back
 - motion to move to step 2: 10-0-0
- Expansion and increased utilization of biomass heating at the Energy Farm - \$40000
 - not student led
 - used to buy oven to dry and use for heating
 - motion to move to step 2: 10-0-0
- Sub-surface drainage improvements at the Ag & Bio Engineering Farm - \$73,112
 - not student led and heavy research aspect
 - motion to move to step 2: 0-10-0
- Vav box and controls upgrade to DDC in the Agricultural Engineering Sciences Building - \$100000
 - not student led
 - could be incremental; but we can ask what is the minimum amount required to assemble a team
 - might not be a good cost "buffer" project (there are tons of those on campus)
 - motion to move to step 2: 3-1-6 (goes to step 2)
 - move to re-vote: 2-7-1
- KAM East Gallery Lighting Upgrades - \$75000
 - not student led
 - can we get a metric on return or savings per dollar?
 - seems like we get a lot of lighting projects that are similar to each other

- high visibility in a museum, that's good (receive 100000+ visitors a year, mostly students)
- motion to move to step 2: 10-0-0
- Illini Union I-room LED Conversion - \$26000
 - this is a student-led project
 - relatively cheap and high visibility
 - would this be something the union does anyway, without funding?
 - motion to move to step 2: 9-1-0
- ABE Windows and Doors - \$12,027
 - not student led
 - now asking for \$19000, but includes more windows and doors
 - what are the estimated energy savings?
 - this group have explored their options and exhausted all other funding routes
 - they currently have broken windows on the building
 - motion to move to step 2: 9-1-0
- Illini Union RSO Complex Led Conversion - \$43,200
 - student led
 - motion to move to step 2: 0-10-0
- Vet Med Exterior Lighting Upgrades - \$24,500
 - not student led
 - this could potentially qualify for the revolving loan fund (has buyback periods)
 - motion to move to step 2: 0-8-2
 - but will suggest they consider revolving loan fund
- Art & Design Hallway lighting - \$23,118
 - not student led, but student centralized
 - the natural lighting is good, but further down the hallway is bad
 - they department is matching dollar for dollar
 - motion to move to step 2: 9-1-0
- KCPA LED Cyclorama/Work lights - \$125000
 - not student led
 - not scalable, unlikely to have support past step 1
 - motion to move to step 2: 0-9-1

Moving 982,000 to step 2 (with upper end estimates of grants)