

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: October 23, 2021
- II. Meeting Called to Order at: 9:22 am
- III. Purpose of Meeting: Vote on Step 1 Application, scope changes, and a couple of events
- IV. Attendance
  - a. Present: Jack, Maria, Caitlin, Natalie, Julia, Matt, Albert, Hunter, Sammy, Jack, Morgan, Amanda, Enzo, Cici, David, Gina, Holly, Lucy, Emma, Mallory, Tori, Nicole, Gina, Scotlyn, Emmarie, Eric G., Eric B., Kyle, Liz
  - b. Absent: Scotlyn, Jessica, Barry, Kevin, McKenzie, Esther, Andrew, Alexandra, Lisa, Amanda, Meredith
- V. Agenda Items
  - a. Land Acknowledgement Statement
  - b. Environmental Leadership Program
    - i. Looking for students to participate
    - ii. Weekly meetings, legislative aspects → Working with policy
    - iii. On the ESE website, if interested
  - c. Sustainability Ged Ed
    - i. Have a sustainable category for Ged Ed science
      1. Nicole, Julia, and Sari willing to help
  - d. Earth Week Programming and Planning – Dave Guth & Louis Sommesi
    - i. IU, Board, SSC, ISG
    - ii. Art Gallery
    - iii. Intention to start planning now to get ready for the spring

- iv. Might involve dumpster diving, to examine the various waste products
  - 1. Let David Guth, know if you would be interested in being a part of the Green Team
  - 2. Maria & Albert are interested
- v. Perhaps bring in SSES, the oldest environmental RSO on campus → Yes, marketing is very strong and they are able to bring in various RSOs in.
- e. Sustainability LLC Meeting w/ Chris Murphy
  - i. Would like to have the SSC come in and brainstorm new project ideas
    - 1. Set the tone for new freshman and sophomores
  - ii. Gina believes that is a great opportunity to partner with housing, it would be a good idea to figure out how to work out the problematic aspects of LLC; especially the lack of connection | Great opportunity!
  - iii. Present on November 11, 2021 by Caitlin & Natalie
- f. Financial reminders
  - i. Cleaner Energy Technologies Fee (CET) Balance: **\$109,326.46**
  - ii. Sustainable Campus Environment Fee (SCEF) Balance: **\$858,577.16**
    - 1. Larger sum of money, would rather spend all funding as that is a goal of the SSC
- g. Promote and attend the Sustainability Research Symposium at CIF
  - i. Tuesday October 25, 2021 @5-8pm

## VI. Action Items

- a. Team Member's Scheduled Responsibilities (Need to be met before next meeting.)
- b. Approving Minutes
  - i. Approved
- c. Scope Change: "Pilot-Scale Implementation of Environment-Enhancing Energy (E2E) Paradigm for Food Waste to Biofuel and Biomaterial"
  - i. There was a delays due to COVID with the equipment and are requesting an extension; they are waiting for reactor coil and heat exchanger
  - ii. Motion to Approve: Julia
  - iii. Second: Matt
    - 1. Yes: 16
    - 2. No: 0
    - 3. Abstain: 0
- d. Scope Change: "Illini Formula Electric"
  - i. Motion to Approve: Caitlin
  - ii. Second: Natalie
    - 1. Yes: 16

2. No: 0
3. No: 0
- e. Submetering for Supporting Energy Savings - \$75,000-150,000
  - i. Outfit sub-metering devices to collect granular and fine data on building energy consumption end-use
  - ii. Critics say that submetering for Supportive Energy Savings:
    1. "Provides useful data for future research"
    2. "Is really cool"
    3. "Would be better if it cost \$75,000 for sure"
  - iii. Motion to Approve: Caitlin | Clearer and detailed finance
  - iv. Second: Sari
    1. Yes: 16
    2. No: 0
    3. Abstain: 0
- f. Illini Solar Car - \$45,000
  - i. Solar car is a multidisciplinary engineering student design team. This is the construction of their third vehicle to be most efficient Illini Solar Car yet.
  - ii. Critics Consensus:
    1. "Let these kids make their cool car"
    2. "RSO has a large membership that gets a lot out of these projects"
    3. "Sun car... Sun car"
  - iii. Motion to Approve: Julia
  - iv. Second: Natalie
    1. Yes: 16
    2. No: 1
    3. Abstain: 0
- g. Sustainability Mural: \$10,000
  - i. Mural to inspire students to think about sustainability | 3 Pillars of the Mural Project: Power of I, Sustainability and Technology, Arts
  - ii. Submit a Step 2 Application, with sight approval, design prototype, and more detailed finance breakdown
  - iii. Motion to Approve: Caitlin
  - iv. Second: Matt
    1. Yes: 16
    2. No: 0
    3. Abstain: 0
- h. Effectiveness of Feedback in Reducing Water... \$9,972
  - i. Study the effectiveness of various informational feedback methods in changing resident water and energy consumption behaviors in showers
  - ii. Critic Consensus:

1. Good Data could be collected
  2. Might encourage more sustainable behavior in students
  3. Eco-Olympics 2?
  4. May be somewhat limited in scope and student involvement
- iii. Idea: Maybe have a 5-min playlist, have these students try to challenge themselves to finish showering in time | There is significant science that has shown that this isn't working | We should perhaps move them towards Step II and give them a more guided route
  - iv. Want: Acknowledgement of prior research, and specific about design interest
  - v. Motion to Approve:
  - vi. Second:
    1. Yes: 15
    2. No: 1
    3. Abstain: 1
  - vii. Motion to Fund Immediately
  - viii. Second
    1. Yes: 4
    2. No: 9
    3. Abstain: 0
- i. Utility Boxes - \$440
    - i. Incorporate art w/ sustainability, specifically renewable energy; painting murals on a utility box
    - ii. Critic Consensus:
      1. F&S own most the utility boxes on campus, need to talk to Stacey DeLorenzo – need to have approval from F&S ARC & Ameren
      2. “Need to see some approval before we can proceed with funding”
      3. “Visible and cheap way to promote sustainability on campus”
    - iii. Motion to Postpone: Maria | Until appropriate measures
    - iv. Second: Matt
      1. Yes: 17
      2. No: 0
      3. Abstain: 0
  - j. Prosperemos Safe Haven - \$10,000
    - i. F&S motivates SSC to move them to Step II | Should have a clearer financial budget, and need to have approval from ARC
    - ii. Motion to Approve to Step II: Natalie

- iii. Second: Albert
      - 1. Yes: 17
      - 2. No: 0
      - 3. Abstain: 0
  - k. Atmospheric Plasma for Sanitation - \$5,685
    - i. Project would procure a handheld atmospheric plasma generating device for testing the use for sanitation in the University College of Medicine to improve sanitation, and replace some chemical sanitation methods in use
    - ii. Critics Consensus:
      - 1. F&S: College of medicine needs to approve this project
      - 2. SSC: Need to have support from College of Medicine, some believe that it strongly promotes student sustainability, clear signs to not move it forward
      - 3. Morgan, suggested that this a requirement for his class
    - iii. Motion to Deny: Lucy
    - iv. Second: Caitlin
      - 1. Yes: 13
      - 2. No: 2
      - 3. Abstain: 2
  - l. Students Against Fast Fashion - \$360
    - i. Install donation bins in residence halls to collect unwanted clothes, would host a pop-up fundraiser selling the donated clothes back to students at a reduced cost
    - ii. Critic Consensus
      - 1. F&S: Need to reach out to Matt Brown @ housing, would be hectic during move-out week, should look into Dump and Run
      - 2. SSC: Revenue?, might be redundant but maybe in a more high-traffic areas
    - iii. Motion to Postpone: Mallory
    - iv. Second; Natalie
      - 1. Yes: 17
      - 2. No: 0
      - 3. Abstain: 0
  - m. Air Quality Testing of HVAC Unit - \$30,000-50,000 → \$5,000
    - i. Efficient building ventilation and filtration performance in indoor spaces, help keep people safe indoor
    - ii. Critic Consensus:
      - 1. The seems like they are outsourcing to a company, seems to be direct fund to them and not the students
      - 2. Sustainability seems like an afterthought
      - 3. Energy efficiency might not be concretely covered within part of the project we're funding

4. To what extent does health and safety problem like air quality fall under the "sustainability" umbrella
- iii. Motion to Approve: Maria
- iv. Second: Caitlin
  1. Yes: 17
  2. No: 0
  3. Abstain: 0
- n. Morrill Hall Fume Hoods:
  - i. Install sustainable fume hoods in Morrill Hall in conjunction with an HVAC upgrade thru the CDB
  - ii. Critic Consensus
    1. F&S: Great time to upgrade fume hoods, putting in new air handling units, ductwork, and VABs
    2. SSC: Urgent and very impactful, need a more detailed budget and timeline to justify cost
  - iii. Motion to Approve to Step II:
  - iv. Second:
    1. Yes: 17
    2. No: 0
    3. Abstain: 0
- o. Anaerobic Renewable Energy
  - i. Convert food waste into energy: buy digesters, piping, and a shelter
  - ii. Critic Consensus:
    1. F&S: inaccurately low
  - iii. Motion to Deny
  - iv. Second
    1. Yes: 16
    2. No: 1
    3. Abstain: 0
- p. EV Bikes - \$10,000
  - i. Implement the most advanced EV bikes for the ready availability of students to travel
  - ii. Critic Consensus
    1. There are already more bikes coming to campus
  - iii. Motion to Deny: Natalie
  - iv. Second: Matt
    1. Yes: 15
    2. No: 2
    3. Abstain: 0
- q. Single Use Plastics Reuse and Elimination - \$78,000
  - i. Motion to Approve for Step II:
  - ii. Second:
    1. Yes: 17

- 2. No: 0
- 3. Abstain: 0
- r. Identifying the Campus Benefits of Large Scale Prairie - \$30,000
  - i. Reducing UIUC's carbon footprint requires quantifying natural carbon sinks and identifying repeatable techniques to achieve them
  - ii. Critics:
    - 1. Partially funded in the past, aligns with ICAP goals, good direct involvement
  - iii. Motion to approve: Maria
  - iv. Second: Caitlin
    - 1. Yes: 17
    - 2. No: 0
    - 3. Abstain: 0
- s. Sustainable World
  - i. Creation of a well-resourced network of science educators dedicated to the teaching and learning of core sustainability education
  - ii. Critics Consensus:
    - 1. Important community involvement
    - 2. Campus student engagement portion might be expanded
  - iii. Motion to Approve to Step II: Caitlin
  - iv. Second: Natalie
    - 1. Yes: 17
    - 2. No: 0
    - 3. Abstain: 0
- t. Inspection and Sustainable Repair of Campus Pavements - \$100,000
  - i. Intervention of pavements in poor condition, making a more sustainable sealant
  - ii. Critics Consensus:
    - 1. SSC: Unclear budget breaks down from this project, sustainability repairs campus pavements is really important, perhaps GIS involvement
    - 2. See-Click-Fix in the Champaign-Urbana area, maybe for something like this for campus
  - iii. Motion to Approve to Step II: Caitlin
  - iv. Second: Natalie
    - 1. Yes: 17
    - 2. No: 0
    - 3. Abstain: 0
- u. Purchase and Install New Eco-Counters - \$60,000

- i. Help them purchase and install 3 sets of bicycle and pedestrian counters with Eco-counter on campus, support research, projects, and policy
  - ii. Critic Consensus:
    - 1. SSC: Confusion as to the function of counters, can generate useful data
  - iii. Motion to Approve to Step II: Sari
  - iv. Second: Caitlin
    - 1. Yes: 17
    - 2. No: 0
    - 3. Abstain: 0
- v. Renewable Energy House - \$3,000
  - i. 3D printed house that would incorporate different types of renewable energy sources
  - ii. Critic Consensus:
    - 1. SSC: Good tool for increasing engagement, make add a little person w/ SSC logo, encourage professor to have student engagement
    - 2. Perhaps have this displayed in a Sustainable World, or at elementary schools
  - iii. Motion to Approve to Step II:
  - iv. Second:
    - 1. Yes: 17
    - 2. No: 0
    - 3. Abstain: 0
- w. iCAP Resilience Theme Project Management - \$18,025
  - i. Hire someone for six months to advance the resilience objectives in the iCAP for half-time internal-to-campus, get an intern for each objective and give them class credit
  - ii. Critic Consensus:
    - 1. Do we have to pay for this?
    - 2. Seems like a useful position to fund
  - iii. Motion to Approve to Step II: Caitlin | More detailed on student involvement
  - iv. Second:
    - 1. Yes: 15
    - 2. No: 1
    - 3. Abstain: 1
- x. Pilot for National Green Infrastructure Certification - \$2,400
  - i. Provide support for 4 F&S staff or designees to receive training and certification
  - ii. Critic Consensus
    - 1. Do we have to pay for this?
    - 2. Seems important but student is unclear



- iii. Motion to approve: Caitlin | Need more detailed information on student involvement
    - iv. Second: Julia
      - 1. Yes: 11
      - 2. No: 4
      - 3. Abstain: 2
  - y. Cetacean (The Whale) - \$68,950
    - i. 3-year project culminating in a public performance built around a full-scale blue whale skeleton, will serve as an educational platform for ideas about ecological systems, climate change, and resilience
    - ii. Critic Consensus:
      - 1. SSC: Seems like a nice combo of art and sustainability
      - 2. Concerns about cost and actually visibility in Stock Pavilion
      - 3. Timeline might pose a problem
    - iii. Motion to approve: Natalie
    - iv. Second; Caitlin
      - 1. Yes: 15
      - 2. No: 2
      - 3. Abstain: 0
- VII. Items to be Discussed at Forthcoming Meeting
  - a. Utility Boxes - \$440
  - b. Students Against Fast Fashion - \$360
- VIII. Date of Forthcoming Board Meeting

Good of the Order

- IX. Meeting Adjourned at: 12:06 pm