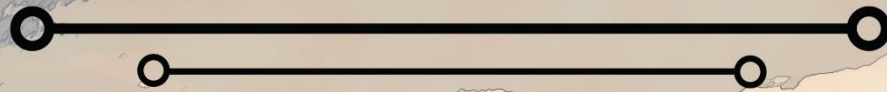




AMERICAN SOCIETY OF
WGL | **UIUC**
2022
CIVIL ENGINEERS



MAILER 1



Meet the Executive Committee

Jack Lawrence	<i>Executive Chair</i>
Jacky Lin	<i>Executive Chair</i>
Robert Wiggins	<i>External Relations</i>
Ashmitha Dandamudi	<i>Non-Flagship Competitions</i>
Danny Gentile	<i>Funding</i>
Dominic Pontrelli	<i>Concrete Canoe</i>
Helen Sun	<i>Steel Bridge</i>
Maksymilian Jasiak	<i>International Services & Logistics</i>
Rex Chung Hin Tse	<i>Awards Banquet & Networking</i>

Deadlines Summary

Event	Date
Mailer 1 Receipt Form*	October 17 th , 10:00 am CDT
Steel Bridge Participation Form	October 30 th , 11:00 pm CDT
Student Chapter Registration	November 29 th , 10:00 am CST
Mailer 2 Receipt Form**	December 5 th , 10:00 am CST
Attendee Registration	February 1 st , 10:00 am CST
Mailer 3 Receipt Form**	March 6 th , 10:00 am CST
Late Registration Cutoff	March 6 th , 10:00 am CST
WGL 2022 Student Symposium	April 7 th – April 9 th

*The Mailer 1 Receipt Form can be accessed at the following link: <https://forms.gle/jFhaMP9UwgQ1toUu6>

**Forms will be released at a later date

Flagship Competitions

ASCE Concrete Canoe Competition*

The concrete canoe competition originated from the University of Illinois at Urbana-Champaign but has now grown to a national event. Student teams pre-build and then race canoes made of a special concrete mix, giving students practical hands-on experience and leadership opportunities within their teams. The competition at WGL 2022 will serve as regional qualifiers.



ASCE-AISC Student Steel Bridge Competition*

Students work in a team to design, fabricate, and build a 20 ft steel bridge to support up to 2500 pounds and meet deflection criteria from AISC and NSBBC. The competition at WGL 2022 will serve as regional qualifiers.



*Teams who place first in these competitions will qualify for national finals.

Other Competitions

Alongside the flagship competitions, we will also be offering some smaller, but equally exciting events for students to participate in:

ASCE Technical Paper Competition (MANDATORY)

The technical paper competition is one of the simplest competitions on offer. Students will be provided with a prompt and will subsequently write a well-researched paper. Last year's prompt asked students how the civil engineering profession should respond to the COVID-19 pandemic. All participating universities are required to submit papers to this competition.

ASCE Sustainable Solutions Competition*

Sustainability has become a key feature in almost every aspect of civil engineering. For this event, participants will develop a "sustainable solution" to a design prompt. Last year, students developed a conceptual site design for a fictional university which was remodeling its campus.

ASCE UESI Surveying Competition*

Administered by the Utilities Engineering and Surveying Institute (UESI), this competition evaluates students' surveying abilities. The competition will be divided into five tasks: 1) Developing a Topographic Map, 2) Pacing, 3) Differential Leveling, 4) Building Stakeout, 5) Determining the depth of a proposed sewer line and the cut at each station.

ASCE Construction Institute Competition*

When it was introduced last year, the Construction Institute challenge became an instant hit at symposiums across the nation. Participants will be tasked with creating a bid for a small but real-life project. Teams must then convince the owners (or judges in this case) why their bid should be selected. The challenge is especially popular amongst students interested in construction management.

*Teams who place first in these competitions will qualify for national finals.

Geowall

Students will design and build their own mechanically stabilized retaining walls. These walls will be tested until failure by simulating a live load with hundreds of pounds of sand. This competition is a favorite amongst aspiring geotechnical engineers.

Concrete Cornhole

A beloved tradition for the Great Lakes Region where students design and build their own concrete cornhole boards. Extra points are awarded based on aesthetics, weight, and overall strength. Luck is also a factor in this competition as one throw could be the difference between winning and a broken board.

Quiz Bowl

Modeled after “Jeopardy”, students will be tested on their civil engineering knowledge in this high-stakes and fast-paced competition. Historically, question topics have ranged from “name that aggregate” to “famous civil engineers”.

Scavenger Hunt

Inspired by another hit T.V. show, “The Amazing Race”, students will be pushed to their physical limit as they race around campus to complete various civil engineering related challenges.

Volleyball Tournament

Only so many universities can race their canoes on the lake at the same time. For those who are waiting, we will offer a casual volleyball tournament on the sidelines.

Professional Development

In addition to our competitions, we will be hosting a range of professional development events, with opportunities for recruitment and networking. These events include a business meeting, private recruitment event and closing ceremony.

ASCE Regional Business Meeting

During this event, business pertaining to the ASCE Western Great Lakes Region will be discussed. *At least one representative from each ASCE Student Chapter is required to attend. Typically, this is the President or Symposium Chair.*

Sponsor Mocktail Hour

This event will be a more casual networking, meet & greet style event held right before the closing ceremony. Students will have the opportunity speak with sponsors about recruitment opportunities.

Closing Ceremony and Banquet

On Saturday April 9th, at about 7pm, we will be hosting the formal closing ceremony for WGL at a large banquet location. Awards will be distributed to students. A banquet-style dinner will be provided.



Rules and SSBC Stipend

Rules for all ASCE Society-Wide Competitions (except Technical Paper) can be found below. Submittal deadlines not specified in these rules will be released in Mailer 2. Rules for all regional competitions will also be released in Mailer 2.

[Click here for all society-wide competition rules](#)

Student chapters participating in the ASCE-AISC Student Steel Bridge Competition should fill out the form found below by **October 30th, 2021**. ASCE Student Chapters who are participating in SSBC and complete the form will receive a stipend of \$500. **Even if your student chapter will not be participating in SSBC, you should still complete the form, so ASCE is aware of this information.**

[Click here for the form](#)

Eligibility Requirements

To compete in any of the qualifiers for the ASCE Society-Wide Competitions, all team members must be ASCE National Members. National membership is free for all university students. The link to the application can be found below:

[Click here for the ASCE Student Membership application](#)

To be eligible for any of the ASCE Society-Wide national finals, your ASCE student chapter must fulfill certain requirements. These requirements can be found at the link below.

[Click here for the eligibility requirements](#)

Registration

Registration for all ASCE student symposia is divided into two parts: student chapter registration and attendee registration. During student chapter registration, each ASCE Student Chapter pays a general fee for participating in the symposium and declares which events they will be competing in. During attendee registration, each ASCE Student Chapter pays additional fees for each attendee they are sending to the conference.

Step 1: Student Chapter Fees

Student chapter fees for WGL 2022 will be **\$230** and should be postmarked by **November 29th, 2021**. Please make checks payable to “ASCE UIUC- Dan Gentile”. Checks should be sent to the following mailing address:

*Danny Gentile
601 S. First Street
Apt 404
Champaign, Illinois 61820*

Step 2: Student Chapter Registration Form

Once you have sent your student chapter fees, please fill out the form linked below:

[Click here for the student chapter registration form](#)

Step 3: Attendee Registration Fees

Attendee registration fees for WGL 2022 will be **\$95 / attendee** and should be postmarked by **February 1st, 2022**. Please follow the same procedures listed in Step 1 for mailing your check.

Step 4: Attendee Registration Form

Once you have sent your attendee registration fees, please fill out the excel sheet linked below and send it to jackal3@illinois.edu by **February 1st, 2022 10:00 am CST**. The subject line should be written in the following format: “[University Name] – Attendee Registration” Any attendees registered after this date (but before the late registration cutoff date) will be assessed a fee of **\$125 / attendee** (as opposed to \$95 / attendee)

[Click here for the attendee registration form](#)

Mailer Schedule

Event	Date	Description
Mailer 1 Call	October 17 th , 10:00 am CDT	<i>In-depth coverage of the topics covered in Mailer 1</i>
Mailer 2	November 29 th , 10:00 am CST	<i>Updates, maps, safety notices, tentative schedule, finalized rules, hotel information</i>
Mailer 2 Call	December 5 th , 10:00 am CST	<i>In-depth coverage of the topics covered in Mailer 2</i>
Mailer 3	February 28 th , 10:00 am CST	<i>Updates, parking passes, final schedule with heat times</i>
Mailer 3 Call	March 6 th , 10:00 am CST	<i>In-depth coverage of the topics covered in Mailer 3</i>

Contact Us

As always, please do not hesitate to ask any questions. We will respond as soon as we are able. Jack can be reached via email at jackal3@illinois.edu and Jacky can be reached via email at jacky2@illinois.edu. If possible, please put your question in the Discord server first.

Discord: <https://discord.gg/Qst5gD6NuY>