



Student Sustainability Committee Funding Award Letter



November 9th, 2023

Project: Spark

Peter Giannetos,

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 **\$1,980.00** in grant funding for **The Safe Pyrotechnic Analyzer Reusable Kit (SPARK)**.

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 11/02/2025 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 for the awarded funds of this proposal.
5. Any substantial modifications to the project must be submitted within a scope change form, including alterations to the budget, timeline, project lead, and project direction. 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. 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 must acknowledge SSC funding.
9. 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: SPARK

Funding Source: SCEF (303692)

Funding Requested: \$1,980.00

Funding Allocated: \$1,980.00

Primary Unit of the Project: Peter Giannetos

Unit Financial Contact: Laura Gerhold

Project Description:

The Safe Pyrotechnic Analyzer Reusable Kit (SPARK) aims to be a reusable pyrotechnic circuitry tester to significantly reduce the amount of disposable single-use electrical matches (e-matches) frequently used in amateur rocketry and other pyrotechnic adjacent activities. SPARK can act as a stand-in to e-matches for repeatedly ground testing pyrotechnic electronics, increasing system safety and reliability and decreasing e-match waste. Furthermore, SPARK will be developed as an open source right-to-repair-friendly hardware platform. At a minimum, 25 students will work with or on developing SPARK.

Project Category:

Food & Waste

This proposal directly funds:

1. Saleae Logic Analyzer
2. PCB Manufacturing Costs
3. SPARK Surface Mount Passive Components
4. SPARK Surface Mount IC Components
5. Soldering Paste + Other Consumables
6. Wires & Connectors

Funding Approval

Student Sustainability Committee, Chairperson

Claire Keating

Name

Claire Keating

Signature

11/10/2023

Date

Institute for Sustainability, Energy and Environment, Director

Jennifer Fraterrigo

Name

Jennifer Fraterrigo

Signature

11/09/2023

Date

Vice Chancellor for Student Affairs

Danita Brown Young

Name

Danita Brown Young

Signature

11/09/2023

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.

Award Recipient

Peter Giannetos

Name

Peter Giannetos

Signature

12/06/2023

Date

Project Advisor Signature (Student-Led Projects Only)

Robyn Woollands

Name

Robyn Woollands

Signature

12/06/2023

Date










Fall 2023 SL Giannetos Funding Award

Final Audit Report

















2023-12-06

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