



Student Sustainability Committee Funding Award Letter



March 7th, 2024

Project: Electric Boat Competition Team

Shaleen Vohra,

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 **\$9,929.51** in grant funding for the **Electric Boat Competition Team** Project.

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 **02/08/2026** 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: Electric Boat Competition Team

Funding Source: SCEF (303692)

Funding Requested: \$9,929.51

Funding Allocated: \$9,929.51

Primary Unit of the Project: Mechanical Science & Engineering

Unit Financial Contact: Blake Johnson

Project Description:

As part of a UIUC senior design project, 12 mechanical engineering students will participate in the 2024 Promoting Electric Propulsion Competition hosted by the American Society of Naval Engineers. The ASNE PEP Competition challenges students to design, fabricate, and race an electric boat against other participating universities. This yearly competition aims to further sustainable and innovative values by promoting research into electric power propulsion. The competition takes place on April 15th, 2024, at Virginia Beach, and our team is seeking to build a functional final product and provide ample findings to future student teams.

Project Category:

Transportation & Infrastructure

This proposal directly funds:

1. Rudder, buck converter, wire, machining stock + labor, cable to attach the steering
2. Water pump, water container, PVC end cap, PVC cement, cooling tubes, fittings
3. Battery radiator, fans, battery, wire, connectors, crimping tool, butt crimps
4. 2 propellers, driveshaft, thrust bearing, waterproof bearing, trolling motor, GPS
5. Tape, foam, gasket maker, Bondo, elastomeric sealant, fasteners, glue, tarps
6. Aluminum sheet, carbon fiber, zip ties, Velcro

Funding Approval

Student Sustainability Committee, Chairperson

Claire Keating

Name

Claire Keating

Signature

03/09/2024

Date

Institute for Sustainability, Energy and Environment, Director

Jennifer Fraterrigo

Name

Jennifer Fraterrigo

Signature

03/08/2024

Date

Vice Chancellor for Student Affairs

Danita Brown Young

Name

Danita Brown Young

Signature

03/07/2024

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.

Award Recipient

Shaleen Vohra

Name

Shaleen Vohra

Signature

03/09/2024

Date

Project Advisor Signature (Student-Led Projects Only)

Sameh Tawfick

Name

Sameh Tawfick

Signature

03/09/2024

Date










Spring 2024 SL Vohra Funding Award Letter

Final Audit Report

















2024-03-09

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