



February 2025

Visit ASCE at www.asce.org
or call 800-548-ASCE

ASCE's mission is to provide essential value to our members, their careers, our partners and the public by developing leadership, advancing technology, advocating lifelong learning and promoting the profession.

GREETINGS DULUTH SECTION!

Greetings Duluth Section,

Our next luncheon is on Feb 18th at noon up at UMD held in conjunction with the Student Chapter. UMD grad student, Jensen Rice, will be speaking on developing non-proprietary ultra-high performance concrete containing Portland limestone cement. Please use the collaborate link (watch your email this week) to RSVP so we can be sure to have UMD prepared and so we can plan an accurate lunch head count. If you are unable to use collaborate, please send me a message. The cost of this event is \$25 if you register before 5 pm on February 14 and \$30 at the door for professionals.

We did get a date selected for the Toothpick Bridge competition for high school students at UMD and it is on March 25. If you would like to volunteer as a judge, please let me or one of our board members know.

Our Younger Member Group continues to host happy hours, and the next one will be at Tavern on the Hill on February 13th at 3 pm. Please see the newsletter for more info.

Also, the YMG group will be having a curling event in Superior on February 15th starting at 12:30 pm and the cost is \$10 to attend the event. See more details on this event in the newsletter.

Please see our scholarship application for the 2025-2026 school year which is in this newsletter. We are continuing to provide 3 Scholarships this year. Please forward or send to any applicable students. Applications need to be sent to Alex Popp, our secretary, by March 10th.

Sponsorship request letters have gone out to firms asking to sponsor for this year. Please check with your firm and make sure you received a letter and get this paid. These sponsorships are important for our association mainly to help fund end of the year scholarships for students and also help with other expenses we have throughout the year.

Our annual year end appreciation dinner will be held on May 21st at a venue in Duluth that will be decided soon. I would love to see all of you there to recognize our scholarship winners and enjoy a dinner and networking with fellow engineers and students.

Hope to see you on the 18^h for our monthly luncheon and please don't forget to RSVP.

Ryan Swanson
Duluth Section President

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Interested in submitting an article for the ASCE newsletter or becoming a Board Member?



BOARD OF DIRECTORS

2023-2024

President

Ryan Swanson, PE
Ulland Brothers, Inc.
(218) 966-9822
rswanson@ulland.com

President-Elect

Peter Demshar, PE
Barr Engineering Co.
952-913-6392
pdemshar@barr.com

Treasurer

Tyler Yngsdal, PE
SEH
218-279-3001
tyngsdal@sehinc.com

Secretary

Alex Popp, PE
apopp@DuluthMN.gov

Past President

Andrew Lund, PE
Barr Engineering
(218) 308-3077
alund@barr.com

BOARD CHAIRS

2023-2024

Younger Member Chair

Dalton Scharmer
TKDA
Dalton.Scharmer@tkda.com

Membership Chair

Vacant

Government Relations Chair

Vacant

Toothpick Bridge Chair

Travis Jensen
(612) 730-0580
jensio73@d.umn.edu

Web Updates

Rose Kopecky
SEH
(218)-249-1558
rkopecky@sehinc.com

Membership Outreach Chair

Rose Kopecky
SEH
(218)-249-1558
rkopecky@sehinc.com

UPCOMING MEETING

Date: February 18th, 2025

Speaker: Jenson Rice, Graduate Student

Topic: Developing Non-Proprietary Ultra High Performance Concrete (UHPC) Containing Portland Limestone Cement (PLC)

Time: 12:00 p.m. – 1 p.m.

Location: UMD High Bay

MEMBERSHIP AND BOARD MEETINGS FOR 2024-2025

Membership Meetings

February 18, 2025
March 18, 2025
April 15, 2025

Board Meetings

February 25, 2025
March 25, 2025
April 22, 2025
May 21, 2025

FINANCIALS

National Bank of Commerce

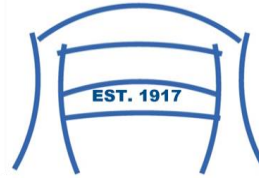
Main Checking	\$4,058.15
Younger Member Checking	\$6,662.74
Savings	\$5,483.21

Other Assets

Paypal	\$0.00
Other cash/checks	\$0.00
Petty Cash	\$100.00
October 2024' Total Assets	\$16,304.10
September 2024 Total Assets	\$14,697.47
Increase/(Decrease) in Assets	(\$1,606.63)

*Increase is from Duluth Section Allotment, and Luncheon





ASCE DULUTH SECTION YMG (UPCOMING EVENTS)

Come enjoy some free food and networking opportunities with young civil engineering professionals!
NO RSVP require, just show up!

Who:

Working professionals of all ages as well as civil engineering students

What:

Happy hour sponsored by ASCE Younger Member Group

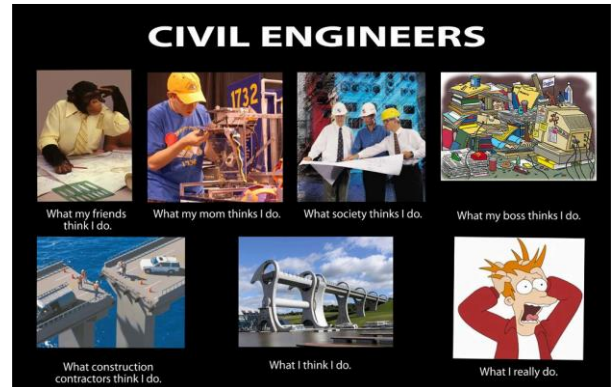
Where and When:

Happy hour will run from **5:00-6:30 p.m.** on the following dates:

February 13 – Tavern on the Hill (**3:00 p.m.** start – co sponsored with UMD Faculty)

March 25 – Hoops Brewing

April – TBA



Questions:

Contact Dalton Scharmer (Dalton.scharmer@tkda.com), Matthew Henderson (mhenderson@sehinc.com), Josh Tomczak (josh@nce-duluth.com)

ASCE DULUTH SECTION YMG (FEBRUARY)

Who:

YOU are invited to join happy hour sponsored by the Duluth Section of the American Society of Civil Engineering Younger Member Group and the University of Minnesota Duluth Civil Engineering Department!

What:

Come enjoy a social networking opportunity with local civil engineering professionals, UMD Alumni, students, and professors!

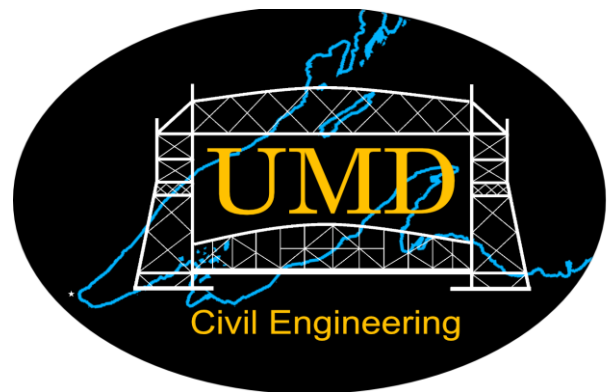
Where and When:

Tavern on the Hill (1102 Woodland Ave, Duluth, MN 55812 February 13th 3:00-5:30 (Following the STEM-Fest Career Fair on campus)

- Appetizers, stimulating conversations, and fun are guaranteed to be had by all!
- Stop by after the career fair, after class, or after work!
- No RSVP required!

Questions:

Contact Matthew Henderson (mhenderson@sehinc.com), Josh Tomczak (josh@nce-duluth.com)



What:

Curling Younger Member Event

Where and When:

Saturday, February 15th 12:30-3:00 p.m.
Superior Curling Club
4700 Tower Ave,
Superior, WI 54880



- Happy hour following curling at Earth Rider
- Come for an afternoon of networking and curling
- Duluth ASCE Section will provide appetizers
- All ASCE members are welcome Duluth Section and Student Chapter
- Don't worry if you haven't curled before
- What you need to bring
 - Entry Fee \$10
 - Loose pants (jeans are not comfortable to curl in)
 - Clean shoes (shoes without salt and sand to change into once at the club)

Questions:

Contact Matthew Henderson (mhenderson@sehinc.com) 507-514-0034

ASCE DULUTH SECTION BOARD MEETING AGENDA

December 18, 5:00 PM
Buffalo Hous, Duluth

Call Meeting to Order:

- Meeting called to order at 5:01 p.m.
- Attendance:
 - Ryan Swanson –President
 - Peter Demshar – Vice President
 - Tyler Yngsdal – Treasurer
 - Alex Popp – Secretary
 - Rose Kopecky – Website and Outreach Chair

Approval of Agenda (Ryan)

- A motion was made by Tyler Yngsdal, seconded by Peter Demshar to approve the agenda.
 - The motion carried by the following vote: All in favor.

Approval of Minutes (Alex)

- A motion was made by Pete Demshar, seconded by Tyler Yngsdal to approve the November Meeting Minutes.
 - The motion carried by the following vote: All in favor.

Government Relations (Vacant)

- Chris Rousseau is interested in the position



- Report card is coming in 2025 and will be lead by Peter
 - Chris and Peter will likely cover the Duluth items
 - AMI may assist with the Port

Student section update (Josh E/Zach H)

- Student section is out for the semester and did not provide an update

Younger Member Discussion (Dalton)

- Dalton sent a summary of YMG’s activities by email as he couldn’t attend
 - Site tour of the Lakeview Apartments two weeks ago went well
 - Had 8 attendees and the CG invited SCE back to visit the site and possibly climb the tower crane
 - Happy hours will start again in January
 - Hoping to have a curing event in February
 - Austin is planning on attending the multi-region conference
- YMG should have a delegate on board meetings
- Section needs a budget update from YMG

Treasurer’s Report (Tyler)

- Main Checking \$2,302.99
- Younger Member Checking \$6,788.77
- Savings \$5,482.07
- PayPal \$23.64
- Petty Cash \$100.00
- A motion was made by Pete Demshar, seconded by Ryan Swanson to approve the November’s Treasurer’s Report
 - The motion carried by the following vote: All in favor.
- PO Box renewal is due by the end of December
- Second Harvest Food Bank donation request was received
 - ASCE has previously donated to Second Harvest but does not have a budget item for it
 - Discussion to create a budget for 2025 and include a line item for December charitable donation
 - **A motion was made by Ryan Swanson, seconded by Tyler Yngsdal to donate \$100 to Second Harvest Food Bank**
 - The motion carried by the following vote: All in favor.

2024-2025 Speakers (Pete)

- January 21st – NCE (Structural) @ Pier B (room has been booked)
- February 18th – at UMD (Pete to confirm with UMD)
- March 18th – AMI @ BARR
- April 15th – West Superior Street recon @ BARR?
- May 20th End of year banquet @ Pier B or Blackwoods East End

2024-2025 BOARD MEETING / LUNCHEON SCHEDULE (ALL MEETING SCHEDULED AT 12:00 PM EACH DAY)

Luncheons

January 21st
 February 18th (@ UMD)
 March 18th
 April 15th
 May 20th – Year End Dinner

Board Meetings

December 18th
 January 28th
 February 25th
 March 25th
 April 22nd



May 21st

Newsletter Update (Pete)

- President's message (Ryan), meeting minutes (Alex), YMG (Dalton), UMD section updates (Zack), Sponsorship letter (Pete), Treasurer report (Tyler)
- **Submissions Due: Send to Pete by 1/1/25, Send Newsletter out 1/6/25**

Membership Chair(Vacant)

- Contact list update

Website and Outreach Chair (Rose)

- Update
- OneDrive archive folder from Google docs

Toothpick Bridge Chair (Travis)

- Ryan reach out to Travis
- Event held in March
- Board to meet in the afternoon of 1/2/25 to discuss how to support the event

Ongoing Business:

- ASCE Archival documents
 - With Rose K. (SEH)
- Board Seat Email platform – New email ASCEDuluthMN@outlook.com
 - YMG has their own email setup
- Board seat Cut sheet for positions.
- Review the Section Bylaws in comparison with the National Template for updates.
 - Planning to have a meeting to review in early March
- Increase Luncheon Cost – How is it going?
 - Free for students
 - \$25 for professionals that RSVP on or before the Friday before the Luncheon
 - \$30 for anyone registering later or at the door
 - Payment is not required for the RSVP and is still accepted at the door.
 - No comments were received at the December luncheon
 - Section did not lose money with the December luncheon
- Austin (YMG) is interested in attending either the next Multi region event or the next Rejion 3 event
 - He is signed up and talking to national about reimbursement

Matrix and Bylaw Review

- Completed

New Business

- Update One Drive files
- Bad emails when inviting members to events
 - Membership chair to reach out and ask people to update National with correct addresses
- Sponsorship mailing (Tyler)
 - Pete to send Tyler list of addresses
- Taxes due by end of November (Tyler) Pete to Provide previous year
 - Taxes are done

Next Board Meeting: Jan. 28, 2025 at Mr. D's Bar and Grill

Adjournment:

- Meeting adjourned at 6:18 p.m.

ASCE STUDENT SECTION FEBRUARY NEWSLETTER

The ASCE Student Section has been hard at work gearing up for a great spring semester and good competition this spring!

The student section has a new President, Zach Huffaker. Zach is a junior at UMD and has been a member of the UMD ASCE Student Section for 3 years. Last year he also served as the treasurer for the student section. Zach has been an active member of the AISC Steel Bridge team since freshman year and attended regional and national competitions the last 2 years with the Steel Bridge team. Zach is excited to lead the student section this year and hopes to bring in some cool speakers and do a couple site tours.



Zach would like your help this year! If you have a cool project you have worked on or a neat site for students to tour please reach out to UMDASCE@d.umn.edu and let us know, we would love to have you present to our student section.

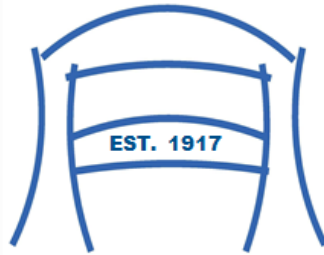
The AISC Steel Bridge team is working on the fabrication process for our bridge. We have unique set up this year that involves 2 rivers and a critical habitat island in the middle with offset footings. The footing plans and details can be viewed at the AISC SSBC website. The bridge team chose to use a triangular cross section for the stringers this year and they are excited to see how they perform at this year's symposium in Milwaukee.



The Concrete Canoe team is doing amazing and just did the first pour this last weekend on February 1st. They are having lots of success with reusing their mold from last year and hope to save it again and reuse it next year as well. While their concrete sets they will be working on a new display stand for their canoe at regionals.

The Geowall team is working on perfecting their wall design and construction. They are aiming to take first place at this years symposium for the third time in a row!

The UMD ASCE Student Section and all the competition teams will be headed to compete in the Western Great Lakes Student Symposium this April in Milwaukee WI. Steel Bridge is hoping for a trip to nationals for the 4th year in a row to Ames Iowa. Canoe placed 4th over all last year and is hoping to take home a podium spot as well.



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SCHOLARSHIP GUIDELINES

OBJECTIVE: To present up to three \$1,500 scholarships annually to an eligible individual.

ELIGIBILITY REQUIREMENTS:

1. All Candidates **MUST** complete and transmit the application form to the Duluth Section Secretary by March 10th (End of day) to be eligible for the Scholarships.
2. The candidate must be either a junior, senior, or graduate student majoring in civil engineering during the award year, or a second-year student in a technical school majoring in a civil engineering supporting career.
3. Priority for one of the three scholarships: the candidate must be either a spouse or a son or daughter of an ASCE - Duluth Section member in good standing or a student member of ASCE assigned to the Duluth Section as of January 1st of the current year.
4. Second Priority of the remaining scholarships: the student must be enrolled at UMD.

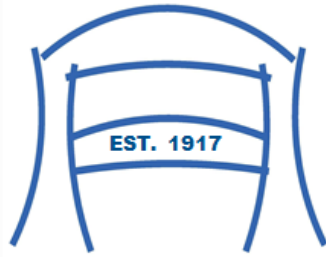
SCHOLARSHIP REVIEW GUIDELINES:

1. The scholarship review committee will consist of the first past-president, president and president elect.
2. The secretary shall review all applicants to ensure that they meet minimum qualifications. The secretary shall black out all personal information from the application form and then forward one copy to each of the review committee members.
3. The review committee shall recommend one or more candidates to the full Duluth section board at the March board meeting.
4. The scholarship winner will be announced in the April newsletter and shall receive the scholarship at the April section meeting.

REVISIONS TO THE ASCE-DULUTH SECTION SCHOLARSHIP GUIDELINES:

1. The objectives, eligibility requirements or the scholarship review guidelines may be changed at any time by simple majority vote of the Duluth Section board.
2. All revisions to the guidelines will go into effect the year following the current scholarship cycle.

Return to: ASCE Duluth Section Secretary by March 10th, 2025.
Alex Popp, PE
apopp@duluthmn.gov



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SCHOLARSHIP APPLICATION FORM

Name: _____
First Last

Address: _____
Street City, State, Zip Code

Telephone No.: _____

Email Address: _____

Duluth Section Member that you are related to (or your name and number), if applicable.

_____ Section Member Name Membership Number

Please enclose your resume (your resume should address academic performance, volunteer service, work experience, and other information that you feel could be helpful in making our decision).

Briefly describe your goals for the first five years after graduation:

Return to: ASCE Duluth Section Secretary by March 10th, 2025.
Alex Popp, PE
apopp@duluthmn.gov



THANKS TO OUR 2024-2025 SPONSORS!

(Consider being a sponsor!)



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