

**2024 ASCE Intermountain Southwest
Student Symposium Mailer 3**



**April 11-13, 2024
Hosted By Utah State University
ASCE Student Chapter**



2024 ASCE Intermountain Southwest Student Symposium
Utah State University
April 11-13, 2024

March 21, 2024

Dear ASCE Student Chapter of the Intermountain Southwest Student Conference

This is your **2024 ASCE Intermountain Southwest Student Symposium (ISWS)**, the *last* of three packets to be sent to each of the participating ASCE Student Chapters in our Student Conference. In addition, you can find information on the schedule, competitions, hotel bookings, registration, and location addresses on our student symposium [website](#).

Please carefully read through this packet and forward copies to the appropriate members in your student chapter (team captains, individual team members, etc.). Do not delete this mailer as the information given within may not be in earlier mailers. Enclosed you will find the following information:

- [Receipt confirmation & registration reminders](#),
- [Safety-first culture information](#),
- [Maps, directions, and parking information](#),
- [Non-competition event information](#),
- [Presentation technology and social network information](#),
- [Final deadlines](#),
- [Final student symposium schedule](#),
- [Final presentation schedules](#),
- [ASCE Pop-up Leadership Workshops information](#),
- [ASCE competition eligibility requirements](#),
- [Business Meeting information](#),
- [Student Symposium Paper Competition information](#),
- [Sponsor recognition](#).

Receipt of this mailer should be confirmed by **April 1, 2024**.

If you have any questions not answered in this Mailer, feel free to contact us at the e-mail address: isws.usu.2024@gmail.com

We look forward to welcoming your student chapter to the 2024 ASCE Intermountain Southwest Student Symposium!

Sincerely,



Katie Andersen
 President, ASCE Student Chapter
 Utah State University



Aspen Pearson
 2024 ISWS Student Symposium Lead



RECEIPT CONFIRMATION

Please fill out the following Google form by **April 1, 2024** to confirm your chapter has received Mailer 3 regarding the 2024 ASCE Intermountain Southwest Student Symposium.



<https://forms.gle/ztX2zBSyLKa6ghvXA>

The completed form confirms that your chapter has received Mailer 3 regarding the 2024 ASCE Intermountain Southwest Student Symposium



SAFETY-FIRST CULTURE INFORMATION

This year ASCE and Utah State University are encouraging a Safety-First Culture during the symposium. We encourage all symposium participants to embrace this concept by thinking about safety in their activities coming to, returning from, and while at our symposium. We want **every** symposium participant to return home safe and healthy.

To generate a Safety-First Culture, we have designated Ken Jewkes as our symposium safety officer. Further, be on the lookout for safety information at the symposium, such as the location of first-aid supplies, who in the crowd have first-aid training and Safety Moments.

What is a Safety Moment? A Safety Moment consists of a quick discussion on an activity-specific, site-specific, or general safety topic. The Safety Moment may be presented by the leader of an activity, the symposium safety officer, or a member of the host symposium planning team. We ask that all participants give their undivided attention to the Safety Moment discussion and embrace the safety-first concept.

If an injury does occur during the symposium, it should be reported to the competition head judge, symposium safety officer, or activity leader immediately so that appropriate action can be taken based on the injury. If it is a true emergency, please call 911 first.

Contact information for the symposium safety officer and key host school representatives is listed below. Please keep this list close during the symposium.

Symposium Safety Officer

Ken Jewkes - kenneth.jewkes@usu.edu

Host School Faculty Advisor

Austin Ball – Austin.ball@usu.edu

Utah State University Police Department

(435) 797-1939

As a best practice, we strongly recommend that faculty advisors keep and maintain on-hand a list of emergency contact information for their university and participating students. ASCE and the student symposium host DO NOT collect emergency contact information from registrants.



In the spirit of a Safety Moment, here are some safe driving habits to keep in mind as you travel to the student symposium:

- Driving at the speed limit has proven to save lives.
- Do not drive when tired. Swap drivers often.
- Minimum of two people awake at all times when wheels are rolling.
- Be aware of how larger/heavier vehicles behave when stopping or turning.
- Be aware of your surroundings when backing any vehicle, especially trailers. Better yet, avoid backing up at all, if possible.
- Use a spotter to watch when you must back up a vehicle.
- Slow down when the conditions warrant (rain, snow, darkness, pedestrians nearby).
- Perform a circle of safety around your vehicle to identify what is in your blind spots.

Please note that Utah State University is a dry campus. Please see the [USU student conduct](#) webpage for further details. No Alcohol is permitted at any time or anywhere on campus. Also please be aware that the attendance waivers signed during registration state that the use of drugs and alcohol is prohibited at all ASCE Student Symposium events.

We hope **everyone** has a fun, healthy, and safe time at the 2024 ASCE Intermountain Southwest Student Symposium.



MAPS, DIRECTIONS AND PARKING

On the following pages are maps of conference locations. Specific driving direction for drop off procedure, trailer parking, and daily parking will be given at check-in. Check-in will be at the ticket office of the USU Dee Glen Smith Spectrum.

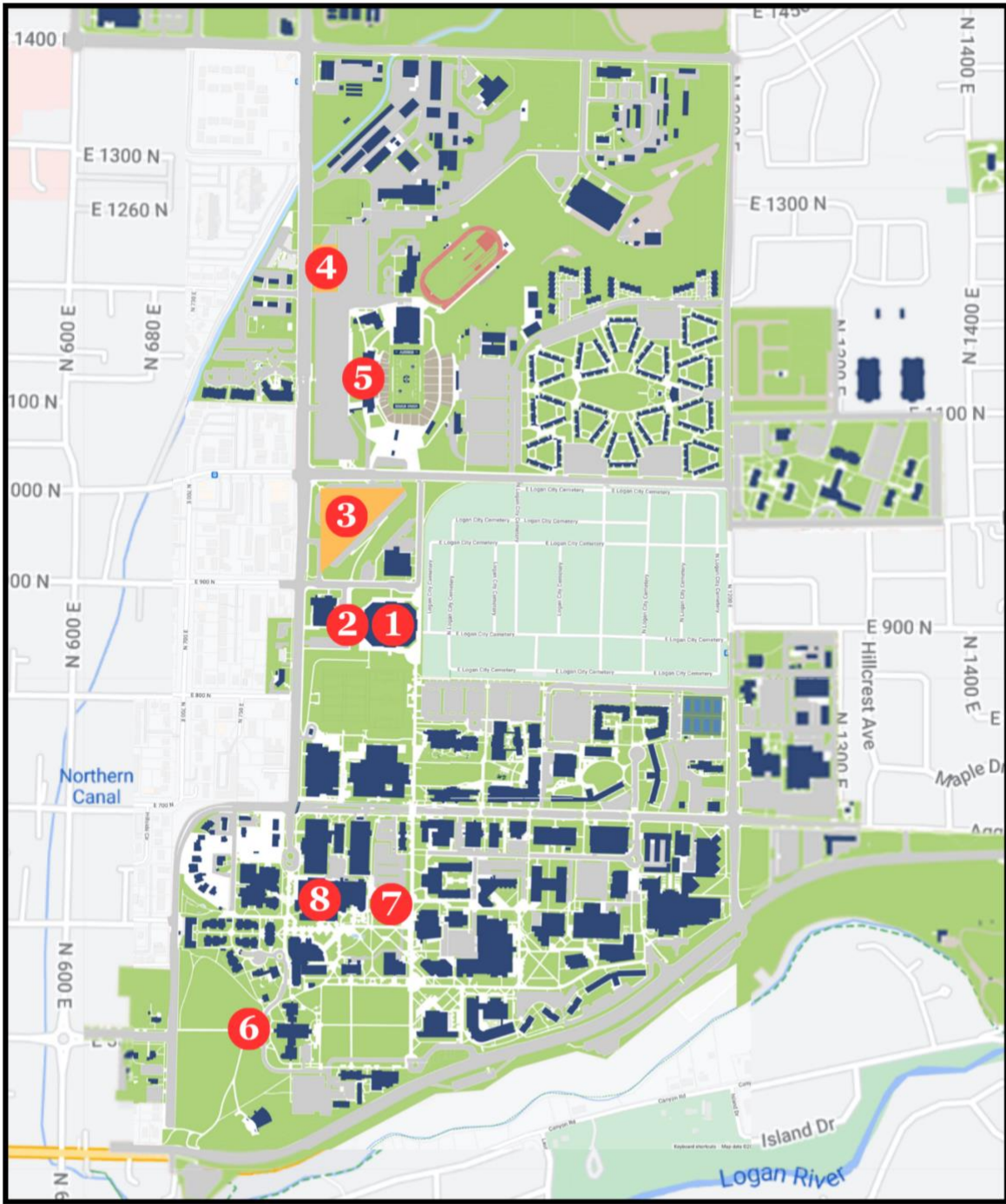
The Google Maps of Key Locations on campus can be found [HERE](#) or by following the QR code below:



A tentative map of Concrete Canoe Race day locations at Hyrum Reservoir can be found [here](#) or by following the QR Code below:



Map of Key Locations around USU Campus

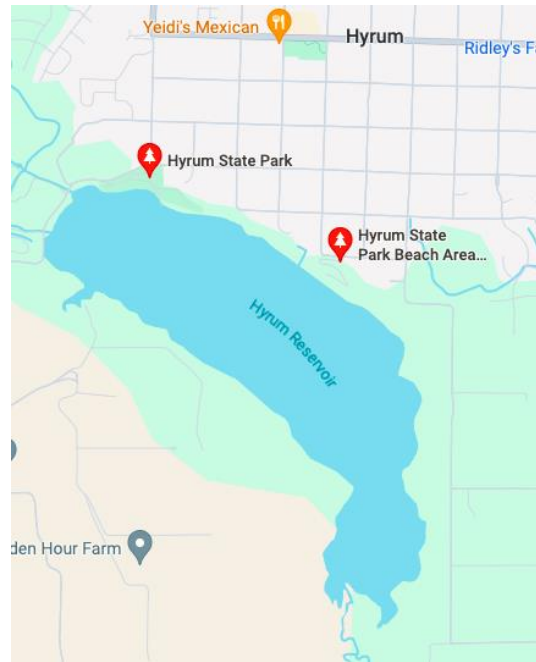


LEGEND

- | | |
|-----------------------------|---------------------------|
| 1. Dee Glenn Smith Spectrum | 5. West Stadium Center |
| 2. Check In | 6. Old Main Hill |
| 3. Day Parking | 7. University Inn |
| 4. Trailer Parking | 8. Taggart Student Center |



Hyrum State Park – Beach Area



The concrete canoe races will take place at Hyrum State Park. Canoe teams are highly encouraged to wear wetsuits. Water shoes are required by ASCE for participants in the water. Teams should be aware that trailers cannot navigate the switchbacks to the beach. Therefore, teams are required to transport their canoe by cart, manpower, or alternative means down to and back up from the water.

Further information and a map will be provided upon check-in.

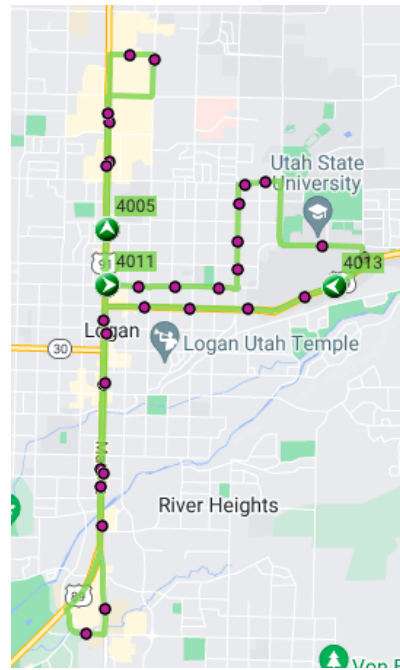
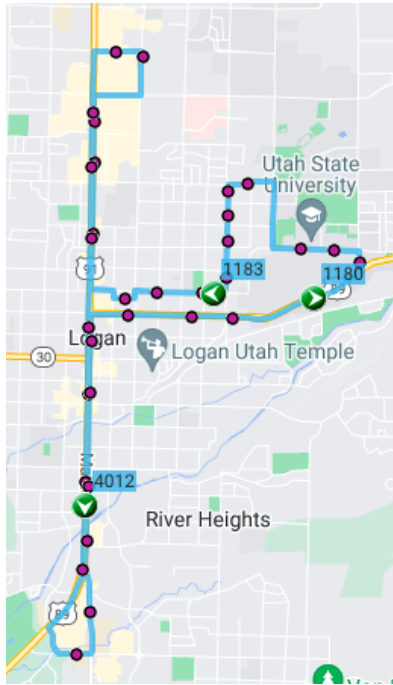
The entrance fee to the park is waived for all attendees, courtesy of Utah State Parks.



Public Transportation

Cache Valley Transit District offers zero fare public transportation. We advise teams to use this service to travel to and from campus as on-campus parking will be limited. Please be aware that peak times may require you to wait for the following bus.

The Blue and Green Loops travel along Logan Main Street and up to USU Campus. Follow [THIS HYPERLINK](#) for detailed information about these routes and more.



Non-Competition Event Information

Check-In: Wednesday, April 10th, 2024 from 5pm-8pm at the Ticket Office on the west side of the [Dee Glen Smith Spectrum](#) (aka Spectrum) on a first-come, first-serve basis. Chapters opting to check in Thursday morning, as indicated when confirming receipt of Mailer III, will be assigned a time between 5:00am-7:00am.

Welcoming Ceremony: Thursday, April 11th, 2024 at 8am in the Spectrum.

ASCE information table: Throughout the Symposium. Stop by the table to learn more about ASCE.

Networking Lunch: Friday April 12th, 2024 at 12pm in the West Stadium Center.

Banquet/Awards Ceremony: Saturday April 13th, 2024 at 7pm in the Taggart Student Center Ballroom. The attire is business professional, and dinner will be provided.

See later pages for information about the Pop-Up Leadership Workshops and Business Meeting



COMPETITION EVENT MISCELLANEOUS INFORMATION

Surveying: Teams competing in the ASCE UESI Surveying Competition are required to supply all necessary traditional surveying equipment and any safety equipment. Tables will be provided for topo map displays after presentations. See Competition rules for additional information.

Steel Bridge, Concrete Canoe, Environmental Design and Timber Strong: Teams competing in these competitions should note that their displays need to be arranged by 7:50 am on Thursday at the latest. Teams are encouraged to set up early to avoid any delays in judging.

PRESENTATION, TECHNOLOGY, AND SOCIAL NETWORK INFORMATION

Sustainable Solutions: For teams competing in the Sustainable Solutions Competition: we will provide the easel for the poster presentation.

Construction Institute: For teams competing in the Construction Institute Competition: teams are responsible to provide their own laptops for the event.

All Competitions: Each student team that presents is required to bring their digital presentation on a USB. The host will provide laptop and projector equipment.

Website: Important information about the 2024 Intermountain Southwest Student Symposium can be found on our [website](#). This will be updated leading up to and during the symposium.

Discord: Discord will be the main form of communication between schools before, during, and after the conference. The Discord can be accessed by following the link below or scanning the QR code.

<https://discord.gg/phqQhaPjms>



FINAL DEADLINES

March 20th	Sustainable Solutions Competition Technical Design Proposal, Envision Checklist and <u>Criteria Justification</u> , Public Outreach Poster, Sketchup files due <i>(Unique and secure link to be provided to each team from ASCE)</i>
March 21st	Mailer III (final) sent to each student chapter
March 28th	Environmental Design Competition Submission Due and Last Day for Environmental Design RFI
March 28th	Transportation Design Competition Submission Due
April 1st	Mailer III Receipt Confirmation due from each student chapter
April 4th	Timber-Strong Design Build - All Change Orders and final submittals uploaded to ASCE's Cerberus ftp server <i>(Teams to use the same unique link that was provided for Phase One Project deliverables)</i>
April 11-13th	2024 ASCE Intermountain Southwest Student Symposium

If your school is no longer participating in a competition, please contact isws.utahstate@gmail.com ASAP.



FINAL SYMPOSIUM SCHEDULE

Legend
All Teams
Steel Bridge
Concrete Canoe
Timber Strong
Environmental Design
Survey
Transportation
Sustainable Solutions
Paper
Construction Institute
Concrete Bowling Ball

Thursday		
Event	Start Time	Location
Check In Ends	7am	USU Spectrum
Display Set Up for SB, CC, TS, and ED	7:30am	USU Spectrum
Kick Off/Welcome Meeting	8am	USU Spectrum
Steel Bridge Display	9am	Spectrum Concourse
Concrete Canoe Display	9am	Spectrum South Pavilion
Environmental Design Build/Presentation	9am	Spectrum Floor Entrance
ASCE Cities of the Future Movie	9am	Champ Room
Pop-Up Leadership Workshop	9:30am	Clover Room
Timber Strong Set Up	11:30am	Spectrum Floor
Lunch	12pm	Spectrum Concourse
Timber Strong Build	1pm	Spectrum Floor
Concrete Canoe Presentation	1pm	Champ Room
Survey Presentations	1pm	Clover Room
Transportation Presentations	3pm	Clover Room
Pop-Up Leadership Workshop	6pm	Champ Room
Steel Bridge Captains Meeting	6pm	Clover Room
Social Activity	7pm	Cache Valley Fun Park

Friday		
Event	Start Time	Location
Surveying Field Tasks	7am	Old Main Hill Flagpole
Steel Bridge Build	7am	Spectrum Floor
Sustainable Solutions Presentation	9:30am	Champ Room
Pop-Up Leadership Workshop	11am	Clover Room
Lunch/Sponsorship Event	12pm	Spectrum Concourse
Paper Presentation	1pm	Champ Room
Steel Bridge Build, cont.	1pm	Spectrum Floor
Construction Institute	1pm	Clover Room
Concrete Canoe Captains Meeting	5:30pm	Champ Room

Saturday		
Event	Start Time	Location
Concrete Canoe Races	6am	Hyrum Reservoir
Sports	8am	Hyrum Reservoir
Concrete Bowling Ball	8am	Hyrum Reservoir
Lunch	12pm	Hyrum Reservoir
Business Meeting	5:30pm	Taggart Student Center
Banquet	7pm	Taggart Student Center Ballroom

Tuesday, April 9 th		
Event	Start Time	Location
Environmental Design Captains Meeting	8pm	Zoom
Timber Strong Captains Meeting	8pm	Zoom

PRESENTATION SCHEDULES

Concrete Canoe Presentations @ Champ Room		
Start Time	End Time	School
1:00 PM	1:20 PM	UNLV
1:20 PM	1:40 PM	BYU
1:40 PM	2:00 PM	NAU
2:00 PM	2:20 PM	USU
2:20 PM	2:30 PM	Break
2:30 PM	2:50 PM	BYU-I
2:50 PM	3:10 PM	UNR
3:10 PM	3:30 PM	UVU
3:30 PM	3:50 PM	UofA
3:50 PM	4:00 PM	Break
4:00 PM	4:20 PM	BSU
4:20 PM	4:40 PM	UofU
4:40 PM	5:00 PM	ASU

Survey Presentations @ Clover Room		
Start Time	End Time	School
1:00 PM	1:20 PM	USU
1:20 PM	1:40 PM	NAU
1:40 PM	2:00 PM	BYU
2:00 PM	2:20 PM	UNLV

Transportation Presentations @ Clover Room		
Start Time	End Time	School
2:30 PM	3:00 PM	UC Berkley
3:00 PM	3:30 PM	UC Davis
3:30 PM	4:00 PM	NAU
4:00 PM	4:10 PM	Break
4:10 PM	4:40 PM	USU
4:40 PM	5:10 PM	UNLV
5:10 PM	5:40 PM	BYU
5:40 PM	6:10 PM	ASU

Steel Bridge Build @ Spectrum Floor		
Start Time	End Time	School
7:00 AM	8:00 AM	NAU & BSU
8:40 AM	9:40 AM	UofA & UVU
10:00 AM	11:00 AM	USU & ASU
1:00 PM	2:00 PM	UNLV & BYU
2:40 PM	3:40 PM	UNR

Sustainable Solutions in the Champ Room		
Start Time	End Time	School
9:00 AM	9:20 AM	USU
9:20 AM	9:40 AM	ASU
9:40 AM	10:00 AM	BSU
10:00 AM	10:20 AM	BYU-I
10:20 AM	10:30 AM	Break
10:30 AM	10:50 AM	UNR
10:50 AM	11:10 AM	NAU
11:10 AM	11:30 AM	UNLV
11:30 AM	11:50 AM	BYU Provo

Steel Bridge Testing		
Start Time	End Time	School
8:00 AM	9:00 AM	NAU & BSU
9:40 AM	10:40 AM	UofA & UVU
1:00 PM	2:00 PM	USU & ASU
2:00 PM	3:00 PM	UNLV&BYU
3:40 PM	4:40 PM	UNR

If your university no longer intends to compete in an event, please notify the planning committee immediately: isws.usu.2024@gmail.com



PRESENTATION SCHEDULES

Paper Presentations in the Champ Room		
Start Time	End Time	School
1:00 PM	1:20 PM	NAU
1:20 PM	1:40 PM	BSU
1:40 PM	2:00 PM	USU
2:00 PM	2:20 PM	ASU
2:20 PM	2:30 PM	Break
2:30 PM	2:50 PM	BYU Provo
2:50 PM	3:10 PM	UofA
3:10 PM	3:30 PM	UNR
3:30 PM	3:50 PM	UofU
3:50 PM	4:00 PM	Break
4:00 PM	4:20 PM	BYU Idaho
4:20 PM	4:40 PM	UNLV
4:40 PM	5:00 PM	SLCC

Construction Institute		
Start Time	End Time	
1:00 PM	1:15 PM	Teams arrive
1:15 PM	1:30 PM	Intro/Announcements
1:30 PM	3:00 PM	Challenge begins
3:00 PM	4:00 PM	End challenge, prep presentations
4:00 PM	4:30 PM	Present

Concrete Bowling Ball		
Start Time	End Time	School
8:00 AM	8:15 AM	UofU
8:15 AM	8:30 AM	UNR
8:30 AM	8:45 AM	BSU
8:45 AM	9:00 AM	UVU
9:00 AM	9:15 AM	ASU
9:15 AM	9:30 AM	UNLV
9:30 AM	9:45 AM	USU
9:45 AM	10:00 AM	BYU-I
10:00 AM	10:15 AM	NAU
10:15 AM	10:30 AM	BYU
10:30 AM	10:45 AM	UofA

If your university no longer intends to compete in an event, please notify the planning committee immediately: isws.usu.2024@gmail.com



ASCE POP-UP LEADERSHIP WORKSHOPS

Don't miss the ASCE Pop-Up Leadership Shops hosted by the ASCE Committee on Student Members. Learn about professional skills you can use now and after graduation to help you grow in your career.

- Workshop #1 – “Ethics & Professional Conduct” / Thursday, April 11 @ 9:30 am
- Workshop #2 – “Pathway to the PE” / Thursday, April 11 @ 6 pm
- Workshop #3 – “What Is My Emotional Intelligence?” / Friday, April 12 @ 11 am

The graphic features a dark blue background with several orange triangles of varying sizes and orientations. The text "ASCE Pop-Up Leadership Shop" is prominently displayed in white and orange. Below this, an orange banner contains the text "Coming to Your Regional Symposium" and "SPRING 2024".

**ASCE Pop-Up
Leadership Shop**

Coming to Your Regional Symposium **SPRING 2024**



ASCE SOCIETY-WIDE COMPETITION ELIGIBILITY REQUIREMENTS

Competitions that advance to ASCE Society-wide Competition Finals include: ASCE Concrete Canoe Competition, ASCE Sustainable Solutions Competition, and ASCE UESI Surveying Competition. The AISC/ASCE Student Steel Bridge Competition advances to the SSBC National Finals and follows the eligibility requirements below. See [SSBC Rules](#) for more information.

Invitations to Student Symposia and ASCE Student Civil Engineering Championships/Society-wide Competition Finals are a privilege, not a right. Failure to act professionally can result in letters of reprimand, mandatory behavior management plans, and loss of invitations to further competition for individual institutions and/or entire conferences. Please note that the requirements for eligibility for Society-wide competition finals are more stringent than the requirements for participation at the student symposia competitions.

Eligibility for Student Symposium Competition

The following qualifications are required of all ASCE Student Chapters to compete at the Student Symposia Competitions:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
 - a. Have paid their annual dues, as received by ASCE, **no later than the start of their Student Symposium.**
 - b. Have submitted their student chapter's full Annual Report (required for advancement to national competitions) or EZ Annual Reporting Form **no later than February 1, 11:59 p.m. EST.**

Eligibility for ASCE Society-wide Competition Finals

The following qualifications are required of all ASCE Student Chapters in order to advance to the ASCE Society-wide Competition Finals:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
 - a. Have paid their annual dues, as received by ASCE, **no later than February 1, 11:59 p.m. EST.**
 - b. Have submitted their student chapter's **full Annual Report, no later than February 1, 11:59 p.m. EST and have received a minimum score of 25 points out of a possible 100. Student Chapters that submit an EZ annual reporting form do not qualify to advance on to competition finals; and**



ELIGIBILITY REQUIREMENTS (CONTINUED)

2. Attend and participate in their assigned Student Symposium as shown through their school's:
 - a. On-time attendance and active participation by a member of the ASCE Student Chapter at the Student Symposium Business Meeting.
 - b. Participation in the Student Symposium Paper Competition, including submission and presentation by a member of the ASCE Student Chapter. Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

Questions regarding eligibility should be directed to student@asce.org.



BUSINESS MEETING ([ELIGIBILITY REQUIREMENT](#))

The Business Meeting is scheduled to take place on Saturday, April 13th at 5:30pm in the Taggart Student Center (TSC).

The draft business meeting agenda is attached to the Mailer 3 email. If you have additional agenda items and/or motions that your student chapter would like to be included in the agenda, please submit them to isws.usu.2024@gmail.com by April 5, 2024.

Note that the business meeting is officially the business meeting for the Student Conference Board of Delegates. The Board of Delegates consists of two student delegates (preferably a senior or junior in an ASCE leadership position and a sophomore in or aspiring to an ASCE leadership position) and the faculty advisor from each student chapter. Each student delegate must be a member in good standing with their student chapter and the Society. Each student chapter in the Student Conference has one vote. At least one member of your ASCE student chapter must participate. ([See eligibility requirements.](#))



STUDENT SYMPOSIUM PAPER COMPETITION ([ELIGIBILITY REQUIREMENT](#))

This is a mandatory paper submission and presentation for any student chapter participating in the 2024 ASCE Intermountain Southwest Student Symposium that wishes to be [eligible to advance to ASCE Society-wide competition finals and SSBC National Finals](#). Competitions **requiring** this include:

- ASCE Concrete Canoe Competition
- ASCE Sustainable Solutions Competition
- ASCE/UESI Surveying Competition
- AISC/ASCE Student Steel Bridge Competition. ‘

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.

Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

The topic for the 2024 Intermountain Southwest Student Symposium Paper Competition is the same topic as the [Daniel W. Mead Prize for Students](#). However, the Student Symposium Paper Competition and the Daniel W. Mead Prize for Students are two separate competitions and **must be submitted separately**. The [Daniel W. Mead Prize for Students](#) is due March 1st and submitted to student@asce.org.

The Student Symposium Paper Competition paper was due February 28th and submitted to isws.usu.2024@gmail.com. Please put “Paper Competition Submission” in the subject line and name your submissions using the following format: University Name-NTP Submission-Year

Example Naming: USU-NTP-2024



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