

Student Experimental Farm Project and Activities Proposal Form

This document serves as a proposal for those who wish to do activities at the student experimental farm, and seeks to clarify proposed activity details. Before implementation can take place, projects must be approved, first, by identified SEF Faculty Facilitator (presently Dr. Pete Schwartz), and then by HCS Department Head (presently Dr. Scott Steinmaus), and Cal Poly Environmental Health and Safety.

SEF Mission Statement

Bringing the "old organic farm" back to life, we envision an interdisciplinary learning community dedicated to teaching, learning, practicing sustainability.

Project Title: >> EWB Thailand Project <<

Statement of Project: >> The purpose of this project is to create a solar powered freezer that produces ice for a small community in Thailand. <<

Project Type: Please put an "X" in all appropriate boxes

Senior Project Class Project Independent Project Event Other (specify)

List name of advisors with contact information: >> Nathan Heston: 305-834-1309 <<

List Participants with Cal Poly affiliation (i.e., student, staff, none): >> Wilson Yeh, Adeel Ali, Emily Vassilev <<

Project Location

On the map below, please find a red circle that you can change in size and location. Please adjust this circle so that it fully describes the areas you will plan to use. If you require more than one location, please make multiple copies of the circle.



Please specify location details: >> We prefer to set up our system in the area adjacent to the greenhouse. We are open to other options, however. <<

Deliverables

What is the project or activity meant to achieve, create, or deliver? >> We intend to build a racking system for two solar panels that would power a freezer.<<

Project Details and Logistics

Please list all reasonably possible activities that will take place and refer to the Cal Poly Risk Management website and the guidelines listed in the Program Development Document to determine whether training, precautions, or supervision is required for any activities listed.

>>Supervision will be provided by Nathan Heston. The majority of training will take place outside of the SEF.<<

Potential Hazards

Describe anything you can foresee that might threaten safety or property and what might be done to mitigate risk. >> Possible risks include injury caused during transportation of, or lifting a solar panel. The majority of the assembly of parts will take place outside of the SEF. <<

Timing and Permanence

Over what period of time will the project or activity take place? *Projects are limited to two years. If your project extends beyond this time period, you can extend it with another application.*

Starting date: >> Upon approval (preferably as soon as possible) <<

Ending Date: >> September 5th 2016 <<

Can project be easily disassembled? If so, how and when will it be disassembled? What condition will the project be left in when project is finished? *No project can use cement, concrete, or plaster without specific request and permission.* >> The system can be removed rather quickly. It consists of a solar panel, rack, and freezer. <<

Funding

How is this project going to be funded? How is the work and cost of the project going to be supported? Please list funding sources and chances of success from each source.

>> CBF is currently providing the funding for our endeavors. <<

Strategic Context

How does the project relate to SEF's and Cal Poly's missions?

>> Our project encourages students and faculty to work as a team and improve sustainability in our community and beyond. Furthermore this opportunity would provide us with a learn-by-doing opportunity. By thinking critically about the implications of our system design and respecting the cultural norms of other communities, we are working to enact positive change in Thailand and to serve as an example for incoming students at Cal Poly.<<

Contract

By signing below, I >> Adeel Ali << hereby request consideration, acceptance, and approval of the above project/activity proposal. I am committed to complete the project/activity as outlined in the Guidelines for Projects and Activities of the SEF Development Document. I understand that if activity is not completed by end time as specified in this document I will need to resubmit this proposal. It is further understood that a revised activity project proposal may be necessary before approval.

>> _____ Adeel Ali, Wilson Yeh, Nathan Heston _____ <<

Signature

This project is approved for implementation upon approval, first by identified SEF Faculty Facilitator and then by HCS Department Head, (presently Pete Schwartz and Scott Steinmaus respectively) and then Cal Poly Risk Management

By signing below, I hereby approve this project for implementation.

Pete Schwartz, SEF Faculty Facilitator

Scott Steinmaus, HCS Department Head

Cal Poly Risk Management Representative