**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. This may be a direct impact or an impact through education and engagement. All SSC funding is 100% from student green fees, so the projects funded by the students must benefit them.
4. SSC encourages innovation and new technologies – creative projects are encouraged to apply.
5. Unless a type of expense is specifically listed below as having restrictions, SSC can generally fund it. The items referenced below should not be taken as comprehensive list.

**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 funding requests for food and prizes but will consider proposals on a case by case basis that prove significant reasoning.
5. SSC can fund repairs and improvements to existing building systems as long as it works toward the goal of improving campus sustainability; however, a preference is shown to projects utilizing new or innovative ideas.
6. SSC can provide departments with loans for projects with a distinct payback on a case by case base. 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 for students beyond standard student employee wages.

**Your Step 2 funding application should include this application, the supplemental budget form, and any letters of support.**

*Please submit this completed application and any relevant supporting documentation to* [*Sustainability-Committee@Illinois.edu*](mailto:Sustainability-Committee@Illinois.edu)*. The Working Group Chairs will be in contact with you regarding any questions about the application. If you have any questions about the application process, please contact the Student Sustainability Committee at* [*sustainability-committee@illinois.edu.*](mailto:sustainability-committee@illinois.edu.)

**General & Contact Information**

**Project Name:** Purchase of Bike Shelter for E-15 Parking Garage and Hiring a Student Intern for Sustainable Transportation.

**Total Amount Requested from SSC:** $150,000

**Project Topic Areas:**  Land & Water  Education  Energy

Transportation  Food & Waste

**Applicant Name:** Mitchell Bryant, Tyler Swanson, Sarthak Prasad

**Campus Affiliation (Unit/Department or RSO/Organization):** Transportation iCAP Team

**Email Address:** [mbryant3@illinois.edu](mailto:mbryant3@illinois.edu), [tswans4@illinois.edu](mailto:tswans4@illinois.edu), [sprasad9@illinois.edu](mailto:sprasad9@illinois.edu)

**Check one:**

This project is solely my own ***OR***

This project is proposed on behalf of (name of student org., campus dept., etc.):

**Project Team Members**

|  |  |  |
| --- | --- | --- |
| **Name** | **Department** | **Email** |
| Mitchell Bryant | Bioengineering | Mbryant3@illinois.edu |
| Tyler Swanson | College of ACES | Tswans4@illinois.edu |
| Sarthak Prasad | Facilities | sprasad9@illinois.edu |
| Name | Department/Organization | Email Address |

**Student-Led Projects (Mandatory):**

Name of Faculty or Staff Project Advisor: Sarthak Prasad  
Advisor’s Email Address: sprasad9@illinois.edu

**Financial Contact *(Must be a full-time University of Illinois staff member)***

Contact Name: Mike Alsip

Unit/Department: F&S

Email Address: [alsip@illinois.edu](mailto:alsip@illinois.edu)

**Project Information**

*Please review the proposal materials and online content carefully. It is highly recommended you visit a working group meeting sometime during the proposal submission process.*

**Please provide a brief background of the project, its goals, and the desired outcomes:**

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 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 $130,000 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 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 a student intern.

The total funding request for this project is **$150,000**.

**Where will the project be located? Are special permissions required for this project site?**

*If special permission is required for this location, please explain and submit any relevant letters of support with the application.*

This bike shelter will be located at the soon to be completed parking garage in lot E-15 at the intersection of 4th Street and Pennsylvania Avenue. Approval for this shelter has already been obtained from the Architecture and Review Committee.

The undergraduate intern will work under Sarthak at the F&S building.

**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 at the end of the application.*

Entities that benefit from this project include UIUC students, faculty, and staff who use bicycle transportation by providing them a safe and sheltered area to store their bicycles. Additionally, this project will indirectly benefit all members of the campus by advancing iCAP 2020 objectives.

The undergraduate intern will benefit from gaining experience working on sustainability projects. This intern will also benefit ongoing sustainability projects such as Eco-Counter data analysis, EV charging station installation, campus transportation surveys, and various other iCAP projects.

**How will this project involve and/or benefit students?**

*This includes both direct and indirect impact.*

This project benefits students by providing them with a safe and dry environment to store their bikes while on campus. The E-15 lot is in close proximity to Memorial Stadium, the practice fields, Irwin Indoor Football Facility, the ARC, Students Law Building, Krannert Art Museum, and the Siebel Center for Design. This shelter will be located in a convenient location for any students traveling to these buildings for classes or recreation.

This bike shelter will also improve bicycle security on campus by providing an enclosed and well-lit space for bicyclists to protect their bikes from the elements and theft.

**How will you bring awareness and publicize the project on campus? In addition to SSC, where will information about this project be reported?**

This project will be advertised via the iCAP portal, social media, sustainability newsletters, and other available campus resources.

# Financial Information

*In addition to the below questions, please submit the supplemental budget spreadsheet available on the Student Sustainability Committee* [*website*](http://ssc.sustainability.illinois.edu/?page_id=2087)*. Submission of both documents by the submission deadline is required for consideration of your project.*

**Have you applied for funding from SSC before? If so, for what project?**

no

**If this project is implemented, will you require any ongoing funding required? What is the strategy for supporting the project in order to cover replacement, operation, or renewal costs?***Please note that SSC provides funding on a case by case basis annually and should not be considered as an ongoing source of funding.*

Depending on the proportion of the requested funding fulfilled by the SSC, we may return for additional funding to cover installation of the shelter. After installation, ongoing costs will be negligible. This project can be additionally funded by the pending bike fee increase and TDM department.

**Please include any other obtained sources of funding. Have you applied for funding elsewhere?**

*Please attach any relevant letters of support as needed in a separate document.*

No, but we intend to use bike fee funding if the bike fee is increased.

# Environmental, Economic, and Awareness Impacts

**How will the project improve environmental sustainability at the Urbana-Champaign campus? If applicable, how does this project fit within any of the** [**Illinois Climate Action Plan**](https://icap.sustainability.illinois.edu/) **(iCAP) goals?**

**How will you monitor and evaluate the project’s progress and environmental outcomes? What short-term and long-term environmental impacts do you expect?**

*Some examples include carbon emissions, water conservation, green behavior, and reduced landfill waste.*

This project will be monitored as any other capital project with regular team meetings within F&S. Everything will be documented as any other project within F&S.

* 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 with 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.

**What are your specific outreach goals? How will this project inspire change at UIUC?**

The goal of this project is to include more high-density bike parking at high traffic bike areas on UIUC campus. This project will inspire change by encouraging students, faculty, and staff to adopt sustainable bicycle transportation rather than driving. By building amenities for bicyclists, sustainable modes of transportation will be encouraged.

**If applicable, how does this project impact environmental injustice or social injustice?**

This bike shelter will be available for all members of the campus community to use without discrimination. Anyone with an iCard will be granted access and allowed to store their bicycle. Installing a bike shelter in this area increases accessibility for pedestrians using bikes and helps reduce car use. It also provides a safe and secure bike parking option for those who cannot afford a car.

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