

December 2024

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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!

Season's Greetings to all,

As I write this newsletter, we just got done with our Thanksgiving weekend and now are looking forward to soon celebrating the holiday season with family and friends. I hope you all were able to relax a bit over Thanksgiving and recharge.

I know we are all busy this time of the year as we prepare for the holidays and also as we work on closing projects from this past summer but please mark your calendars for our December 17th luncheon hosted at the Barr Engineering Duluth office at noon where John Kubiak with BARR will be presenting on Drone Technology. This month's presentation will focus on the progression of UAS technology, regulation updates, sensor capabilities, existing and potential applications, and the pro's and con's to UAS. Come with your questions and see some of the UAS platforms that Barr uses. We hope to have a great turnout.

Regarding the luncheons, we did have a few people ask about the price increase to \$30 for all to attend and receive a PDH and that it seemed high so we as a board last month had a lengthy discussion about this and this is what we decided to do going forward. Professionals that RSVP by Friday at 5 pm the Friday before the luncheon will pay \$25 and anyone after that day will need to pay \$30. Also, students will be free to attend. Please try to RSVP for sure by Friday night so we can get an accurate headcount and make sure we always have enough food for everyone. Thank you and if you have any questions regarding this cost structure please contact me.

Also, remember your dues for your ASCE membership are due on the 31st of December with ASCE National. Make sure to select the Duluth chapter when updating your membership so that you are included on our membership list that we use for upcoming events and luncheons invites.

Finally, if you have any ideas or events you would like to see or projects you think we should visit please reach out to anyone on the board.

Thank You and Happy Holidays!

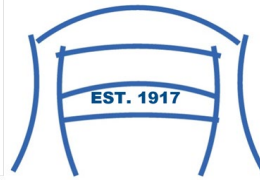
Ryan Swanson
Duluth Section President

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

Contact Pete Demshar (newsletter editor) for information at 952.913.6392 or pdemshar@barr.com



FINANCIALS

National Bank of Commerce

Main Checking	\$2,454.02
Younger Member Checking	\$7,152.32
Savings	\$4,821.05

Other Assets

Paypal	\$436.06
Other cash/checks	\$0.00
Petty Cash	\$100.00
October 2024' Total Assets	\$14,963.45
September 2024 Total Assets	\$14,129.70
Increase/(Decrease) in Assets	832.78



*Increase is from ASCE National deposit.



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
City of Duluth
218-730-5087
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

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: December 17th, 2024

Speaker: John Kubiak, Reality Capture Technology Coordinator, GIS Specialist, and UAS Pilot, Barr Engineering Co.

Topic: UAS technologies, capabilities, and regulations

Time: 12:00 p.m.

Location: Barr Engineering Duluth Office

Bio: John’s background is in Forestry and Wildlife management and has 24 years of experience in the geospatial field. He started his career by co-owning a small GIS business in Duluth, MN for 12 years and has been with Barr for the last 12 years. John earned his FAA Part 107 UAS certification in 2018, and is a self-described GNSS and remote sensing geek that is passionate about good data.

Abstract: This month’s presentation will focus on the progression of UAS technology, regulation updates, sensor capabilities, existing and potential applications, and the pro’s and con’s to UAS. Come with your questions and see some of the UAS platforms that Barr uses.



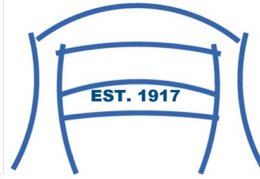
MEMBERSHIP AND BOARD MEETINGS FOR 2024-2025

Membership Meetings

- December 17, 2024
- January 21, 2025
- February 18, 2025
- March 18, 2025
- April 15, 2025

Board Meetings

- December 18, 2024
- January 28, 2025
- February 25, 2025
- March 25, 2025
- April 22, 2025
- May 21, 2025



ASCE DULUTH SECTION BOARD MEETING MINUTES

October 22, 5:00 PM
Blackwoods, Proctor

Call Meeting to Order:

- Meeting called to order at 5:00 p.m.
- Attendance:
 - Ryan Swanson –President
 - Peter Demshar – Vice President
 - Tyler Yngsdal – Treasurer
 - Rose Kopecky – Website Chair
 - Alex Popp – Secretary
 - Josh Tomczak - YMG

Approval of Agenda

- **A motion was made by Tyler Yngsdal, seconded by Pete Demshar to approve the agenda. The motion carried by the following vote: All in favor.**
- Introductions to Alex Popp who is looking to take on the secretary role.

Approval of Minutes (Tyler)

- **A motion was made by Pete Demshar, seconded by Josh Tomczak to approve the September Meeting Minutes. The motion carried by the following vote: All in favor.**

Government Relations (Vacant)

- Ryan and Pete left message for Chris Rousseau about position. Will keep trying.

Student section update (Josh E/ Paul B/Zach H)

- Zach provided the following list of officers for the Student Section:
 - President: Josh Egle egle001@d.umn.edu
 - Vice President: Hank Miller mill9507@d.umn.edu
 - Secretary: Ben Gornik gornio34@d.umn.edu
 - Treasurer: Zach Huffaker huffa017@d.umn.edu
- Zach will be providing an update for the newsletter

Younger Member Discussion (Dalton)

- The next happy hour is scheduled for 10/24 at Bent Paddle. An invitation will be sent out through collaborate. It was recommended that invitations should be sent out in advance with reminders as the dates of the happy hours get closer.
- A curling event is currently being planned by Josh T. and Matt H.

Treasurer's Report (Tyler)

- Pete and Tyler are coordinating a time to meet at the bank to add Tyler to the account. Pete will send out the Treasurer's report for email approvals.
- Pete will pay the Pier B bill for the October Luncheon

2024-2025 Speakers (Pete)

- November 19th – Possibly at LHB or BARR office (Pete will coordinate)
- December 17th – BARR Drone Technology @ Enbridge office at the Maurices bldg..
- January 21st – NCE (Structural) @ Pier B
- February 18th - at UMD



- March 18th
- April 15th
- May 20th (end of year banquet)
- Future – Possibly West Superior Street Reconstruction (Tyler will reach out to Matt Bolf)

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

Luncheons

November 19th (Barr or LHB)
 December 17th (@Enbridge Maurices office)
 January 21st (@Pier B)
 February 18th (@ UMD)
 March 18th (TBD)
 April 15th (TBD)
 May 20th – Year End Dinner

Board Meetings

October 22nd
 November 20th
 December 18th
 January 28th
 February 25th
 March 25th
 April 22nd
 May 21st

Newsletter Update (Pete)

- President’s message (Ryan), meeting minutes (Tyler), YMG (Dalton), UMD section updates (Zack), Sponsorship letter (Pete), Treasurer report (Tyler/Pete)
- **Submissions Due: Send to Pete by 10/30/24, Send Newsletter out 11/4/24**

Membership (Vacant)

- Contact list update – Rose will reach out to Andrea to get access to the contact list.

Website Chair and Outreach Chair (Rose)

- Rose figured out where the submission forms are sent to on the website.

Toothpick Bridge Chair (Travis)

- Ryan reach out to Travis
- Event held in March

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.
 - Tyler added Secretary cut sheet comments and will save on MS365
 - Pete will review the Treasurer cut sheet for updates for next meeting
- Tyler & Pete will set up a meeting to review the Section Bylaws in comparison with the National Template for updates. January?
- Mock Career Fair 10/28 at UMD Intro class
- Region 3 Event – Section will likely sponsor one YMG member and one Section member to go to the event. Group will check on dates.

Matrix and Bylaw Review - Reviewed

New Business

- New Secretary – Alex Popp from City of Duluth
 - Alex plans to pay dues this week.
 - **A motion was made by Pete Demshar, seconded by Tyler Yngsdal to appoint Alex Popp as the Section Secretary for the 2024/2025 year contingent on Alex paying his Section Dues. The motion carried with the following vote: All in favor.**

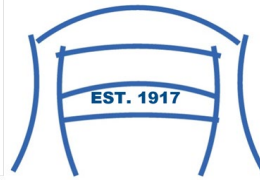


- Tyler gave Alex the US PO Box key to start checking for mail.
- **A motion was made by Ryan Swanson, seconded by Pete Demshar to reimburse YMG Matt Henderson \$168.88 for the September Happy Hour event contingent on YMG managing their bank account for future use. The motion carried with the following vote: All in favor.**

Next Board Meeting: Nov. 20, 2024 at Tavern on the Hill

Adjournment:

- Meeting adjourned at 6:33 p.m.



UMD ASCE STUDENT SECTION

UMD ASCE student section had a great fall semester. We had speakers from Sandman Structural engineering and TKDA to talk about consulting and structural design. We had a guest from MNDOT talk about district 1 bridge construction and maintenance. We also had an alumni, Ben Kern talk about water resources engineering in the Pacific Northwest and what kind of stormwater management projects they are doing in Washington to reduce polluted run-off. In September we also got out and did a trash pick up with our club to clean up our Adopt a Highway section of US Hwy 53 about 20 miles North of Duluth.

Our competition teams are in full swing right now. Steel bridge is finalizing our design and starting to order materials for manufacturing next semester. Concrete canoe is revitalizing their mold from last year attempting to reuse it to reduce on waste materials. They are finalizing mix designs and working on acquiring all necessary materials for the big pour next semester. Geo-Wall is working on their report and planning to submit it this winter to claim a bid to the national Geo-Wall competition hosted by the ASCE Geo Institute in February.



UMD ASCE student section and the competition teams are looking forward to regional and national competitions this coming spring and summer. We get a tremendous amount of support from the University, but it is not always enough to get everyone to both regional and national competitions. This competitions are an amazing way for students to get involved and get hands on during their time at school and then go and share what they've worked so hard on with other universities battling it out to see who did the best. We would love your support to make it possible to bring as many students to these competitions as possible, giving them an opportunity to network with professionals and students from the Civil Engineering World.

If you or your company would be interested in making donation, or sponsoring the UMD ASCE Competition team [click here](#) to learn more, or reach out to UMDASCE@d.umn.edu for more information.



THANKS TO OUR 2023-2024 SPONSORS!

(Consider being a sponsor!)



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