STUDENT SUSTAINABILITY COMMITTEE

Funding Award and Acceptance Letter

April 25, 2019

Project: WaggleNet

Dear Mx. He:

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 your project **receives $15,000 in grant funding**. This fully funds all items on your proposal.

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 Coordinator by May 31, 2021.
2. Project status updates and detailed account statements must be provided at the end of each semester, in the method requested, until the project is completed.
3. The Contact Person will be individually responsible for all official communication and the execution of this agreement.
4. The CFOP provided for this award shall strictly be used for the money awarded in this proposal.
5. 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 Coordinator.
6. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
7. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
8. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding.
9. 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.

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, Adrian Chendra, at chendra2@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

Adrian Chendra, Chair
Student Sustainability Committee

4/29/19

Prahallad Badami, Treasurer
Student Sustainability Committee

Awardee Signatory

Jimmy Miao He

Digitally signed by Jimmy Miao He
Date: 2019.05.06 16:32:34 -05'00'

Jimmy Miao He
Applicant

iSEE Signatory

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

Student Affairs Signatory

Danita Brown Young

Dr. Danita Brown Young
Division of Student Affairs

STUDENT SUSTAINABILITY COMMITTEE

Project Information

Project: WaggleNet

Funding Source: Sustainable Campus Environment Fee

Funding Amount: $15,000

Receiving Campus Unit: Electrical and Computer Engineering

Unit Financial Contact: Christopher D. Schmitz

E-mail: cdschmit@illinois.edu

Project Description:
The primary goal of this project is to create an intuitive and complete open-source loT solution for both research and general use. This system will make data collection as easy as placing sensors where they are needed and adding them to the system through only a few button clicks, after which the cloud-based platform will take care of everything else. The open-source nature of the project leverages non-proprietary solutions and allows developers to expand the data-collection system to new uses. The more ambitious goal of the project is to bridge the gap between research and application. Users will have an opportunity to share data with any research project and benefit from predictive analytics models derived from researchers' findings in return. The idea is for this feedback loop it greatly speed up the research process and dramatically cut down the efforts to speed the transition of research outcome into practical benefit.