

Environmental Division (ED) Student Poster Contest

Overview

the Environmental Division (ED) holds annual student poster session as a way to encourage and foster the next generation of Geologists, Geological Engineers, Environmental Engineers, and Environmental Scientists, and to support their academic achievements. The ED welcomes both graduate and undergraduate participants from a diversity of universities. Students submit their abstracts online and then display their posters at the ED Luncheon held during the SME Annual Conference & Expo. They explain their research in person to a panel of judges selected from industry, academia and the ED leadership, who review the quality of abstracts, posters and presentations to determine the winners.

Students have the opportunity to show off their work and a chance to put cash in their pockets to further their education. The first-place winner receives \$1,000; the second-place, \$500; and the third-place, \$250. In addition, each poster submission receives a complimentary ticket to the ED Luncheon.

Beyond the monetary incentive is the invaluable chance to network. Held just before the ED luncheon for all SME members to attend, the poster presentations provide a platform for professionals to talk with the students about their work. Business cards are often exchanged, providing students with a professional contact that might be able to provide some insight into their research as well as a point of contact with a company or organization that could be helpful when looking for a full-time position.

2019 ED Student Poster Contest

SME's ED invites all interested students to participate in its Student Poster Contest in conjunction with the 2019 SME Annual Conference & Expo in Denver, CO.

Contest Details:

- There will be one level of judging: graduate students and undergraduate students. However, consideration will be given to experience and level of education in regards to the subject matter.
- Two phases of judging will occur: abstracts and poster presentations.
- Prizes for each level: \$1,000 for 1st; \$500 for 2nd; and \$250 for 3rd. Each poster submission will receive a complimentary ticket to the ED Luncheon on Tuesday, February 26, 2019. Luncheon tickets will be for the author only.

Contest Format:

- Participants will submit a 1-page abstract by January 31, 2019.
- Poster presentations will be the morning of Tuesday, February 26, 2019. Each student will have five minutes to explain their research to a panel of judges.
- Judging will focus on the quality of abstracts, posters and presentation.
- Winners will be announced during the ED Luncheon.

To Qualify and Enter:

- To qualify, you must be currently enrolled in an undergraduate or graduate program at an accredited university, a member of SME, and must be registered and have made plans to attend the 2019 SME Annual Conference & Expo.
- To enter, submit your 1-page abstract to bnielsen@fmi.com by January 31, 2019.
- All entries must be from individual students (i.e., co-authors may only be research advisors).

Timeline:

- 1-page abstract submitted by January 31, 2019.
- The ED Poster Session is scheduled for February 26, 2019.
- We recommend posters are prepared and approved by research sponsors by February 9.
- Failure to follow the guidelines and due dates listed here may result in ineligibility.

Formatting requirements:

EXTENDED ABSTRACT FORMAT (all entries)

- 1 page (including text and graphics); 8.5" x 11" paper size; 1" margins.
- Format per the template included.
- You must submit as a PDF file; the file name should be "last name, first name_ED contest 2019.pdf"
- Send your PDF file to bnielsen@fmi.com.

EXTENDED ABSTRACT TEMPLATE POSTER FORMAT (all entries)

- A poster size of 4'x8' is suggested, but not required.
- Many helpful guides to poster design are available and can be found online.
- Directions for hanging your poster in the session area will be provided at a later day for those posters abstracts selected to participate.

Helpful Dos and Don'ts

- **DO NOT** mount the text of your paper as the poster!
- **DO** use *at least 16 size font* for any text you mount. Most viewers will be at least three feet away from your poster, and smaller fonts will be difficult to see.
- **DO NOT** be absent from your scheduled poster time! The purpose of a poster session is to create additional opportunities for you to interact with your colleagues.

Points to consider when putting your poster together:

- Divide the contents of your poster into appropriate sections. For instance – title of paper, author, institutional affiliation, abstract, methodology, data, results, conclusions, etc.
- Use larger than 16 font lettering for the poster's title, author and institutional affiliation.
- Avoid fonts that are script or difficult to read.
- If hand lettering is required, use a black felt-tip pen (Sharpie).
- Be concise with your written material. Save elaborative points for discussion/interaction with viewers. For conclusions, focus on a central finding that lends itself to informal discussion.
- Use graphs, charts and/or tables (color if possible) to show results. Graphics help make your poster interesting.
- A neutral poster or matte board is more amenable to the eye than a brightly colored background. A splash of color here and there, perhaps highlighting central findings or provocative results, will make your poster “stand out” from the others.
- A mailing tube or portfolio case is recommended for transporting your poster.

EXTENDED ABSTRACT FORMAT

Your extended abstract (text) should be no longer than **ONE PAGE** and should conform to the following format:

TITLE

Student Author

Affiliation

Contact address

Keywords: (*Maximum five words*)

ABSTRACT

The abstract should give a clear indication of the **objectives, scope, results and conclusions of your work.**

INTRODUCTION

Background on the subject.

MATERIALS & METHODS (when applicable)

Include important materials and/or methods used during research.

RESULTS & DISCUSSION

One figure and one table can be included in your extended abstract (on second page)

REFERENCES

Note: references prepared according to the ACS Style Guide:

<http://library.williams.edu/citing/styles/acs.php>

GENERAL FORMAT

Follow the guidelines below:

- Paper format: standard 8.5"x11"
- All margins 0.75"
- Right and left justified text.
- Font and size: **Times New Roman 12 pt**, single line spacing
- Do not include page headers and footers.
- Major section headings should be in all capital letters, bold face; minor headings should be all capitals and italic.

POSTER FORMAT

A poster size of 44" x 35" is recommended, but not required. The space provided is approximately 4' x 8'. General poster guidelines can be found at the American Physical Society: <http://www.aps.org/meetings/policies/posters.cfm>

TITLE
Blank Line

Author First Initial Last Name Job Title Affiliation	Author First Initial Last Name Job Title Affiliation
<i>Blank Line</i> <i>Blank Line</i>	

1. Background

All margins should be set to 1". Title line will be 14 pt Arial font, bold, all caps, centered, limit two lines. All headings will be 12 pt Arial font, bold, left alignment numbered consecutively. Heading titles can be modified to complement research. All body text will be 12 pt Arial font, justified with 0.5" first-line indent. One blank line between sections.

2. Research Aim(s)

It is highly recommended approvals from research sponsors for abstract, oral presentations and posters are gained before January 29 to prevent any last-minute withdrawals. Abstracts will need to be converted to a PDF file before submitting to chair.

3. Materials and Methods

Include important materials and/or methods used during research.

4. Results

Wrap text around any graphics or tables to provide additional space for results or discussion. Captions should be short, concise and numbered sequentially if needed. Ensure graphs are easy to read and color scheme shows up clearly on printed (b/w) and computer versions.

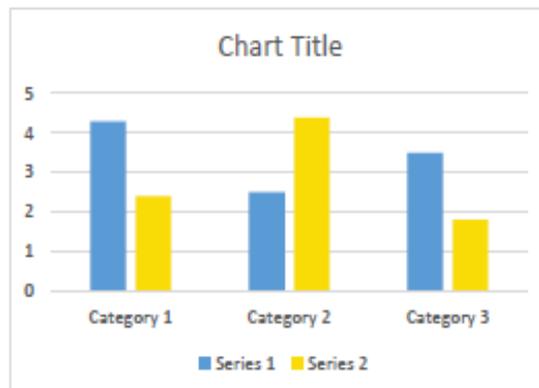


Figure 1: Minimal captions are needed.

5. Conclusion

Conclusion text will follow same format as all other sections. Check for alignment on bullets, section headings and indents. Minor placement of captions may be necessary; captions for figures will be below the figure and captions for tables will be above the table.

6. References (can be on separate page)

Reference section is the only section that can be included on a separate page. Please refer to http://www.smenet.org/SME/media/Publications-Resources/HowtoSubmittoMiningEngineering_2014.pdf for formatting guidelines.

1. Reference 1
2. Reference 2