

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.

In This Issue

President's Message	1
Meeting Announcement	2
Board of Directors	3
Meeting Minutes	4-6
Board Member Spotlight	7
Younger Member Group Update	8
Scholarship Application	9-10
Sponsorship Letter	11
Thank you Sponsors!	12-14

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

Contact Andrew Barnebey (newsletter editor) for information at 218.499.3174 or abarnebey@msa-ps.com. Thanks.

Greetings Duluth Section!

First off, I would like to thank all of the volunteers and organizers that helped out at the YMG's 5th Annual Mock Career Fair on Wednesday. We had a great turnout for our first virtual facilitation of this event. I thought it was a very enjoyable experience as a first time volunteer.

Coming up next, we will be having our monthly luncheon with a presentation by Mark Wolcott and Kyle Larson of MnPower, and Brent Norris of POWER Engineers, Inc. This project will highlight the foundation engineering and installation for the Great North Transmission Project. Since all luncheons for this fiscal year will be held virtually, we aren't able to have our annual luncheon at UMD.

As you all have probably anticipated, we will not be having the Annual Banquet in person, but are exploring other options. ASCE National issued guidance that all events have to be virtual until June 30, 2021. If anyone has any suggestions for a virtual event or would like to help plan one, feel free to reach out. With this restriction, we will not be having the Toothpick Bridge competition this year.

Even though we won't be having any in person events, there are still many things we can do as members to promote the upcoming Engineer's Week, February 21st to the 27th this year. Engineer's Week was created to:

- Celebrate how engineers make a difference in our world
- Increase public dialogue about the need for engineers
- Bring engineering to life for kids, educators, and parents

Some ideas to accomplish these points are to share articles about engineering topics on social media, getting involved at a local school, or even just talking to your friends and family about the need for engineers. With that, if you know someone that is going to school for civil engineering and meets the requirements, please pass the scholarship application along to them!

As always, if you have any ideas, feedback, or questions, feel free to reach out!

Thank you and I hope you can join on the 16th,

Rose Kopecky

Duluth Section President

BOARD OF DIRECTORS

2020-2021

President

Rose Kopecky, PE
Short Elliott Hendrickson Inc.
(218) 249-1558
rkopecky@sehinc.com

President-Elect

Andrew Barnebey, PE
MSA Professional Services, Inc.
(218) 499-3174
abarnebey@msa-ps.com

Treasurer

Dan Murphy
ADS Engineered Products
(218) 341-3095
dan.murphy@ads-pipe.com

Secretary

Sara Christenson
Short Elliott Hendrickson Inc.
(218) 322-4513
schristenson@sehinc.com

Past President

Andrew Kilpo, PE
Minnesota Power
(218) 355-2437
akilpo@mnpower.com

BOARD CHAIRS

2020-2021

Younger Member Chair

Ben Helmer, PE
Meyer Borgman Johnson
(218) 722-1056 x103
bhelmer@mbjeng.com

Membership Chair

Tom DesMarais, PE
Northland Consulting Engineers
(218) 727-5995
tomd@nce-duluth.com

Government Relations Chair

Pete Demshar, PE
Barr Engineering
(952) 913-6392
pdemshar@barr.com

Toothpick Bridge Chair

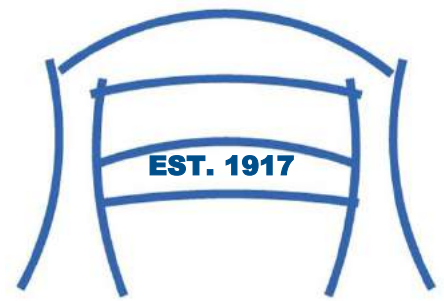
Chris Morris, PE
Minnesota DOT
(218) 725-2734
christopher.morris@state.mn.us

Web Updates

Nick Patterson, PE
JF Brennan
(218) 349-5237
npatterson@jfbrennan.com

Membership Outreach

Jay Dailey
Pace Consulting Group
(218) 838-7552
jay@paceconsultinggrp.com



Please join us for
a Unique Presentation
February 16, 2021 at 12:00 pm
Virtual

“Foundation Engineering/ Installation for Great Northern Transmission Project”

Brent Norris, PE - Geotechnical Engineer, Power Engineers

There is no charge for attending the virtual presentation. A calendar invite was sent out to the membership with log-in details. If you did not receive an invite, email rkopecky@sehinc.com

ASCE Duluth Section will issue a PDH certificate to members in good standing. It is the responsibility of the individual to determine whether or not the presentation is applicable to his/her career.

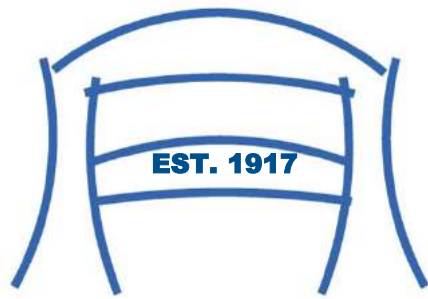
Membership and Board Meetings for 2020-2021

Membership Meetings

September 15, 2020
October 20, 2020
November 17, 2020
December 15, 2020
January 19, 2021
February 16, 2021
March 16, 2021
April 20, 2021
May 18, 2021 (Awards Dinner)

Board Meetings

September 23, 2020
October 28, 2020
November 18, 2020
December 16, 2020
January 27, 2021
February 24, 2021
March 24, 2021
April 28, 2021
May 26, 2021



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.

2020-2021 Duluth Section Board of Directors:

Past President: Andrew Kilpo

President: Rose Kopecky

Elected Positions:

President Elect/Vice President: Andrew Barnebey

Treasurer: Dan Murphy

Secretary: Sara Christenson

Chair Positions

Younger Member Chair: Ben Helmer

Membership Chair: Tom DesMarais

Government Relations Chair: Pete Demshar

Toothpick Bridge Chair: Chris Morris

Web Updates: Nick Patterson

Membership Outreach: Jay Dailey

Secretary: VACANT October 2021

We are looking for a volunteer the Secretary position this fall. If you would be interested in serving on the board please contact any board member.

ASCE Duluth Section Board Meeting Agenda

December 16, 2020: 5:00 PM

GoToMeeting

- **Call Meeting to Order: 5:08 PM**
- **Introductions**
 - *Rose Kopecky - President*
 - *Andrew Kilpo – Past President*
 - *Andrew Barnebey – President Elect*
 - *Ben Helmer – Younger Member Chair*
 - *Tom DesMarais – Membership Chair*
 - *Dan Murphy – Treasurer*
 - *Sara Christenson – Secretary*
- **Approval of Minutes**
 - March, May, August, and September - Brady still needs to be submitted.
 - November minutes – Andrew K.
 - *Andrew Barnebey - Moved*
 - *Tom DesMarais - Seconded*
 - *Passed unanimously*
- **Board Transitions -Rose has position to appoint position mid-term**
 - Website Chair
 - *Lisa has updated website – to send to Nick*
 - Treasurer – *Dan Murphy*
 - *Andrew B sent files to Dan*
 - *Bank with NBIC*
 - *Andrew B and Dan to coordinate transfer of information*
 - *PO Box key to Dan and Rose (rather than Sara due to location)*
 - Secretary – *Sara Christenson*
 - *Matrix and bylaws to be sent to Sara*
 - Outreach – *Jay Dailey*
 - *Potentially check in with other chapters*
- **UMD Student Update (Levi)**
 - *No student present to give an update*
 - *Still performing virtual presentations*
 - *Completing elections in January*
- **Younger Member Discussion (Ben)**
 - Upcoming Events
 - *Met yesterday*
 - *Completed research with ASCE National*
 - *Not planning on doing anything in person*
 - *Will be completing the Mock Career Fair virtually using the Handshake platform.*
 - *. One mentor Pair participating this year.*
 - *Looking for people to be younger member chairs*
 - YMG meeting minutes

- **NA**

- **Treasurer's Report (~~Andrew B.~~ Andrew Barnebey/Dan)**

- **11 returning/5 new sponsors**
- **Increase of \$2500 this month**
- Checking:
 - **Transferred \$9000 to savings**
 - **Transfer \$1500 to YM.G.**
- Savings:
 - **Received \$9000 from checking**
- Financial Report can be found in the newsletter.

- **2020-2021 Speakers (Andrew B.)**

- January: Pat Huston, PE, MnDOT – “Twin Ports Interchange Project Overview”
- February: Brent Norris, POWER Engineers – “Foundation Engineering/Installation for Great Northern Transmission Project”
- March: Steve Krasaway, PE, St. Louis County Public Works – “Rice Lake Road Construction and the Discovery of Human Remains”
- April: Bruce Lunde, MSA Professional Services – “Resilience in the Age of Climate Change – Climate Change in Marina Environs”
- May: NEC

- **2020-2021 Board Meeting / Luncheon Schedule**

Luncheons

December 15, 2020
 January 19, 2021
 February 16, 2021
 March 16, 2021
 April 20, 2021 (Awards Dinner)
 May 18, 2021

Board Meetings

December 16, 2020
 January 27, 2021
 February 24, 2021
 March 24, 2021
 April 28, 2021
 May 26, 2021

- **Newsletter Update (Andrew B.)**

- **December Newsletter**
 - President's message, meeting minutes, scholarship application, others?
 - **Submissions Due: January 6th, Send January 9th.**
 - **Add the Scholarship – Tom to update and send to the newsletter**
 - **Andrew Barnebey to add the treasurers report**

- **Membership (Tom)**

- Send out new email list
- **Send out monthly between board meetings and newsletter**

- **Government Relations (Pete)**

- **NA**

- **Website (Nick)**

- **NA**

- **Toothpick Bridge (Chris)**
 - *Rose Exchanged emails with Chris, competition will not happen due to COVID-19*
 - *Potentially completing an alternate outreach*
 - *Try to expand on outreach*
- **Outreach Chair (Jay)**
 - *NA*
- **Ongoing Business:**
 - Paypal – business account
 - *Potentially Dan to complete come the new year*
 - *Need prior to live luncheons*
 - *Potentially need a new email address*
 - *Figure out how to manage the email*
 - Bylaw rewriting (Pete)
 - *NA*
 - Switching or keeping bank and paying \$50/year to MN or pay \$25 per month in fees to bank.
 - *Options to pay, switch banks, or discuss with them over the fees*
 - *Tom to have discussion with bank*
- **Matrix and Bylaw Review**
 - *Completed*
- **New Business**
 - Newsletter format
 - *Conversation to continue, need to determine logos of sponsors*
 - UP Michigan Branch/Michigan Tech Collaboration
 - *Andrew Barnebey went to Multi-Region Conference and had discussion of collaboration to further enhance our both chapters.*
 - *Potential first steps of inviting them to a board meeting or luncheon.*
 - Speed Networking
 - *Virtual Group Chats as a networking device (Glimpse Platform), randomly be paired with others.*
 - *Options outside of Luncheon*
 - *Send out an invite last week of January (potentially lunch hour or after work)*
 - *Cost Options for Board Members who travel*
 - *Hybrid Options for Luncheons and Board Meetings*
 - *Reviewing bylaws for virtual options*
 - *Job postings in Newsletters - not change stance from previous position*
 - *Place in bylaws*
- **Next Board Meeting:** Online, January 27, 2021.
- **Adjournment:** Rose motion to adjourn, Andrew Barnebey, Tom DesMarais Second. Adjourn at 6:30 PM

Speaker and Board Member Spotlight



Dan Murphy, PE, M. ASCE, Duluth Section Treasurer

Where did you graduate from?

I received my Bachelor of Science in Biosystems and Agricultural Engineering and Master of Science in Civil Engineering from the University of Minnesota.

Where do you work and what do you do?

I currently work for Advanced Drainage Systems, Inc. (ADS) as an Engineered Products Manager from home in Danbury, WI. I help other engineers and project owners select and design cost effective drainage solutions using ADS' stormwater storage, quality and conveyance products in Minnesota, the Dakotas, and Northwest Wisconsin. I also assist contractors install our products and present educational seminars and webinars.

Why did you decide to get involved with ASCE and what would you like to see happen?

I decided to get involved with ASCE because I wanted to connect with other local professionals. I am also a naturally curious person and wanted to better understand the type of work and design challenges that other engineers in our unique and beautiful part of the world are tasked with. I would like to see more involvement in rural communities, especially mentorship to young people in these areas to communicate civil engineering as a worthwhile and rewarding vocation.

The YMG Rundown

The 5th Annual Mock Career Fair was held this past Wednesday (February 3) in a virtual setting. Approximately 10 professionals and 20 students participated in the event which was conducted entirely via Zoom. Similar to years past, we provided mock interviews, mock career fair booths and question and answer sessions. These offerings are valuable opportunities for students to test their preparedness and ask questions prior to the UMD STEM Career Fair on February 11. We felt it was especially important this year, given the virtual environment students will need to navigate during their search for employment.

We first want to thank all the students for participating. This event is solely a result of the positive feedback we receive year after year, and we appreciate your continued interest. We would also like to thank all the professionals. Taking the time out of your respective schedules is critical to a successful event, and we greatly appreciate all of you.

A special thank you to Peter Demshar, Tom DesMarais, and David Provost for organizing the event this year, as well as Susan Hudec and Lorena Lane from UMD for moderating the Zoom session.

We look forward to seeing all of you at future events! With the ongoing pandemic, it is unclear when we will be able to meet in person, but we hope you are staying safe and healthy!

YMG Call to Action

We currently have two open YMG board positions. These are a minimum one-year commitment, which allows you to understand the mission of ASCE before committing to a multiple year engagement on the Duluth Section board.

Participation on the YMG Board provides great local networking opportunities with engineers and professionals in your area. The YMG provides training and development opportunities on a regional and national level.

If interested, please email Ben at bhelmer@mbjeng.com.

Follow the YMG
LinkedIn Page!

...

<https://www.linkedin.com/in/asce-duluth-section-ymg-682329196>

Current YMG Board

...

Chair – Ben Helmer
Meyer Borgman Johnson (MBJ)
(bhelmer@mbjeng.com)

Vice Chair – Vacant

Community Relations Chair –
Rose Kopecky
Short Elliott Hendrickson (SEH)
(rkopecky@sehinc.com)

Membership Chair – Vacant

ASCE - DULUTH SECTION SCHOLARSHIP GUIDELINES

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

ELIGIBILITY REQUIREMENTS:

1. For one of the two 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, and,
2. The candidate must be registered for classes in the upcoming school year at a four-year university or college and,
3. The candidate must be either a junior, senior, or graduate student majoring in civil engineering during the award year.
4. The candidate must complete and transmit the application form to the Duluth Section Secretary by March 19th to be eligible for the scholarship.
5. For the second of the two scholarships the student must be enrolled at UMD. Requirements 2, 3 & 4 also apply for the second scholarship.

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 maybe 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.

ASCE-DULUTH SECTION SCHOLARSHIP APPLICATION FORM

NAME: _____

ADDRESS: (HOME) _____

(SCHOOL) _____

TELEPHONE NO. _____

EMAIL ADDRESS _____

**DULUTH SECTION MEMBER THAT YOU ARE RELATED TO
(OR YOUR NAME AND NUMBER):**

NAME: _____

MEMBERSHIP NO. _____

Please include 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 19th;
Sara Christenson, PE
schristenson@sehinc.com

BOARD OF DIRECTORS
2019-2020

President
Andrew Kilpo, PE
Minnesota Power
(218) 355-2437
akilpo@mnpower.com

President-Elect
Rose Henkel, PE
Short Elliott Hendrickson Inc.
(218) 249-1558
rhenkel@sehinc.com

Vice President
Brett Ballavance, PE
Wenk Associates
(218) 393-4085
bballavance@wenck.com

Treasurer
Andrew Barnebey, PE
MSA Professional Services, Inc.
(218) 499-3174
abarnebey@msa-ps.com

Secretary
Brady Korwin, PE
AMI Consulting Engineers
(715) 718-2193
brady.korwin@amiengineers.com

Past President
Joseph Butler, PE
Braun Intertec
(218) 624-4967
jbutler@braunintertec.com

BOARD CHAIRS
2019-2020

Younger Member Chair
Peter Demshar, PE
Barr Engineering
(218) 788-6309
pdemshar@barr.com

Membership Chair
Tom Donofrio, PE
Minnesota Power
(218) 355-3313
tdonofrio@mnpower.com

Government Relations Chair
Craig Bursch, PE
TKDA
(218) 491-7365
craig.bursch@tkda.com

Toothpick Bridge Chair
Chris Morris
Minnesota DOT
(218) 725-2734
christopher.morris@state.mn.us

Web Updates
Lisa Karlgaard, PE
LHB, Inc.
(218) 279-2486
Lisa.Karlgaard@lhbcorp.com



American Society of Civil Engineer's Mission is to provide essential value to our members, their careers, our partners and the public by developing leadership, advancing technology and advocating lifelong learning and promoting the profession

We want to thank you for supporting The Duluth Section of the American Society of Civil Engineers in the past. Your sponsorship helps fund several programs that are specific to the Duluth Section. The first being our toothpick bridge competition. This program helps promote civil engineering at a young age, which is vital to the future of our profession. The second program is our annual scholarships to civil engineering and civil engineering technology students. Your sponsorship helps our local ASCE section to promote these valuable activities. That is why it is time again for us to ask you to renew your sponsorship, or consider a new sponsorship for 2020 - 2021. Our membership is comprised of engineers from a diverse range of companies (engineering, construction and geotechnical, etc.). We are very proud to showcase your company logo on our sponsor page.

With a contribution of \$250, your company's logo will be displayed in each section newsletter from September 2020 through August 2021. Our newsletter is produced 9 months of the year and reaches all of our 250+ members. Your support also aids the Duluth ASCE Section's efforts to keep the civil engineering community actively involved through technical presentations and networking luncheons, social activities, and student outreach activities.

If you would like to renew your sponsorship or become a sponsor, please send a check payable to **ASCE - Duluth Section** to the section treasurer:

Andrew Barnebey, PE
MSA Professional Services, Inc.
332 W. Superior Street #600
Duluth, MN 55802

New sponsors, or for update logos, email your company logo to Andrew Barnebey at: abarnebey@msa-ps.com.

Sincerely,
The Duluth Section Board of Directors

The logo for LHB, featuring the letters 'LHB' in a white, serif font on a black background. The 'L' and 'H' are connected, and the 'B' is separate.

Thanks to Our 2020-2021 Sponsors!
(Consider being a sponsor!)

The logo for BRAUN INTERTEC, featuring the words 'BRAUN' and 'INTERTEC' in a bold, green, sans-serif font. A horizontal line separates the two words.

The Science You Build On.

The logo for KRECH OJARD & ASSOCIATES, INC., featuring the words 'KRECH' and 'OJARD' in a bold, blue, sans-serif font. A red triangle is positioned below the 'K'. Below the main text, '& ASSOCIATES, INC.' is written in a smaller, blue, sans-serif font.

MEYER | BORGMAN | JOHNSON

STRUCTURAL DESIGN + ENGINEERING



Northland

Consulting Engineers L.L.P.

Structural, Civil and Forensic Engineering



Quality Consulting.
Resourceful Management.

| jpjeng.com |

| Hibbing 218.262.5528 | Duluth 218.720.6219 |

ENGINEERING SITE DEVELOPMENT LAND SURVEYING

Thanks to Our 2020-2021 Sponsors!
(Consider being a sponsor!)



**BOLTON
& MENK**

Real People. Real Solutions.



Responsive partner.
Exceptional outcomes.



GEOTECHNICAL • MATERIALS ENGINEERING • ENVIRONMENTAL



Building a Better World
for All of Us®

NORTHLAND

CONSTRUCTORS OF DULUTH, INC.

POWERED BY *API Group*

The logo features a stylized graphic element on the left consisting of a red rectangle and a black rectangle, both slanted to the right. To the right of this graphic, the word "ULLAND" is written in a bold, black, sans-serif font, and the word "BROTHERS" is written below it in a bold, white, sans-serif font with a black outline.

ULLAND
BROTHERS