

# 16<sup>th</sup> Annual CSUF Geological Science Research Day

## *Friday May 2<sup>nd</sup>, 2025*

*Food – Drinks – Research – Professional Contacts – Prizes!*

*Questions? Contact W. Richard Laton ([wlaton@fullerton.edu](mailto:wlaton@fullerton.edu))*

## Submission Categories

### Undergraduate Proposal

Appropriate for students engaged in their 1<sup>st</sup> or 2<sup>nd</sup> unit of GEOL 498 depending on their progress. Presentations should summarize their thesis proposal, with emphasis on the rationale, hypothesis, or research question, and the proposed methodology.

### Undergraduate Thesis

Appropriate for students engaged in their 2<sup>nd</sup> or 3<sup>rd</sup> unit of GEOL 498 depending on their progress. Presentations should emphasize the rationale of the study, hypothesis, or research question, utilized methodology, results, and a discussion of conclusions.

### Graduate Proposal

Appropriate for graduate students engaged in research at the proposal stage. Presentations should summarize their proposal, with emphasis on the rationale, hypothesis, or research question, and the proposed methodology.

### Graduate Thesis

Appropriate for graduate students engaged in research at the results stage. Presentations should emphasize the rationale of the study, hypothesis, or research question, utilized methodology, results, and a discussion of conclusions – even if only preliminary.

### General Student Research (*not eligible for awards*)

Appropriate for non-thesis research or Environmental Studies Research being conducted under the direction of a Geology Professor. This category is open to local Community College geology student research, High School student research or efforts tied to geology classes, field trips, overseas studies, or GEOL 499. You are required to still produce an abstract and poster.

## Abstract Submission Instructions

**Due to Monday, April 28<sup>th</sup>, late abstracts will not be included in the printed abstract volume, so please submit this on time!**

Submit your abstracts via the attached PDF form.

## Evaluation of Scientific Presentation Form

(completed by faculty and/or geology professionals)

POSTER TITLE: \_\_\_\_\_

PRESENTER: \_\_\_\_\_

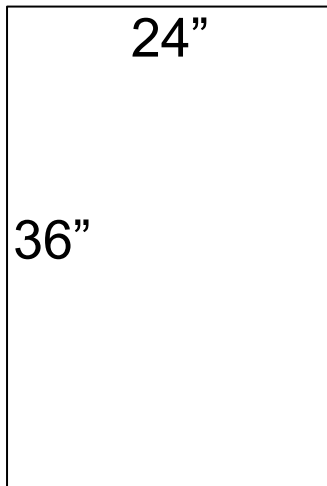
Check the appropriate category			
Undergraduate Proposal		Graduate Proposal	
Undergraduate Thesis		Graduate Thesis	

Use these criteria below to evaluate the poster presentation. Circle only 1 number. 1 = strongly disagree; 3=neutral; 5=strongly agree.

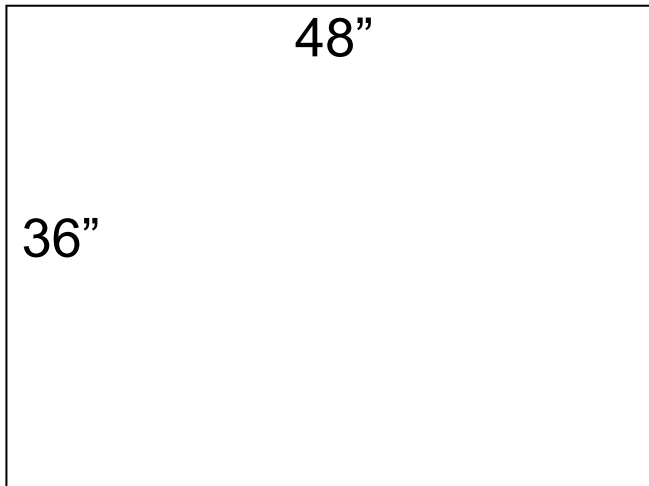
CRITERIA	SCORE (circle)
Does the poster present a hypothesis-driven project?	Yes 25 No 0
The poster format/layout attracts viewer's attention.	1 2 3 4 5
Words are easy to read from an appropriate distance (3-5 feet).	1 2 3 4 5
Poster is well-organized and easy to follow.	1 2 3 4 5
Graphics and other visuals are of high quality and enhance presentation.	1 2 3 4 5
The poster is neat and appealing to look at.	1 2 3 4 5
Content is clear and easy to understand.	1 2 3 4 5
Purpose of study (or questions being asked) is (are) stated clearly.	1 2 3 4 5
I understand why someone might be interested in the results of this study.	1 2 3 4 5
The geologic setting of the sample site is presented clearly	1 2 3 4 5
There is enough detail about methods for me to investigate a sample of my own and acquire comparable results.	1 2 3 4 5
The findings of the study are appropriate and reasonable.	1 2 3 4 5
Poster is free of unnecessary/distracting detail, sarcasm, complaining.	1 2 3 4 5
Conclusions are stated clearly.	1 2 3 4 5
Presenter's response to questions demonstrated knowledge of subject matter and project.	1 2 3 4 5
Overall, this was an outstanding poster presentation.	1 2 3 4 5
Other comments	
SCORE	/100

## Poster Formatting Instructions

**BS/MS Proposal** Category Poster  
Maximum Size:



**BS/MS Thesis/Research** Category Poster  
Maximum Size:



Students should work closely with their thesis advisors to develop a poster that effectively presents their research proposal or thesis findings. Please coordinate with **Brian Killeen (MH-202A)** ([bkilleen@Fullerton.edu](mailto:bkilleen@Fullerton.edu)) (657)278-4330 to schedule poster printing. Students are responsible for bringing their posters to the Research Day event, where they will hang them on poster display tripods for presentation and evaluation. Please read the “*Poster evaluation form*” at the end of this document to see how your poster will be evaluated.

If you have never made a scientific poster before, I suggest you print out the rubric and walk around the 2<sup>nd</sup> and 3<sup>rd</sup> floors of McCarthy Hall to look at other posters. There are also many resources on the web to help you. For example:

<http://serc.carleton.edu/NAGTWorkshops/assess/poster.html>

[http://serc.carleton.edu/files/sp/library/communications\\_curricula/examples/tip\\_sheet\\_effective\\_poster\\_1\\_257184940.pdf](http://serc.carleton.edu/files/sp/library/communications_curricula/examples/tip_sheet_effective_poster_1_257184940.pdf)