

Instructionally Related Activities Report Form

SPONSOR: Simone Aloisio
PROGRAM/DEPARTMENT: Chemistry
ACTIVITY TITLE: Sustainability at CI
DATE (S) OF ACTIVITY: Ongoing

Please submit via email to the IRA Coordinator along with any supporting documentation at david.daniels@csuci.edu within 30 days after the activity. Thank you for your commitment to engaging our students!

A. ADDRESS THE FOLLOWING QUESTIONS:

- (1) PROVIDE A DESCRIPTION OF THE ACTIVITY;
 - (2) HOW DID THE ACTIVITY RELATE TO A COURSE(S) AND/OR LEARNING OBJECTIVES?
 - (3) WHAT DO YOU SEE AS THE STRENGTHS OF THE ACTIVITY?
 - (4) WHAT WOULD YOU SAY ARE/WERE THE ACTIVITY'S WEAKNESSES?
 - (5) HOW WOULD YOU IMPROVE THIS ACTIVITY FOR NEXT TIME?
 - (6) WHAT DID YOU LEARN FROM THE PROCESS?
 - (7) WHAT ARE STUDENT RESPONSES TO THE ACTIVITY? ATTACH STUDENT EVALUATIONS OR ASSESSMENTS (IN ACCORDANCE WITH FERPA RESTRICTIONS YOU MUST REMOVE ALL PERSONALLY IDENTIFIABLE STUDENT INFORMATION)
 - 8) GIVE A SUMMARY OF EXPENSES FOR THE ACTIVITY (DO NOT INCLUDE ACCOUNTING STRINGS)
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B. ATTENDEE LIST- SUPPORTING DOCUMENT:

In addition to the report form, *in a separate document*, attach to your email a list of attendees complete with each student major and grade level. This for IRA Committee reference only and will not be published on the IRA website. Include your name and the title of your IRA activity on the document.

C.IMAGES FROM ACTIVITY:

Please embed 3-5 images in this document (or attach in .JPEG format) that demonstrate student participation with captions/titles.

(1) PROVIDE A DESCRIPTION OF THE ACTIVITY

Students proposed sustainability projects for our campus and implemented those projects in classes related to this proposal.

Last Spring the following projects were **implemented by Chem 344 students**:

- 1) Food Drive and Food Insecurity Awareness: <http://safakhan.cikeys.com/food-drive/>
- 2) Electronic Waste Disposal: <http://safakhan.cikeys.com/electronic-waste-disposal-event/>
- 3) Green Screens (Sustainability Awareness Campaign): <http://safakhan.cikeys.com/green-screens/>
- 4) Organic Waste Campaign (to help prepare us for AB1826): <http://safakhan.cikeys.com/organic-waste/>
- 5) Waste Signage Improvement: <http://safakhan.cikeys.com/waste-signage/>

Last Spring the following projects were **implemented by staff on campus, but were proposed and funded from Chem 101 students**:

- 1) Battery Powered Garden Tools: <http://safakhan.cikeys.com/battery-powered-garden-tools/>
- 2) Solar Powered Parking Lot Light Installation: <http://safakhan.cikeys.com/solar-parking-lot-lights/>

Projects get implemented based on proposals the students make, along with key decision makers in the Provost's office and with Administration and Finance. Safe Khan, Gina Matibag, and Colleen Barsley play important roles in implantation. Safa is the instructor for the CHEM 101 and CHEM 344 courses, Gina represents the Provost's office, and Colleen represents Administration and Finance. Sean Anderson also proposes projects for his class through Gina.

(2) HOW DID THE ACTIVITY RELATE TO A COURSE(S) AND/OR LEARNING OBJECTIVES?

These projects relate to the course learning objectives by using the campus as a laboratory for these sustainability projects. As a result, the students learn something they can apply to their communities.

(3) WHAT DO YOU SEE AS THE STRENGTHS OF THE ACTIVITY?

We use a High Impact Practice to teach students about science and sustainability. In the process, we are also making our campus more sustainable.

(4) WHAT WOULD YOU SAY ARE/WERE THE ACTIVITY'S WEAKNESSES?

We don't have buy in from some areas of campus that could really benefit from these projects.

(5) HOW WOULD YOU IMPROVE THIS ACTIVITY FOR NEXT TIME?

Every year, this activity improves. The projects become better, we are garnering larger support from the campus community and students. We could use more visibility as I am not sure how well known these activities are outside of the people involved with it.

(6) WHAT DID YOU LEARN FROM THE PROCESS?

Be persistent.

(7) WHAT ARE STUDENT RESPONSES TO THE ACTIVITY? ATTACH STUDENT EVALUATIONS OR ASSESSMENTS (IN ACCORDANCE WITH FERPA RESTRICTIONS YOU MUST REMOVE ALL PERSONALLY IDENTIFIABLE STUDENT INFORMATION)

The term is not up, but we can collect these and submit them if needed.

(8) GIVE A SUMMARY OF EXPENSES FOR THE ACTIVITY.

The funded activities had budgets ranging from \$0 to \$10000.

B. ON SEPARATE DOCUMENT, PLEASE ATTACH ATTENDEE LIST (PERSONALLY IDENTIFIABLE INFO REMOVED)

C. PLEASE INCLUDE UP TO 6 IMAGES IN THIS DOCUMENT TO DEMONSTRATE STUDENT PARTICIPATION

<https://www.facebook.com/SustainableCI/posts/1902897266395921>

<https://twitter.com/SustainableCI/status/968591163291783169>

More images can be found on the links related to the projects.