



## Student Sustainability Committee Funding Award Letter



April 19<sup>th</sup>, 2024

Project: Ghost Electric Motorcycle

Paul Klapperich,

The University of Illinois Urbana-Champaign Student Sustainability Committee (SSC) is pleased to inform you that your project has received approval from the Institute for Sustainability, Energy, and Environment (iSEE), and the Vice Chancellor for Student Affairs.

The Student Sustainability Committee is proud to award **\$9,666.07** in grant funding for **Ghost Electric Motorcycle**.

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

1. The project must be completed within two years of the funding awarded. A final report of all work completed, a full list of expenditures, and a detailed sustainability impact report must be provided to the SSC Advisor by **04/03/2026** or project completion.
2. Project status updates, and detailed account statements must be provided at the end of each semester until the project is completed.
3. The Primary Applicant will be the individual responsible for all official communication and the execution of this agreement.
4. The Project Unit Financial Contact must submit the prescribed FPI form for the assignment of a Chart, Fund, Organization, and Program code (CFOP) within four weeks of receipt of this letter. The CFOP established for this award shall strictly be used to award the funds to this proposal.
5. Any substantial modifications to the project, including alterations to the budget, timeline, project lead, and project direction, must be submitted within a scope change form. A majority vote of the SSC must approve scope changes.
6. All projects are expected to follow university policies and procedures as well as any applicable local, state, and federal laws.
7. The sponsoring department is responsible for all equipment purchased with SSC funds. Equipment should be inventoried according to institutional procedures and should be returned to the department, as applicable, when not in use by the project team.
8. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
9. Any press releases or educational/promotional materials involving the project must acknowledge SSC funding.
10. Any marketing, including but not limited to advertising, signs, and digital ads, involving the project or events surrounding this project must 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.

**Project:** Ghost Electric Motorcycle

**Funding Source:** SCEF (303692)

**Funding Requested:** \$9,666.07

**Funding Allocated:** \$9,666.07

**Primary Unit of the Project:** Mechanical Science and Engineering

**Unit Financial Contact:** Tom Golecki

**Project Description:**

Delivering a new and unique project to the University of Illinois Urbana-Champaign in the form of a robust electric race-ready motorcycle. Collegiate motorcycle racing is in its infant stages. Within a 2-year window, we aim to design, build, and race our first electric motorcycle. We will race in the AHRMA (American Historical Racing Motorcycle Association's Formula Lightning) Varsity Challenge. This race is only open to zero-emission motorcycles. Participating in this race aids in promoting zero-emission electric vehicles around the world. The final deliverable will be a 300-volt electric motorcycle. It will have an estimated top speed of 150mph and push about 170 horsepower. The motorcycle will only be racing on a track, not for regular commuting, and will not be driven on streets. Containing a 300-volt battery pack will allow the motorcycle to operate at a lower amperage, meaning the power output will be more efficient because the battery will dissipate less heat. With our project coming to completion, the University of Illinois Urbana-Champaign will be one of the first schools in the United States to design a motorcycle of this caliber, strengthening the environment-positive engineering community at our university.

**Project Category:**

Transportation & Infrastructure

**This proposal directly funds:**

1. Motor, Controller, Heat Shrink, Battery Cells, 2005 Kawasaki ZX-6R Frame
2. Tools, Drills, Wrenches, Tool Box Systems, Rags, Allen Wrenches, Saws, Mallets, Pliers (etc)
3. Duct Tape, Hot Glue-gun, Electrical tape, Safety Glasses, Workbench, Ratchet Straps Set (etc)

## Funding Approval

**Student Sustainability Committee, Chairperson**

Claire Keating

Name

*Claire Keating*

Signature

04/27/2024

Date

**Institute for Sustainability, Energy and Environment, Director**

Jennifer Fraterrigo

Name

*Jennifer Fraterrigo*

Signature

04/19/2024

Date

**Vice Chancellor for Student Affairs**

Danita Brown Young

Name

*Danita Brown Young*

Signature

04/19/2024

Date

## Funding Acknowledgement

By signing below, I agree to the terms and conditions for this award. If you have any questions regarding these requirements, please contact the Student Sustainability Committee Advisor at [ssc-advisor@illinois.edu](mailto:ssc-advisor@illinois.edu).

**Award Recipient**

Paul Klapperich

Name

*Paul Klapperich*

Signature

05/03/2024

Date

**Project Advisor Signature (Student-Led Projects Only)**

Thomas Golecki

Name

*Thomas Golecki*

Signature

05/03/2024

Date









# Spring 2024 SL Klapperich Funding Award Letter

Final Audit Report

2024-05-03

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 Agreement completed.

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