



STUDENT SUSTAINABILITY COMMITTEE

Funding Award and Acceptance Letter

Project Leaders: Mark Hewitt
Project Team: Charles Wallbaum, Michael Hallock, Chad Stenes
Project: Operation Enduring Frigidity

Re: Sustainable Campus Environment Fee – Award Recommendation

Dear Mr. Hewitt:

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 Operation Enduring Frigidity **receives \$2,740.00 in grant funding.**

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

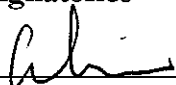
1. A final report of all work completed should be provided to the SSC Program Advisor by January 31, 2017.
2. Project status updates and detailed account statements must be provided at the end of each semester until the project is completed.
3. Any substantial modifications to project scope, budget, or timeline must first be approved by SSC. These requests must be submitted in a formal letter to the Chair and Program Advisor.
4. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
5. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
6. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding. Projects must communicate with the SSC's External Vice Chair to come up with appropriate marketing for the project.
7. 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, Amy Liu, at amy.linqin.liu@gmail.com or the SSC Program Advisor, Micah Kenfield, at kenfield@illinois.edu. You will be notified when the Institute for Sustainability, Energy, and Environment 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

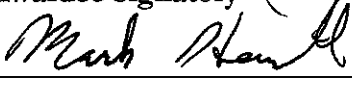


Amy Liu, Chair
Student Sustainability Committee



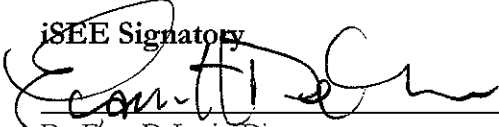
Serena Hou, Treasurer
Student Sustainability Committee

Awardee Signatory



Mark Hewitt
School of Chemical Sciences

iSEE Signatory



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



STUDENT SUSTAINABILITY COMMITTEE

Project Information

Project: Operation Enduring Frigidity

Funding Source: Sustainable Campus Environment Fee

Funding Amount: \$2,740

Award Code: 1-303692-510012-510104

Receiving Campus Unit: School of Chemical Sciences

Unit Financial Contact: Christine Majers, School of Chemical Sciences

E-mail: cmajers@illinois.edu **Phone:** 217-244-1749

Primary Contact: Mark Hewitt, School of Chemical Sciences

E-mail: mhewitt@illinois.edu **Phone:** 217-300-2427

Secondary Contact: Charles Wallbaum, School of Chemical Sciences

E-mail: wallbaum@illinois.edu

Project Description:

The School of Chemical Sciences houses a data center in Noyes Laboratory which is the home to more than 30 racks of computers. These machines are used by the Chemistry Learning Center, which serves all undergraduate students in General Chemistry courses, the departments of Chemistry and Chemical and Biomolecular Engineering, and are used constantly by faculty and graduate students. The goal of this project is to make the server room more energy efficient so as to reduce both the financial and environmental impact on the university.

This is a multi-phase project with the plan being each phase will take steps towards energy reduction. (1) Install power monitors in the panels so we can collect data on how much electricity is consumed by the machine room, (2) Contain the cold aisle so that hot and cold air do not mix, (3) install new hardware into the HVAC units so that they can communicate with each other so they will not fight, and (4) install a heat exchanger for use during winter. Steps 3 and 4 are planned for a future date.