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
   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
      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
ii. 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

ii. 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. Morril Hall Fume Hoods:
i. Install sustainable fume hoods in Morril 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 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