



STUDENT SUSTAINABILITY COMMITTEE

Funding Award and Acceptance Letter

February 29, 2016

Project Leaders: Olivia Yu
Project: Fume Hood Energy Conservation Pilot Project

Dear Ms. Yu:

On behalf of the University of Illinois at Urbana-Champaign Student Sustainability Committee (SSC), I would like to thank you for considering the funds raised by the Sustainable Campus Environment Fee to implement a project that improves the sustainability of our campus. SSC is pleased to inform you that we are recommending to the Institute for Sustainability, Energy, and Environment (iSEE) that the Fume Hood Energy Conservation Pilot Project **receives \$1,000 in grant funding.**

In order to remain eligible for this award, you must agree to the following conditions:

1. A final report of all work completed should be provided to the SSC Program Advisor by January 31, 2018.
2. Project status updates and detailed account statements must be provided at the end of each semester until the project is completed.
3. The CFOP provided for this award shall strictly be used for the money awarded in this proposal.
4. Any substantial modifications to project scope, budget, or timeline must first be approved by SSC. These requests must be submitted in a formal letter to the Chair and Program Advisor.
5. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
6. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
7. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding.
8. Any signage involving the project or events surrounding this project should include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure promotion appropriately highlights the SSC's contributions to the project.
9. Projects must participate in the Campus Sustainability Symposium at least once before June 30, 2018.

If you agree to the terms and conditions for the funding, please sign on the designated line at the bottom of this letter. If you have any questions regarding these requirements please contact the Chair, Paul Couston, at pcousto2@illinois.edu or the SSC Coordinator, Micah Kenfield, at kenfield@illinois.edu. You will be notified when the Institute for Sustainability, Energy, and Environment and Vice Chancellor for Student Affairs officially approves this project. Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.



STUDENT SUSTAINABILITY COMMITTEE

SSC Signatories

Paul Couston

Paul Couston, Chair
Student Sustainability Committee

Marcous Phillips

Marcous Phillips, Treasurer
Student Sustainability Committee

Awardee Signatory

Olivia Yu

Olivia Yu
Natural Resources and Environmental Science

iSEE Signatory

Dr. Evan DeLucia

Dr. Evan DeLucia, Director
Institute for Sustainability, Energy & Environment

Student Affairs Signatory

Renee Romano

Dr. Renee Romano
Division of Student Affairs



STUDENT SUSTAINABILITY COMMITTEE

Project Information

Project: Fume Hood Energy Conservation Pilot Project(*Student-Led Small Project*)

Funding Source: Sustainable Campus Environment Fee

Funding Amount: \$1,000

Receiving Campus Unit: Natural Resources and Environmental Science

Primary Contact: Olivia Yu

E-mail: oyu@illinois.edu

Secondary Contact: Dr. Ming Kuo

E-mail: fekuo@illinois.edu

Project Description:

Fume hoods are one of the largest sources of wasted energy in laboratories because of inefficiencies in fume hood use. This proposal specifically funds a Fume Hood Energy Conservation Pilot Project in the National Soybean Research Center (NSRC), in which ways to reduce fume hood energy waste through behavioral interventions will be explored.

Small changes in behavior such as keeping hoods closed when not in use can have large impacts on energy conservation, but behavioral changes can be difficult to achieve. This project adapts Harvard University's highly successful "Shut the Sash" program to the particular needs of Labs in NSRC, first by working closely with "early adopters" -- labs that are actively interested in reducing fume hood energy use -- to develop protocols, reminders, and reinforcement/tracking systems that help reduce fume hood-associated energy waste, and then by reaching out to other labs in NSRC. The long-term project goals are to make NSRC a model for the campus in fume hood energy conservation, and to develop an approach to fume hood energy conservation which can be readily applied to other labs and buildings on campus.

This proposal directly funds:

1. Metering equipment to track energy consumption
2. A small amount of marketing supplies to promote the behavioral aspects of resource conservation