2024 ASCE Gulf Coast Student Symposium

Student Symposium Paper Competition

Submission due date: February 15, 2024

Submission email link: GCSS@uno.edu

Submission subject line: Your University Name, Author’s first and last name, Author’s ASCE ID#

Presentation date: March 9, 2024

The ASCE Student Symposium Paper Competition emphasizes the importance of being able to write and present a paper as essential communication skills for all engineers and often necessary for advancement in your career.

Participation in the Student Symposium Paper Competition, including submission and presentation by a member of the ASCE Student Chapter, is a requirement to be eligible to advance to an ASCE Society-wide competition finals and SSBC National Finals.

Each team must submit one paper by the submission due date above and provide a presentation at the symposium. The topic for the Student Symposium Paper Competition is the same as the 2024 National Daniel W. Mead Prize for students topic located here: <https://www.asce.org/career-growth/awards-and-honors/daniel-w-mead-prize-for-students/>

**2024 Topic:**

Per ASCE’s Code of Ethics, engineers govern their professional careers on the following fundamental principles:

* create safe, resilient, and sustainable infrastructure;
* treat all persons with respect, dignity, and fairness in a manner that fosters equitable participation without regard to personal identity;
* consider the current and anticipated needs of society; and
* utilize their knowledge and skills to enhance the quality of life for humanity.

Civil engineers are responsible for planning, designing, constructing, maintaining, and operating infrastructure while protecting and advancing the health, safety, and welfare of the public. Technology, particularly the use of Artificial Intelligence (AI), has the potential to change engineering in the future and design the built environment for generations. Ethical responsibilities of an engineer may or may not align with the use of AI on engineering projects.

**Discuss how engineers need to evaluate their ethical responsibilities as they determine whether or how to use AI to aid in their work.**

**Requirements:**

* Papers are not to exceed 2,000 words in length.
* Must be written by one author and presented by this same author.
* Authors must be undergraduates in good standing with their chapter and institution and able to provide their ASCE member number.
* Paper should not have appeared in any publications besides school or chapter.
* Reference citations should conform to official ASCE Journal Guidelines.
* Submissions need to include author's ASCE member number.
* Each paper submission must include a presentation up to five-minutes in time and up to an additional five-minute period for judging questions at the Student Symposium. Points wiII be deducted for presentation times longer than five minutes.
* Paper Competition scores will consist of 50% paper evaluation and 50% presentation / Q&A judgement.
* Paper submissions must be sent to GCSS@uno.edu by midnight February 15, 2024 as a .pdf file with the file name: SSPaper-Author's Last Name–ASCE Member#-Name of University.pdf