student sustainability committee
university of illinois at urbana-champaign

Funding Award and Acceptance Letter

December 12, 2012

Project Leader: Bruce Litchfield
Project Team: Andrew Gazdziak, Brendan McDonnell, Neil Pineda, Elmo Lin
Project: Sustainable Student Farm Electric Car LINC Project

Re: Sustainable Campus Environment Fee – Award Recommendation

Dear Dr. Litchfield:

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 Office of Sustainability that the Sustainable Student Farm Electric Car LINC project **receive $66,970 in grant funding**, the full amount requested. SSC is pleased with the nature of the project but would like to suggest that a future LINC project looks into converting the Sustainable Student Farm's existing van into biodiesel.

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

1. All funds must be spent by December 31, 2013.
2. A final report of all work completed should be provided by January 30, 2014.
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.
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.

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 SSC Program Advisor, Mckenzie Beverage, at mbeverag@illinois.edu. You will be notified when the Office of Sustainability 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

Marika Nell 12/12/12
Marika Nell
Chair, Student Sustainability Committee

Kathryn Kinley 12/12/12
Kathryn Kinley
Treasurer, Student Sustainability Committee

Awardee Signatory

Bruce Litchfield
Bruce Litchfield, Professor and Assistant Dean
Undergraduate Programs, College of Engineering

Office of Sustainability Signatory

P. K. Khanna
Pradeep Khanna, Associate Chancellor
Acting Director, Office of Sustainability

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Project Information

Project: SSF Electric Car/LINC Project

Funding Source: Sustainable Campus Environment Fee

Funding Amount: $66,970

Award Code: 1-303692-227061-227179-227FEV

Receiving Campus Unit: College of Engineering

Unit Financial Contact: Mindy Fitzgerald

E-mail: mftzgrl@illinois.edu **Phone:** (217) 333-7329

Primary Contact Person: Bruce Litchfield

E-mail: b-litch@illinois.edu **Phone:** (217) 333-2280

Secondary Contact Person: Andrew Gazdziak

E-mail: gazdia1@illinois.edu

Project Description:

The project we are intending to complete is the conversion of a gas powered vehicle to an entirely electric powered vehicle for the use of the Student Sustainable Farm for the transportation of produce from the Farm to the Campus Residence Dining Halls. By the completion of this project we hope to accomplish the following: Eliminate C02 emissions during the transportation of produce to the Campus Residence Dining Halls from the Student Sustainable Farm, increased awareness of climate change on campus, increased visibility of the University of Illinois as a leading innovator in the climate change reversal process, and the reduction of fuel costs for the Student Sustainable Farm during the transportation of produce.

One of our goals is for this vehicle to have a net zero energy impact. We are exploring two solutions to make this happen. The first is a grid connected solar array and the second is an off grid solar array with deep cycle batteries for energy storage. Both solutions cost about the same and are potential options for this project.