

University of Illinois at Urbana-Champaign
Student Engagement | Student Affairs
Student Sustainability Committee



SSC Board Meeting

The Student Sustainability Committee is a group of undergraduate and graduate students dedicated to building a more sustainable Illinois campus, with the partnership of a team of staff and faculty members. SSC allocates funds annually toward the development and seed-funding of projects that have an environmental impact on the university community.

- I. Meeting Called to Order on: Saturday April 30, 2022
- II. Meeting Called to Order at: 9:09pm
- III. Purpose of Meeting
- IV. Attendance
 - a. Present: Lucy, Caitlin, Natalie, Maria, Sari, Jessica, Sammy, Eric, Kevin, Holly, Nicole, Cici, Emma, Emmarie, Tori, Julia, Sari, Liz
 - b. Absent:
- V. Agenda Items
 - a. Land Acknowledgement
 - b. 2022-2022 Board Recruitment
 - i. If you are a current member and want to continue being apart of SSC, you will need to reapply by Thursday May 5, 2022.
 - c. Budget
 - i. Allocated semester: \$707,252.40
 - ii. Total requested amount for Voting Meeting #1: \$648,880
 - d. Reminders
 - i. Volunteers are needed to assist with Building Envelope Pilot Project at the Transportation Building all day (8am – 5pm) on Saturday May 21, 2022
 1. Let Stacy Gloss (sgloss@illinois.edu) know if you are interested
 - ii. Dr. Andrew Stumpf and his colleague Dr. Alessandro Rota Loria are looking for a demonstration site for a new

geothermal heat exchange technology, they will be applying for funding for Fall 2022.

1. Welcoming SSC student collaboration
- iii. Join SSC
 1. Tell your friends, roommates, etc.
 2. SSC members would be interested in reviewing applications
- iv. Summer Funding
 1. Not a necessity that needs to be considered anymore after voting meeting, most money has been allocated to a project.
- e. Wrap-up
 - i. There might be an upcoming social before SSC is done for the semester.

VI. Action Items

- a. Team Member's Scheduled Responsibilities (Need to be met before next meeting.)
- b. Scope Change
 - i. Composites in Aviation
 1. Motion to Approve scope change for extension: Natalie
 2. Second: Nicole
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- c. Voting
 - i. Intelligent Mobile Sensing Unit for Building Energy Efficiency - \$35,1982
 1. Notes:
 - a. "A [robot] that uses artificial intelligence for automated monitoring of building environment towards improved building energy efficiency and occupant thermal comfort"
 - b. WG (Scotlyn): Robot will have a sensor
 - c. Project budget did go down, with a more detailed breakdown
 2. Motion to Approve: Natalie
 3. Second: Nicole
 - a. Yes 14
 - b. No: 0
 - c. Abstain: 0
 - ii. Illinois Solar Decathlon Build Challenge - \$150,000 (Renu-House)
 1. Notes:
 - a. "[Design and build] a home for a single parent two children... reaching net zero energy emission while incorporating global environment sustainability and affordability"

- b. Solar Decathlon
 - c. WG (Scotlyn): Project leads are trying to be bring more media exposure
 - d. Working on behave of Habitat for Humanity, funding is only for the challenge
 - 2. Motion to Approve: Natalie
 - 3. Second: Caitlin
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- iii. Soil Database for UIUC Campus - \$7,500
 - 1. Notes:
 - a. "the proposed project will bring together all the soil records from campus building projects into one database that will be made available through the ISGS ILWATER mapping project. I will assist F&S Staff and ISGS scientists in developing and building the database and map project"
 - b. Although F&S is enthusiastic about the project, there is the main issue of recurring subscription for database, can be exported out the paid subscription
 - i. Subscription is a one-time payment ranging within the \$1K to \$1.5K
 - 2. Motion to Approve: Caitlin
 - 3. Second: Nicole
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- iv. Environmental Justice Outreach and Research Initiative - \$2.448k
 - 1. Notes:
 - a. "EJORI is a year-long collaborative program to engage undergraduate students in academic scholarship and community outreach for environmental justice, with a focus on issues in environmental racism, intersectional econ-feminism, energy justice, and environmental health"
 - 2. Motion to Approve: Natalie
 - 3. Second: Caitlin
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- v. Sustainable Biochar for Phosphorus Removal and Recovery - \$9,000
 - 1. "Do research on use special biochar to absorb phosphorous in wastewater do reach on sue special biochar as fertilizer once it absorbs phosphorus
 - 2. Motion to Approve: Caitlin
 - 3. Second: Albert
 - a. Yes: 14

- b. No: 0
 - c. Abstain: 0
- vi. Composting with BNAAC - \$7,500
 - 1. Notes:
 - a. Project lead was told to reapply for Step II application but there was no submission
 - b. WG should reach out to encourage them to apply for under \$10k application
- vii. Low Mow Zone PAR/FAR - \$2,500
 - 1. Notes:
 - a. Project is only seeking for \$2,500 rather than the full amount, which is half the original asking price
 - b. Led by Morgan and Brent
 - c. Motion to Approve: Caitlin
 - d. Second: Albert
 - i. Yes: 14
 - ii. No: 0
 - iii. Abstain: 0
- viii. Cetacean (The Whale) Part II - \$97,680
 - 1. Notes:
 - a. Whale has had a design change, will be mainly reusing water bottles
 - 2. Motion to Approve: Caitlin
 - 3. Second: Lucy
 - a. Yes: 12
 - b. No: 1
 - c. Abstain: 1
- ix. Energy Efficient Ultra-low Freezer - \$10,000
 - 1. Notes:
 - a. SSC does yearly freezer challenge, more labs should be requesting equipment upgrades
 - 2. Motion to Approve: Caitlin
 - 3. Second: Natalie
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- x. Biomass Boiler Upgrades to Ash Handling System – \$12,000
 - 1. Motion to Approve: Sari
 - 2. Second: Caitlin
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- xi. Aluminum Bike Parking Canopy – \$12,000
 - 1. Motion to Approve: Caitlin
 - 2. Second: Natalie
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0

- xii. Purchase and install new Eco-Counters - \$60,00 to \$140,000
 - 1. Notes:
 - a. Three-7 sets of bicycle and pedestrian counters with Eco-Counter on campus, which will support future research, projects, and policy
 - b. SSC will vote for what funding can allow for
 - 2. Motion to Approve for 6 Eco-Counters \$120,000: Natalie
 - 3. Second: Caitlin
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- xiii. Purchase and Install Bike Racks for Covered, Secure Bike Cage - \$3,000
 - 1. Notes;
 - a. Fund two bike cages
 - 2. Motion to Approve: Sari
 - 3. Second: Scotlyn
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- xiv. Reducing Water Waste in Talbot Laboratory - \$80,000
 - 1. Notes:
 - a. "unplug Urbana city water, plug in chilled water loop"
 - b. The budget given is only an estimation and might be higher → SSC agrees that they have more funding that can be given if needed
 - 2. Motion to Approve: Caitlin
 - 3. Second: Albert
 - a. Yes: 13
 - b. No: 0
 - c. Abstain: 1
- xv. Student Services Arcade Building Water Bottle Fillers - \$6,900
 - 1. Motion to approve: Caitlin
 - 2. Second: Albert
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0
- xvi. Morrill Hall Sustainable Fume Hood Upgrades - \$145,500
 - 1. Notes:
 - a. Does SSC have enough funding to guarantee full funding? Yes!
 - 2. Motion to Approve: Natalie
 - 3. Second: Caitlin
 - a. Yes: 14
 - b. No: 0
 - c. Abstain: 0

VII. Items to be Discussed at Forthcoming Meeting

VIII. Date of Forthcoming Board Meeting

Good of the Order

IX. Meeting Adjourned at: 10:46am