

Step 2 Voting Meeting  
April 14, 2018

Student Attendees: Nick Heyek, MJ Oviatt, Justin Vozzo, Adrian Chendra, Chen Zhang, Zishen Ye, Sarah Angelbeck, Rebecca Laurent, Ece Gulkirpik, Bryan Parthum, Rebecca Ambresh

Advisor Attendees: Morgan White, Joseph Youakim, Cathy Liebowitz, Andrew Stumpf, Ximing Cai

NOTE: The committee used the i-clicker system to vote for the first time: A = yes, B = no, C = abstain

Scope change for Student Space Systems (liquid V1 rocket engine)  
11 **yes**, 0 no, 0 abstain

Current Funding Situation

Remaining Budget for 2017-2018: \$350,000

12 projects for funding consideration

Projects:

- Illini Lights Out (Student-led)
  - Expand ILO
  - Concerns about spending breakdown and using money for prizes and food
  - \$10,000
  - Contingency that no more than \$1,000 can be spent on food/prizes-- 3 yes, 7 **no**, 1 abstain
  - Contingency that no SSC funding shall go towards prizes-7 **yes**, 4 no
- E2E Paradigm for Food Waste to Biofuel and Biomaterial Phase 2 (Student-led)
  - Continuation of Fall 2018 project, dining hall food waste into biofuel
  - Research focused
  - \$4,000 requested for student travel
  - Helps food waste, but also contributes to carbon emissions through fuel
  - \$200,000
  - 0 yes, 11 **no**, 0 abstain
- Green Labs Pilot Program
  - Student internships only
  - \$11,000
  - 9 **yes**, 2 no, 0 abstain
- Pilot Scale demo of plastic-to-fuel tech to produce fuels on campus

- Continuous pilot scale
- Research focused
- What happens when the project runs out of SSC funding?
- Minimal student involvement
- \$133,000
- 0 yes, 11 **no**, 0 abstain
- Geothermal exchange for greenhouses at WPP
  - Design, install, & monitor geothermal exchange system at WPP
  - Not just research or demonstration, but actual implementation with quick positive environmental impact
  - Students involved through living lab concept
  - \$132,550
  - 10 **yes**, 0 no, 1 abstain
- Green Source Building Panels
  - New equipment to create green source building materials
  - Unit already has most of the equipment required
  - \$68,955
  - 1 yes, 10 **no**, 0 abstain
- LED in Illini Union rooms 104 and 222 (Student-led)
  - Big impact on energy usage in a high traffic area
  - Low student-involvement
  - \$46,000
  - 10 **yes**, 0 no, 1 abstain
- Dual Flush Toilets (Student-led)
  - Reduce water consumption at Undergraduate Library through dual-flush toilets
  - Great cost-benefit ratio
  - \$5,715
  - 10 **yes**, 1 no, 0 abstain
- SAW learning and volunteer opportunities
  - Carbon sequestration improvements
  - Lots of student involvement
  - An area of sustainability that SSC has frequently supported
  - \$40,000
  - 7 **yes**, 3 no, 1 abstain
- Trelease Woods Forest Census
  - Over 2,500 student worker hours
  - Great impact even if the census is only done this once
  - Opportunities for classes to learn about forest management and carbon sequestration

- \$69,468
- 8 **yes**, 2 no, 1 abstain
- Illini Gadget Garage
  - How does IGG compare to the Campus Bike Center's operating model?
  - Can IGG be financially successful at UIUC?
  - Focuses on e-waste, an area that this campus generally doesn't discuss
  - \$12,000
  - 4 yes, 6 **no**, 1 abstain
- Temple Buell Hall as Energy Learning Lab
  - Variety of building, energy saving renovations
  - Break down of budget and priority
  - Like the projects, but don't have the budget to fund everything
  - \$300,000
  - \$38,000 to fully cover window hardware with flexibility to use the funding on any projects that were proposed: 10 **yes**, 1 no, 0 abstain

#### Bylaws

- Reduce graduate student minimum to two, from three, since the recruitment process continuously fails to meet the three student requirement.
- Add ISG Committee on Environmental Sustainability to jointly appoint SSC members with ISG Internal Affairs
- Approve changes to send forward to iSEE: 10 **yes**, 0 no, 1 abstain