

## DANIEL W. MEAD PAPER

**Competition Date:** Thursday, April 7<sup>th</sup>, 2016

**Competition Location:** Silver Legacy Conference Rooms

**Summary:**

The National Competition was established and endowed in 1939 by Daniel W. Mead, Hon.M.ASCE, a Society Past-President. The contest provides an opportunity for alert young civil engineers to further their professional development and gain national attention.

**Resources:**

The National Student Daniel W. Mead Competition Rules have been published at the website located below:

<http://www.asce.org/mead-student/>

The same topic and rules will be applied to the paper at the Mid Pacific Conference as seen on the above website and in the topic and rules sections below.

At the Mid Pacific Conference, a Mead Paper Presentation will also be judged in this competition.

**Topic:**

"When working in a foreign location, what defines the design standard which the engineer can rely on to have met his or her ethical obligation to provide a safe and sound engineering solution or design?"

The following can be used to stimulate, but should in no way limit, the discussion:

Engineers today in the global setting are having to evaluate different design guides, codes, standards and practices that are available to them in the region and select the most pertinent to their specific application that will meet their obligations as a professional engineer.

- When evaluating the different codes, standards and quality requirements, how is one to determine the minimum requirements that provide a good balance between local practices versus global best practices?
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- Do the local codes and standards, which may be less stringent than the standards that the engineer is typically accustomed to, meet his or her ethical obligation as the design engineer?

**Mead Paper Rules:**

1. Papers for the Regional Competition shall (a) be limited to one paper from each Student Organization; (b) not exceed 2,000 words in length; (c) be written by only one person; and (d) not have previously been published in other than school or Society publications.
2. Reference citations of the papers should conform to official ASCE Journal Submission Guidelines, which can be found on the ASCE Publications Website:  
<http://www.asce.org/Audience/Authors,-----Editors/Journals/Authors/Resources---for--Authors/>
3. A complete bibliography should also be included, if appropriate (Bibliography will not count towards total word count.)
4. Authors must be undergraduate students and both ASCE Student Organization members and ASCE national student members in good standing at the time of submission to be considered.

**Mead Presentation Rules:**

1. Each entrant must formally present his or her paper at the Mid Pacific Conference. Presentations must be 5 minutes in duration (+/- 5 seconds without penalty.) Please see the scoring rubric for further scoring details.
2. Presentations must be accompanied by visual aids.
  - a. The host chapter will provide a projector and screen.
  - b. Any additional equipment shall be furnished by the presenter.
  - c. The specifications of the convention room and type of useable input for the projector will be provided in Mailer II.
3. The host school will not provide a timer for the presenter's use. The presenter may have someone in the room help keep track of the time, but they shall not be a distraction for the judges.
4. At the end of each presentation, the judges will have up to (5) minutes to ask questions.

**Submittal:**

The Mid Pacific Mead Paper submittal deadline will be March 1<sup>st</sup>, 2016.

A completed paper submission will consist of a single PDF file containing

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1. A cover letter with the title of the paper, the author's name, the name of the school the author is competing for, a mailing address, and an e-mail address.
2. The paper being submitted.

The name of the file shall follow this format:

Mid-Pac Mead Paper – *Author's last name – Name of University.pdf*

Submissions should be sent to [midpacmead@gmail.com](mailto:midpacmead@gmail.com) and must be received on or before March 1<sup>st</sup>.

Please be advised, the submittal to the Mid Pacific Mead Paper Competition should not be confused with the National Daniel W. Mead nomination. Although the two competitions have the same topic, rules, and submittal date, they are two individual competitions with two different submittals.

**Scoring and Awards:**

1. The paper and presentation carry equal weight of 50 points each, for a maximum overall score of 100 points from each of the three judges. Please see the Mead Paper Competition scoring rubric for further scoring details.
2. The overall scores will be the average of all three judges and ranked accordingly.
3. Awards will be as follows: 1<sup>st</sup> place - \$100, 2<sup>nd</sup> place - \$75, and 3<sup>rd</sup> place - \$50.

Any questions regarding the Mid Pacific Mead Paper Competition may be sent to:  
[midpacmead@gmail.com](mailto:midpacmead@gmail.com)



<b>Paper Scoring Criteria</b>	<b>Score</b>
1. Adherence to topic	/10
2. Presence of original ideas and research involved	/10
3. Command of subject matter	/10
4. Spelling and grammar / length (2,000 word maximum)	/5
5. Overall clarity, organization, quality of paper and references	/15
<b>Paper Sub-Total</b>	<b>/50</b>

<b>Presentation Scoring Criteria</b>	<b>Score</b>
1. Degree to which presentation addressed and supported key concepts of written paper and theme of contest	/ 10
2. Ability to communicate key concepts from written paper and to convince audience of their importance. Ability to address and answer questions effectively	/ 25
3. Personal bearing (i.e. appearance, poise, eye contact)	/ 5
4. Delivery style (i.e. reading, memorized, conversational) / pronunciation and proper use of technical language and grammar / enthusiasm and voice projection	/ 5
5. Time (5 minutes +/- 5 seconds) (Beyond 5-- second allowance: 0.05 point penalty per second difference from required 5 minutes, i.e. 5:20 or 4:40 = 1 point penalty)	/5
<b>Presentation Sub--Total</b>	<b>/ 50</b>

Errors in logic or facts (up to 10 points penalty)	( ) penalty
<b>Overall Score</b>	<b>/ 100</b>