



Student Sustainability Committee
Funding Award Letter



November 7th, 2023

Project: Development of an Inexpensive Solar Water Heater

Aman Mehta,

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 **\$800.00** in grant funding for **Development of an Inexpensive Solar Water Heater**.

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 **10/19/2025** 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 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 direction of project. 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: Development of an Inexpensive Solar Water Heater

Funding Source: SCEF (303692)

Funding Requested: \$800.00

Funding Allocated: \$800.00

Primary Unit of the Project: Aman Mehta

Unit Financial Contact: Elif Ertekin

Project Description:

Developing a solar water heater that can use solar energy to heat enough water (~10 liters or 3 gallons) for a warm shower. Getting access to hot water in underdeveloped areas is a prominent challenge, and the potential of implementing net-zero heating solutions is very high. Current methods of heating water include burning wood or dry mass, and this is a solution that contributes to a lot of emissions. It is often the women and children in these areas who source solid fuel in the forests, and there are attributed risks associated with it.

Project Category:

Energy

This proposal directly funds:

1. Reflective Mylar Film
2. Insulation, Parabolic Structures
3. Black paint, Basic Fabrication Materials (Scissors, Glue, Tape, etc.)
4. Solar Concentrators/Lens/Magnifiers

Funding Approval

Student Sustainability Committee, Chairperson

Claire Keating



11/09/2023

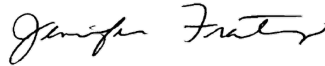
Name

Signature

Date

Institute for Sustainability, Energy and Environment, Director

Jennifer Fraterrigo



11/07/2023

Name

Signature

Date

Vice Chancellor for Student Affairs

Danita Brown Young



11/07/2023

Name

Signature

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

Aman Mehta



11/09/2023

Name

Signature

Date

Project Advisor Signature (Student-Led Projects Only)

Elif Ertekin



11/09/2023

Name

Signature

Date










Fall 2023 SL Mehta Funding Award

Final Audit Report

2023-11-10

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