



STUDENT SUSTAINABILITY COMMITTEE

Funding Award and Acceptance Letter

Project Leaders: Bart Bartels

Project Team: Morgan Johnston, Joy Scrogum, Shantanu Pai

Project: Baseline Waste Characterization and Zero Waste Pilot Program

Re: Sustainable Campus Environment Fee – Award Recommendation

Dear Mr. Bartels:

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 Baseline Waste Characterization and Zero Waste Pilot Program project **receives \$33,718.00 in grant funding**. This grant funding is awarded with the expectations that an additional \$8,000 will be contributed by Facilities and Services.

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


1. Facilities and Services provides \$8,000 in matching funds to support the completion of this program
2. A final report of all work completed should be provided to the SSC Program Advisor by January 31, 2017.
3. Project status updates and detailed account statements must be provided at the end of each semester until the project is completed.
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. A copy of the results of the baseline waste characterization must be publicly available at the conclusion of the waste audit process.
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.
9. Any press releases, signage at the proposed sculpture, 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.
10. Projects must participate in the Campus Sustainability Symposium at least once before June 30, 2018.




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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.linglin.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.

SSC Signatories



Amy Liu, Chair
Student Sustainability Committee




Serena Hou, Treasurer
Student Sustainability Committee

Awardee Signatory



Bart Bartels
Illinois Sustainable Technology Center

ISEE Signatory



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



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Project Information

Project: Baseline Waste Characterization and Zero Waste Pilot Program

Funding Source: Sustainable Campus Environment Fee

Funding Amount: \$33,718.00

Award Code: 1-303692-807000-807023

Receiving Campus Unit: Illinois Sustainable Technology Center

Unit Financial Contact: Margaret Morrison, Illinois Sustainable Technology Center

E-mail: mlmorris@illinois.edu **Phone:** (217) 244-8906

Primary Contact: Bart Bartels, Illinois Sustainable Technology Center

E-mail: bbartel@illinois.edu **Phone:** 217-244-7572

Secondary Contact: Morgan Johnston, Facilities and Services

E-mail: mbjohnst@illinois.edu

Project Description:

The primary deliverable of this proposed project is to provide a detailed waste characterization assessment for three facilities located throughout the Urbana-Champaign campus of the University of Illinois. Lincoln Avenue Residence Halls (LAR), Business Instructional Facility (BIF), Roger Adams Laboratory (RAL) are facilities that will be characterized.

This proposal builds upon the initial waste characterizations conducted in the Spring of 2013 for four buildings: Henry Administration Building, Alice Campbell Alumni Center, Swanlund Administration Building, and Illini Union Bookstore.

The objective of the assessments is to characterize the waste generated from a Lab building, a classroom building and a housing building. The primary goal of the waste stream characterization study is to provide UIUC with an accurate and precise baseline measurement of the solid waste generated at each facility type. ISTC will assist F&S in identifying and implementing practices and technologies that will reduce waste, increase landfill diversion, increase recycling revenues, and decrease waste disposal costs. These efforts will help UIUC to become an example of a sustainable campus, and will provide new learning and teaching opportunities for the university and community at large. The ancillary deliverables are various direct educational programming opportunities both structured as well as passive.

ISTC will work with one or more UI professors to guide students through the creation of a sculpture made from waste materials (e.g. electronic waste, paper, plastic, etc.) collected at the waste



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audits. The purpose of the sculpture will be to raise awareness of the magnitude of waste generation at the University, and promote related local opportunities for waste reduction, reuse, and recycling. Students will research generation of the chosen waste stream(s) at the University and accordingly scale the sculpture to represent the volume of waste generated at the University by a defined population over a particular time period.

Material choice will be made by the students in consultation with staff from ISTC and UI Facilities & Services. A poster and plaque will also be designed to accompany the sculpture, providing statistical context for its size, and suggestions related to waste reduction, reuse, and recycling. Depending upon the timing of the student project, the resulting sculpture and information will be displayed at ISTC as part of the 2015 Naturally Illinois Expo.

The sculpture and associated information will be available for showing at other campus locations and events (e.g. Krannert Art Museum, Spurlock Museum, Earth Week events, Campus Sustainability Day, etc.). ISTC will obtain primary materials for the sculpture from the UI Waste Transfer Station and the baseline waste characterization study, materials required for the IDEA Store or other local partners, or from materials gleaned from campus waste audits.

During the proposed waste characterization at LAR Hall, ISTC will partner with the Sustainability Living Learning Center and conduct combined programing related to waste and material management. The programing will focus on the current situation on campus and around the world, but as well as focused discussion on the role and responsibilities of students in improving the situation.

The proposal supports UIUC's strategic goal of creating a Zero Waste paradigm on campus by increasing recycling rates, decreasing greenhouse gas emissions, decreasing waste destined for the landfill, and by conserving natural resources through systematic improvements in waste reduction.