**Funding Criteria**

**A. General Rules**

1. Students, faculty, and staff are encouraged to submit requests for funding. Student-led projects require a faculty or staff sponsor in order to have funds awarded.
2. Funding can only go to university-affiliated projects from students, faculty, staff, and departments.
3. All SSC projects must make a substantial impact on students. All SSC funding is 100% from student green fees, so the projects funded by the students must benefit them.

**B. Things SSC Can Fund, On A Case-By-Case Basis**

1. SSC can fund feasibility studies and design work; however, it must work toward ultimately addressing a sustainability need on campus.
2. SSC can fund staff positions that are related to improving campus sustainability. Strong preference will be given to proposals receiving matching funding from departments and/or plans for maintaining continuity of the position after the end of the initial grant.
3. SSC can fund outreach events with a central theme of sustainability, provided their primary audience is the general campus community.
4. SSC discourages requests for food and prizes but will consider proposals on a case by case basis.
5. SSC can fund repairs and improvements to existing building systems as long as it works toward the goal of improving campus sustainability.
6. SSC can provide departments with loans for projects with a distinct payback. Loans will require a separate memorandum of understanding between SSC and departmental leadership pledging to repay the award in full and detailing the payback plan.

**C. Things SSC Will Not Fund:**

1. SSC will not fund projects with a primary end goal of generating revenue for non-University entities.
2. SSC will not fund personal lodging, food, beverage, and other travel expenses.
3. SSC will not fund any travel expenses.
4. SSC will not fund tuition or other forms of personal financial assistance.

**Instructions**

*Submit this completed application and one map, graphic, or picture to* *Sustainability-Committee@Illinois.edu**. Please adhere to the session word counts. The committee holds the right to decline applications over the designated word counts. If you have any questions about the application process, please contact the Student Sustainability Committee Coordinator at* *sustainability-committee@illinois.edu.*

**Project Name:**  Purchase of Bike Shelter for E-15 Parking Garage and Hiring a student intern for sustainable transportation.

**Total Amount Requested from SSC:** $180,000

**Primary Project Leader Name & Email:** Mitchell Bryant: mbryant3@illinois.edu, Tyler Swanson: tswans4@illinois.edu, Sarthak Prasad: sprasad9@illinois.edu

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| **Project Abstract:** In less than 100 words, briefly describe your project.  |
| We propose the purchase of an enclosed bike shelter at the soon to be completed parking garage in lot E-15 at the intersection of 4th Street and Pennsylvania Avenue. This location encourages students to use bicycle transportation to attend campus events at the State Farm Center, Memorial Stadium, and Activities and Recreation Center by providing a parking location sheltered from the elements. Further, Faculty and Staff may use the bike shelter as a means to switch to bicycling instead of driving for travel around campus. Thus, the shelter will advance iCAP goals pertaining to sustainable transportation.We will re-evaluate the funding needs for construction and installation of the bike shelter and may come back to SSC in fall 2023 or spring 2024. A student intern will also be hired to support the sustainable transportation on-campus for one year.We request a funding of $180,000 for this project, of which $160,000 will be used to purchase the bike shelter and $20,000 will be used to hire an undergraduate student intern. |

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|  | Education | Energy | Food & Waste | Land & Water | Transportation |
| Project Category |  |  |  |  | X |

**Project Team Member List** (student projects must include their faculty/staff advisor’s information)

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| --- | --- | --- |
| Name | RSO/Department | Email Address |
| Mitchell Bryant | Institute for Sustainability, Energy, and Environment | Mbryant3@illinois.edu |
| Tyler Swanson | Institute for Sustainability, Energy, and Environment | Tswans4@illinois.edu |
| Sarthak Prasad | Facilities & Services | Sprasad9@illinois.edu |
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| Questions | Yes | No |
| Is this a student-led project? | X |  |
| If applicable, have you received approval from Facilities & Services and/or site manager? | X |  |
| Do you have a plan for ongoing funding beyond SSC? (SSC cannot guarantee ongoing financial support) | X |  |
| Beyond SSC, do you have sources contributing funding or support (ex. staff time, external grants, etc.) to this project? |  | X |
| Have you applied for SSC funding previously? |  | X |

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| **Project Timeline** |
| SSC funding agreements remain active for two years. Please list your project’s timeline and/or milestones. |
| Upon receipt of funding, the project will begin with a request for proposals that may take 3-6 months in order to find a vendor for the bike shelter. Delivery of the materials for construction may take an additional 4-6 months (lead delivery time). Depending on when materials arrive, construction may need to wait until the spring 2024 or later, for weather that is optimal for construction of the bike shelter to take place. The aim is to purchase and receive the bike shelter by the Spring 2024 semester and install by Fall 2024.An undergraduate student intern will be hired in summer 2023 to support this project and other sustainable transportation projects on-campus.  |

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| **Project Description** |
| In 250 words or less, describe your project. What does your project hope to accomplish? What are your project’s deliverables? Bullet points welcome. |
| The primary deliverable of this project is to purchase an enclosed bike shelter adjacent to the new parking garage being constructed on Lot-E-15 at the Southeast corner of 4th Street and Pennsylvania Avenue. If approved by the SSC, we expect to purchase the shelter by the end of fall 2023 semester and receive the product by spring 2024 (considering a 4-6 month lead delivery time). The installation of this bike shelter may be covered (in parts at current rate) by the Bicycle Programming and Infrastructure Fee (Bike Fee). We may return to SSC for additional funding in fall 2023 or spring 2024 to cover the additional installation cost. We would aim to have the structure installed by the end of fall 2024.The area around Memorial Stadium, the practice fields, and the Irwin Indoor Football Facility needs more bicycle parking, especially during football games. Nearly 3,000 students attend the home football games at the Memorial Stadium. The mode choice survey in 2022 showed that nearly 12% of our students choose to ride their bicycles as their primary mode of travel. Normally, students use the bike parking at ARC, which is also a very high traffic location. So, adding a bike shelter with a capacity of around 60-75 bicycles will be welcomed by students.This location is also adjacent to the new E-15 parking garage that is currently under construction, which will serve faculty and staff parking in that lot. Students at Law Building, Krannert Art Museum, and Siebel Center for Design may also benefit from this structure.We request $160,000 for the purchase of this bike shelter.Additional goals resulting from construction of the bike shelter are listed below:* Further iCAP 2020 objective 3.4: *Reduce driving on campus and report the percentage of staff trips made using single-occupancy vehicles from 60% to 50% by FY25 and 45% by FY30.*
	+ The 2022 Campus Mode Choice survey found that 62.45% of faculty and staff supplemented their primary mode of transportation on campus, and found that 21.47% of faculty and staff supplemented their travel with a personal bicycle.
* Advance iCAP 2020 objective 3.4.2: *Continue to implement the 2014 Campus Bike Plan*
	+ Construction of the bike shelter will advance the bike plan goals of Encouraging a sustainable mode of transportation, improving the bicycling experience for all campus cyclists, identifying and securing funding for bicycle infrastructure, and improving the university’s standing as a national leader in bicycling.
* Improve the security of bicycle use on campus by providing an enclosed space for campus bicyclists to protect their bike from the elements as well as potential theft.

In summer 2023, an undergraduate student(s) will be hired to support several sustainable transportation projects on campus, including but not limited to:* Help with purchase and then installation of this bike shelter
* Eco-Counters – for monthly data collect for all counters (24 at 12 locations). The student can also analyze the data and create reports for us to see for all of the corridors
* EV charging stations – We are installing several charging stations for F&S fleet and the student will analyze the data
* Abandoned bicycles – To tag bicycles left on campus, confirm abandoned bicycles, and collect bicycle information for all abandoned bicycles
* Deficiency survey using DeepWalks technology – survey all of campus sidewalks (96 miles linear sidewalk) for ADA projects
* Help with 2024 Campus Bike Plan update and Bike Audit
* Help with future SSC applications
* iCAP Portal updates

We are requesting $20,000 to hire the student intern.The total funding request for this project is **$180,000**. |

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| **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? Does your project relate to the iCAP? Bullet points welcome. |
| * Construction of the bike shelter provides an opportunity to decrease carbon emissions from driving on campus through the promotion of bicycling.
	+ The location of the bike shelter near the Activities and Recreation Center, Memorial Stadium, and the State Farm Center encourages students to replace trips to those locations that may typically take place via a personal vehicle with a bicycle. The bike shelter has an advantage over conventional bicycle parking infrastructure by providing a location for students to protect their bikes from rain or snow as well as theft, making travel by bicycle more appealing during inclement weather or events where high pedestrian traffic occurs.
	+ The location of the bike shelter adjacent to Lot E-15 also encourages faculty and staff to reduce driving on campus. Located at the southern edge of campus, the bike shelter provides faculty and staff the opportunity to park at lot E-15, and then use a bike for transportation around campus, providing a location for the bike to be kept at the end of the workday.
* As previously mentioned, construction of the bike shelter will advance objectives 3.4 and 3.4.2 of the iCAP 2020.
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| **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? Bullet points welcome. |
| * Students may use the bike shelter to supplement their transportation to and from the southwest corner of campus.
* Two students (Mitchell Bryant and Tyler Swanson) benefit from the educational experience of working through the grant-writing process as well as learning about the university’s procurement process for infrastructure projects.
* The student intern will benefit with learning everything about sustainable transportation on campus
	+ Make a difference
	+ Use this internship as a launching pad for their career
	+ Learn about the workings at a large organization like the University of Illinois
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