View results

| | Respondent | | 08:01 |
| 1 | Codie Sterner | | Time to complete |

Instructions:

Please adhere to the session word counts. Project leads must attend one SSC working group meeting post step 1 application submission. If you have any questions about the application process, please contact the SSC at Sustainability-Committee@illinois.edu.

1. Have you attended a working group meeting and presented your project to the committee before this application? The SSC requires attendance at a working group meeting to remain eligible for SSC funding. If you have not attended a working group meeting, please do so and then continue the application.

    Linked below is our calendar with all of our working group meetings
    https://studentengagement.illinois.edu/student-sustainability/ssc/calendar/

    *

    ◉ Yes

    ◯ No

2. Please enter the dates of the working group meetings you attended. As a reminder, the working group meetings are structured as followed:

    - Energy + Transportation and Infrastructure working group.
    - Food & Waste + Land, Air, and Water working group.
    - Education and Justice working group.

    *

    | 10/25/2023 |

3. Project Name: *

    | University Supply Chain Procurement Study to Determine Planned Obsolescence Behaviors |

4. Total Funding Requested From the SSC. *

    | $42,630.00 |

5. Date of application. *

> 10/30/2023

6. Project Lead Full Name: *

> Mark Mock

7. Project Lead University Email Address. *

> mmock@illinois.edu

8. Project Abstract: (In less than 100 words, briefly describe the project.) *

> My team will study university analytics involving supply chains and the implications of responsible consumerism. If successfully gathered, the data from studying the university suppliers and stakeholders will provide insight into whether the university is responsible for supplying funds to corporations known to implement planned obsolescence in their manufacturing.

9. Project Category *

○ Education & Justice

○ Energy

◉ Food & Waste

○ Land, Air & Water

○ Transportation & Infrastructure

10. Do you have a change in team members? *

○ Yes

◉ No

Project Questionnaire:

11. Any press releases or educational/promotional materials involving the project must acknowledge SSC funding. How will you bring awareness and publicize the project on campus? In addition to SSC, where will information about this project be reported? *

> All reports will feature an introduction of the SSC in the abstract, any publication online will feature SSC sponsor media as well as recognition when local and global media are present in interviews. SSC will have access to all reports and may share media as long as project authors are cited from research material.

12. Other than the project team, who will have a stake in the project? Please list other individuals, groups, or departments affiliated directly or indirectly by the project. This includes any entity providing funding (immediate, future, ongoing, matching, in-kind, etc.) and any entities that benefit from this project.

Please attach letters of commitment or support below *

> The UIUC and its sustainability development are the largest stakeholders. Then follows the UIUC student body, which includes the SSC and all environmental stewardship groups and RSOs. Secondly UIUC venders will be affected by the results of the research. Ideally after assessing the supply chain and scope 3 emissions the UIUC procurement department will reconsider specific vendors.

13. Please attach any letters of commitment or support here along with any other supplemental media that will support your application (presentations, pictures, etc.)

   🖼 GreenFund-SSC-rgb_Codie Sterner.jpg

14. How does this project impact environmental and social justice? 250 word max *

> This project directly impacts the environment by increasing awareness of smart consumerism. This research targets to study and educate the UIUC stakeholders on focusing on Life Cycle Assessments in hopes to enhance environmental awareness. Since this is a non-university-initiated investigation it will allow for independent social environmental advocacy. Researching in an independent environmental will ideally produce a non-biased inquiry and the research will be maximized in its potential.

15. Where is the project located, does it require Facilities and Services permissions? *

> We will be interviewing staff and faculty from Facilities and Services; they are willing to be interviewed to help the study. The research will take place on various sites around the UIUC campus, along with Zoom, Team and phone interviews.

16. Is this project student led? *

   ○ Yes

   ◉ No

17. If applicable, have you received approval from Facilities & Services and/or site manager? *

   ◉ Yes

   ○ No

   ○ N/A

18. Do you have a plan for ongoing funding beyond SSC? (SSC does not guarantee ongoing financial support) *

   ○ Yes

   ◉ No

19. Beyond SSC, do you have sources contributing funding or support (ex. staff time, external grants, etc.) to this project? *

- ( ) Yes

- (●) No

20. Have you applied for SSC funding previously? *

- ( ) Yes

- (●) No

21. Project Timeline:
    (SSC funding agreements remain active for two years. List your project's proposed end date.) *

    > Designing a database: 2/26/2024
    > Registering stakeholders: 3/26/2024
    > Scheduling interviews and generating interview algorithms: 4/26/2024
    > Engineering a scale system for planned obsolescence: 6/20/2024
    > Creating a Tableau dashboard to display findings: 8/20/2024 Hire an outside consultant to provide counter-metrics comparison: 11/20/2024
    > Present results to the board of trustees: 12/20/2024
    > Publish Abstract and results in Sustainability Now: 4/20/2025

22. Provide a detailed project description:
    (In 400 words or less, describe your project. What does your project hope to accomplish? What are your project's deliverables?)
    *

    > We aim to enhance sustainability via responsible consumerism. If the university has the results from this study, it will improve credibility for procurement for the UIUC. Better information can provide the basis for better purchasing. If the information is also public, it will cause stakeholders to be aware of the publication results. This eliminates the possibility for UIUC purchasing stakeholders to enact plausible deniability. The deliverables for the project will be an abstract and a scientific article that will ideally be published in Sustainability Now, as well as a functional Tableau dashboard that may be embedded in university media.

23. Environmental Impact:
    (In 200 words or less, how does your project increase environmental stewardship at UIUC? If applicable, what is the carbon, water, waste, and/or energy savings?) *

    > The environmental impact will be a reduction in purchasing products with a low Life Cycle Analysis (LCA). Planned obsolescence is a manufacturing method that produces products with a limited shelf life, causing the need to purchase replacements early and often. Products with a high LCA will provide less waste, less carbon footprint on shipment, and better quality for repair. Less products bought lowers landfill rates and creates responsible consumerism for the UIUC campus.

24. iCAP Objective Correspondence:
    (In 200 words or less, does your project aim to advance one or more of the Illinois Climate Action Plan's (iCAP) objectives? If so, how?)

    A full list can be found here: https://icap.sustainability.illinois.edu/objectives

    > The Illinois Climate Action Plan will be able to implement the published results of the abstract and scientific article. The Tableau dashboard can be embedded in the iCAP portal, and the overall results of the research can be studied in class materials.

25. Student Impact:
(In 200 words or less, how will this project benefit students? How will students be involved with this project? What educational components are in your project?)
    *

> 1,660 hours of paid work will be given to student interns. The experiences they gain during the research will provide them with direction and scope of sustainability in the higher education industry. University students will also be able to enjoy the status of a university that perpetuates stewardship by supporting future environmental and sustainability initiatives.

Project Finances

26. See attached file, please be very descriptive and fill out the finalized budget and timeline Excel sheet, and submit it below.

https://studentengagement.illinois.edu/student-sustainability/ssc/docs/SSC-Supplemental-Budget-Timeline.xlsx
    *

   📊 University Analytical Study of Planned Obsole_Codie Sterner.xlsx

27. Project Finance Manager.
Must be a fulltime UIUC faculty or staff member** *

   Molly Mcmoney

28. Finance Project Manager Department *

   Department of Nuclear Engineering

29. Project Finance Manager University Email *

   momoney@illinois.edu