*Please submit this completed application, the supplemental budget spreadsheet, and any relevant supporting documentation by the deadline indicated in your Step 1 notification letter to* *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 SSC Program Advisor, Micah Kenfield, at* *kenfield@illinois.edu*

# General Information

**Project Name:** Beginner Bicycle Maintenance Class Instructor Grant

**Total Amount Requested from SSC:** $1,000

**Project Topic Area(s):** [ ] Energy [x] Education [ ] Food & Waste

 [ ] Land [ ] Water [ ] Transportation

# Contact Information

### Project Lead

Applicant Name: Lily Wilcock, Active Transportation Coordinator

Unit/Department: Facilities and Services

Email Address: lwilco2@illinois.edu

Phone Number: 217-244-6865

### Financial Contact *(Must be Full-time University of Illinois Staff Member)*

Contact Name: Mike Alsip

Unit/Department: Facilities and Services

Email Address: Alsip@illinois.edu

Phone Number: 217-244-4049

Organization Code: 311

### Facilities Management Contact *(If Applicable)*

Contact Name: Lily Wilcock, Active Transportation Coordinator

Email Address: lwilco2@illinois.edu

**Primary Project Team**

|  |  |  |
| --- | --- | --- |
| **Name** | **Department** | **Email** |
| Lily Wilcock | Transportation Demand Management | lwilco2@illinois.edu |
| Stacy DeLorenzo | Transportation Demand Management | sdeloren@illinois.edu |

# Project Description

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

Since 2010, The Bike Project has been collaborating with the University of Illinois to provide a educational space on campus. Bicycle education taught through that space encourages the campus community to ride bicycles for transportation because the bicycles sold and worked on at the Campus Bike Center are reliable and safe. Previously, volunteer would propose an idea for a class and advertise the class on Facebook and in the Campus Bike Center. Rarely would volunteers be interested in teaching basic bicycle maintenance. In Spring 2016, the Campus Bike Center taught five classes. The topics were: beginning wheel building, three-speed Sturmey-Archer hub overhaul, and framing thread repair, Air-Brakes-Chain (ABC) Quick Check, and disc brakes. With the exception of the ABC Quick Check class, all of the Spring 2016 classes were advanced. Currently, it is difficult to find a volunteer willing to teach a basic maintenance class. Having a grant for an instructor would greatly incentivize hosting a bicycle maintenance class. A basic or beginner maintenance class would help community members that are less dedicated to bicycle repair and more likely to not ride their bicycles due to a small repair or issue.

**How will the project improve the sustainability of the Illinois campus and how will the project go above and beyond campus standards?**

Bicycling is one alternative for transportation that has significantly less carbon emissions that single-occupancy vehicle cars. One of the biggest barriers for people to trust bicycles for their transportation needs is reliability. We have bicycles abandoned on campus that were thought to be “broken” when they really just needed a simple repair.

Basic maintenance is fixing a flat, cleaning a chain, minor adjustments to brakes cables, and tightening pedals and crank arms. Safety checks are taught as well, like checking the stem and handlebar bolts, seat post binder bolt, and tires. Seasonal advice for riding in weather is offered and questions about route planning are addressed. The class would take two hours. Students of the class would be encouraged to bring their bicycle, otherwise they can ask the instructor in advance of the class to have a bicycle to work on for the class.

**Where will the project be located? Will special permissions be required to enact the project on this site? If so, please explain and submit any relevant letters of support with the application.**

The Campus Bike Center has very limited space but has all the necessary tools and stands. The classes will be taught there before and after shop hours.

**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 will be benefitting from this project. Please attach letters of commitment or support at the end of the application.**

The Bike Project of Urbana-Champaign will most definitely have a stake in this project as the Campus Bike Center is furnished with their tools and consumable sprays and lubricants. In the Facility Use Agreement between the University of Illinois and The Bike Project classes are encouraged and both parties sign the Facility Use Agreement.

**Please indicate how this project will involve or impact students. What role will students play in the project?**

Besides the grant process being open to students, the Campus Bicycle Center is used primarily by students. Though there are a small and dedicated cadre of staff and faculty, this space is primarily a student space. The Campus Bike Center does not keep track of the numbers of students that sign-in but the former Campus Bike Center Manager, James Roedl, estimates that 85-90% of the center’s visits are from students.

Basic maintenance classes would not be a topic that would draw many from outside of campus. Truly students would see the most benefit in a basic class. Also, the cost savings to students who participate will be huge. Students who know how to change a flat tire or lube their chain will save a lot of money over the time of four years, and will be less likely to bring a car to campus.

# Financial Information

*In addition to the below questions, please submit the supplemental budget spreadsheet available on the Student Sustainability Committee website. 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, I have never applied for funding from SSC before. I do assist with several SSC-funded projects. I work with the bike parking improvements funded by SSC in FY13.

**If this project is implemented, will there be 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.**

If needed, please also address this in the supplemental budget spreadsheet in the relevant section.

**Please include any other sources of funding that have been obtained or applied for. Please attach any relevant letters of support as needed in a separate document.**

Please list any other sources of funding you have secured here, referencing letters of support as needed.

# Environmental, Economic, and Awareness Impacts

*In addition to the below questions, please indicate specific measurable impacts as applicable on the supplemental budget spreadsheet.*

**Which aspects of sustainability does your project address, and how? Does the project fit within any of the iCAP goals? If so, how does the project go beyond the university status quo standards and policies.**

This project touches upon the transportation goal of reducing campus transportation emissions. Educating students and the community on the parts of a bike and what to do if a minor repair arises is an important part of creating a resilient bicycle culture.

**How will the environmental impacts of your project be measured in the near and long term? What specific monitoring and evaluation processes will you be using to track outcomes and progress?**

That is a hard thing to measure for bicycle education. One thought is to use future traffic circulation studies and compare to previous mode-share studies and see if there is a significant improvement. There will be a bike maintenance survey after each class. On the survey we will ask if the class and the knowledge gained from the class will increase their use of cycling for transportation.

**What is the plan for publicizing the project on campus? In addition to SSC, where will information about this project be reported?**

There are various campus-wide newsletters and announcement outlets. University Housing has helped Transportation Demand Management advertise the Campus Bike Center in the past and bicycle safety. We hope to advertise heavily in housing and registered student organization outlets.

**What are your specific, measurable outreach goals? How will these be measured?**

Number of attendees per class (there can only be eight maximum attendees) and how many classes are taught. The survey results will help us gauge how successful the class is for participants and the demand for classes will help us understand how effective the advertising will be. Our goal is to have eight to nine students in each class and to host the class at least eight times in the academic year.

**Do you have any additional comments or relevant information to aid in evaluation of this application?**

Please provide any additional information here.