

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



SSC Voting Meeting #2

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.

1. Meeting Called to Order on: 4/30/23
2. Meeting Called to Order at: 12:11
3. Purpose of Meeting Board Meeting
4. Attendance
 - a. Present: Jack, Lucy, Scotlyn, Tori, Natalie, Tymon, Whitney, Maddie, Claire, Lily, Johanna, Charleston, Milan, Hongxu
 - b. Absent: Liz (proxy), Tessa (proxy), Holly, Jason
5. Agenda Items
 - a. Budget breakdown
 - i. Estimated SCEF Budget for Spring 2023: \$704,190.19
 - ii. Estimated CETF Budget for Spring 2023: \$97,271.51
 - iii. Total: \$801,461.70
 - iv. But we are being asked for \$1,717,847.75
 1. * Have to cut projects down by half essentially
 - b. Scope Change: Seed Bomb Bash
 - i. Students create seed bombs and distribute them in areas lacking native plants, promoting food production and environmental justice
 - ii. Increase funding from \$455 to \$497
 - iii. 16 ye, 0 abstain, 0 no
 - iv. Approved**
 - c. Pollinator Garden (Beekeeping Club) - Student Led, Under 10k

- i. Land, Water, and Air + Education & Justice
 - ii. Asking for \$3,300.00
 - iii. Clearing an existing plot of land to create a pollinator garden with native plants next to the Engineering Quad
 - iv. We were waiting for F&S approval, and we have it now
 - v. Hosting volunteer and educational events to promote sustainable gardening, educate on pollinators' importance, and provide a pretty garden for students to enjoy
 - vi. 15 ye, 0 abstain, 0 no
 - vii. Approved**
- d. LW004 Monarchs Need Milkweed - Student-Led
- i. Land, Water, and Air
 - ii. \$7,000
 - iii. 14 ye, 1 abstain, 1 no
 - iv. Approved**
- e. Revert to Earth; Student Recycling Behavior Research - Student-Led
- i. Food and Waste
 - ii. \$2,295
 - iii. Stated that participant compensation (possible) and travel (probably not possible) could be removed
 - iv. Project aims to study the impact of standardized labeling, separate food waste bins, and education on students' recycling behavior to reduce recycling contamination and implement a compost system on campus
 - v. Motion to approve
 - vi. Accepted for \$2,065**
- f. Solar-Powered Workstation for new Campus Recreation Green Space - Student-Led
- i. Energy + Education & Justice
 - ii. \$10,000
 - iii. Receiving funding for a solar-powered workstation from SunBolt to provide a shaded area for staff, faculty, community members, and students
 - iv. Limiting health hazards from heat exhaustion, promoting sustainability, creating a space for individuals to gather and build community
 - v. 14 ye, 0 no, 2 abstain
 - vi. Approved**
- g. South Campus Center for Interdisciplinary Learning (SSCIL)
- i. Energy
 - ii. \$500,000 (Gies and the project team recommend dividing into two to four tranches and are flexible on how the amounts are divided among the funding cycle)
 - iii. Called Steven S. Wymer Hall

- iv. Hybrid educational facility seeking grant funding for \$7.1 million geothermal field to provide heating and cooling for the building, targeting LEED platinum certification, and aiming to achieve net-zero energy and carbon within its first year of operation
 - v. Can not give full funding, will give what we have left
 - vi. 15 yes, 0 abstain, 1 no
 - vii. Approved for \$100,000**
- h. Temple Hoyne Buell Hall DDC Upgrade of Room Equipment
- i. Energy
 - ii. \$150,000
 - iii. The project involves upgrading HVAC controls at Temple Hoyne Buell Hall to reduce the building energy footprint, increase indoor air quality, and improve comfort level for students and staff, by replacing outdated and failing room-level functionality to reduce airflow and better control space conditions, and thereby reduce excess heating/cooling throughout the year and large energy costs
 - iv. Partial funding - \$80,151.95
 - v. 15 ye, 1 abstain, 0 no
 - vi. Approved for \$80,151,95**
- i. Wohler's Hall Building HVAC Controls Upgrade
- i. Energy
 - ii. \$150,000
 - iii. The project involves upgrading HVAC controls at Wohler's Hall to reduce the building energy footprint, increase indoor air quality, and allow better control of the air supply units, by installing new controls, dampers, and actuators on the 9 air handling units to utilize more free cooling throughout the winter months, and reduce the reliance on campus chilled water, thereby reducing the annual cost of conditioning offices, conference rooms, and lecture halls
 - iv. 0 ye, 16 no, 0 abstain
 - v. Rejected**
- j. Improving the sustainability of the freezer room at the Wildlife Veterinary Epidemiology Laboratory
- i. Energy
 - ii. \$50,000
 - iii. F&S approved w/ concern that the estimated budget is a bit low considering the cost of installation and it may require more than \$50,000
 - iv. The project involves improving the lab infrastructure of the Wildlife Veterinary Epidemiology Laboratory to reduce energy consumption, enhance the lab's sustainability performance,

and provide sustainable and efficient storage of samples, by upgrading the ULT freezers, -20°C freezers, and refrigerators that are stored in the lab, as part of the lab's efforts towards building a culture of sustainability

v. Motion to Approve

vi. 11 ye, 3 abstain, 1 no

vii. Approved for \$50,000

k. Demonstration of Enderdrape Thermal Energy Exchange System in Steam Tunnel

i. Energy

ii. \$50,000

iii. The project aims to evaluate a new geothermal energy technology developed by Enderdrape that taps waste heat from underground infrastructure to heat adjacent buildings, by installing modular and scalable geothermal heat exchange panels on the UIUC campus, capturing and reusing waste heat from a steam tunnel as an additional source of thermal energy.

iv. 16 ye, 0 abstain, 0 no

v. Approved for \$50,000

l. Establishing high-efficiency cold storage capacities

i. Energy

ii. \$30,691.36

iii. The Miller Lab in the Department of Evolution, Ecology and Behavior is seeking to purchase energy-efficient fridge and freezer space, including 4C refrigeration and -20C freezers for conventional histology and wet lab, and -80C freezer space for molecular work, to minimize their energy consumption needs and meet the sustainability goals of their unit and the university.

iv. 15 ye, 1 no, 0 abstain

v. Approved

m. Purchase of a Bike Shelter for E-15 Parking Garage and Hiring a Student Intern for Sustainable Transportation

i. Transportation and Infrastructure

ii. \$150,000

iii. The project aims to purchase an enclosed bike shelter at the parking garage in lot E-15 to encourage sustainable transportation on-campus by providing a sheltered parking location for bikes, with a requested funding of \$150,000, including \$130,00 for bike shelter and \$20,000 to hire an undergraduate student intern for one year [pencil in 20k]

- iv. 16 ye, 0 no, 0 abstain
- v. **Approved for \$20,000**
- n. ISTC - UIUC Waste Characterization Study & Opportunity Assessment
 - i. Food & Waste
 - ii. \$18,979.00
 - iii. The Illinois Sustainable Technology Center and Facilities & Services aim to conduct a waste audit in eight campus buildings during Fall 2023, with three deliverables: waste stream characterization, stakeholder focus groups to gather feedback for waste reduction initiatives, and a report summarizing current and planned waste initiatives as a resource for the campus.
 - iv. 14 ye, 1 no, 1 abstain
 - v. **Approved for \$18,797**
- o. College of Education - South Atrium Green Wall
 - i. Education and Justice
 - ii. \$50,000
 - iii. The project involves designing and installing a green wall in the College of Education's south atrium to improve indoor environmental quality, and serve as an innovative teaching and learning space for COE courses, including those for teachers, to increase sustainability education on campus.
 - iv. 15 ye, 1 no, 0 abstain
 - v. **Approved**
- p. WRC Ecofeminism Summit 2023
 - i. Education and Justice
 - ii. \$20,000
 - iii. "The Ecofeminism Summit 2023 offers a series of programs designed to connect social justice, environmental justice, and feminist theory. Keynote lectures, workshops, film screening, and lectures will provide students with unique opportunities to further explore ecofeminist theory and praxis."
 - iv. 16 ye, 0 no, 0 abstain
 - v. **Approved**
- q. Foundations for Cultivating Indigenous Gardens within the Southern Arboretum Woodlands [SAW]
 - i. Land, Water, and Air
 - ii. \$149,320
 - iii. The project involves a collaboration among Tribal and UIUC collaborators to establish forest gardens within the Southern Arboretum Woodlands by planting native plants traditionally used by indigenous people for various purposes, and to provide a service to tribal partners in the recovery,

preservation, and production of Native Knowledges related to plants, language, and cultural practices, through outreach, instructional, and research activities.

- iv. Contingent on receiving reasonable budget
- v. 16 ye, 0 no, 0 abstain

vi. Approved

r. Restoration of Lincoln Avenue Residence Halls Native Plant Gardens

- i. Land, Water and Air
- ii. \$9,912.30
- iii. The project aims to restore the native gardens around the Lincoln Avenue Residence halls by purchasing and planting native vegetation, with the goal of contributing to the 2020 iCAP and the 2019 Campus Resilient Landscape Strategy, and providing multi-functional spaces for campus well-being and plant biodiversity.
- iv. Some concerns from F&S
- v. 16 ye, 0 no, 0 abstain

vi. Approved

s. Rainwater Management Plan

- i. Land, Water & Air
- ii. \$200,000
- iii. The project involves developing a comprehensive Rainwater Management Plan for UIUC, which will include recommendations to protect the existing stormwater system, mitigate flooding issues, and create new rainwater management system improvements, such as rainwater reuse and green infrastructure technologies, to enhance the ecology and aesthetics of campus while transitioning to the emerging paradigm that treats rainwater as an asset rather than a nuisance.
- iv. Want a few more details & more student engagement
- v. 12 ye, 3 no, 1 abstain

vi. Approved

6. Action Items

- a. Team Member's Scheduled Responsibilities (Need to be met before next meeting.)

7. Meeting Adjourned at: