

ASCE

WISCONSIN SECTION



Green Bay

President's Message

By: Jennifer Schaff

There is a saying I've heard, "you'll go fast alone, but you'll go further together." As I look at the list of goals and activities for the next year, I am grateful for the many opportunities to include partnerships and work collaboratively with other

organizations. For example, the League of Women Voter's Wisconsin (LWVWI) has been a fabulous partnership. LWVWI helped to raise awareness about the 202 Report Card on Wisconsin's Infrastructure and to educate voters on Wisconsin's infrastructures needs. The LWVWI brought ideas and resources that moved and shaped outreach in creatively, successful ways. Please read the below article acknowledging the LWVWI and thank them for their support and hard work.



There are a lot of great people and accomplishments to celebrate within the Wisconsin Section. First, a big congratulations to our new life members, who are named individually below within this newsletter. What an amazing accomplishment and commitment to our organization. As I read through the list, there are many that I have worked with over the years. I'm sure you recognize a few of the names, so please congratulate them if you find the opportunity.

Second, we will have some Outstanding Senior Civil Engineering Student (OSCES) award-recipients to celebrate shortly, as the nominations window just closed and the Awards Committee is in the process of reviewing the great submissions that we received. OSCES-award recipients will be announced shortly and recognized at the annual Spring Technical Conference which will occur virtually on April 8, 2022. Registration details for the Spring Technical Conference will be announced shortly, but please be sure to save the date on your calendar.

We also want to say congratulations to Carl Sutter on his official retirement. He has had a very successful career and been a tireless ASCE Wisconsin Section member. Thank you for setting such a fine example and providing mentoring to so many.

This month's "get to know" article features Jen Hurlebaus. I had the pleasure to work with Jen on the 2020 infrastructure report card. She's a very focused and dedicated individual and we are so fortunate to have her join the Board of Directors as Director at Large this year. Thank you for your service Jen!

Another item to celebrate is new members! Please take a minute to review the names of our new ASCE Wisconsin Members, located later in this newsletter. If you recognize, work with or see these folks at an upcoming meeting, please welcome them and help them make the most of their membership. Finally, don't forget to check out the Engineers without Borders article by Brad Hughes and Greg Schroeder's article on celebrating the upcoming Engineers Week February 20-26.

A handwritten signature in black ink, reading "Jennifer L. Schaff". The signature is fluid and cursive, with the first name "Jennifer" being more prominent than the last name "Schaff".

Jennifer Schaff, P.E., M.ASCE
ASCE Wisconsin Section President

Let's Celebrate!
**OUR 2022
NEW LIFE
MEMBERS**

Robert George Davies, Jr, P.E., S.E., M.ASCE
Gerald Louis De Mers, P.E., M.ASCE
Paul Robert Eiring, P.E., M.ASCE
Kenneth R Graham, P.E., M.ASCE
Kirk Henry Grundahl, P.E., M.ASCE
Deborah Hatfield, P.E., M.ASCE
Thomas R Karrels, Aff.M.ASCE
Jeffrey Alan Kellner, P.E., M.ASCE
Jeff Mark Mazanec, P.E., M.ASCE
Ned Winter Paschke, P.E., F.ASCE
Gregory Bruce Schroeder, P.E., M.ASCE
Michael Norman Schultz, P.E., M.ASCE
Robert John Schumacher, P.E., M.ASCE
Thomas Francis Simmons, P.E., M.ASCE
Bruce Allen Spann, P.E., M.ASCE
Paul David Turpin, P.E., M.ASCE
Clark Anthony Wantoch, P.E., M.ASCE

**SPRING
TECHNICAL
CONFERENCE**

04.08.22

ASCE
WISCONSIN SECTION



Save the Date! Registration will be announced shortly.
Sponsorship opportunities are available now! Email wi.sec.asce@gmail.com for

Get Involved! - Volunteer to Serve on the ASCE Wisconsin Section Board

With your help, we can continue to advance the civil engineering profession within Wisconsin and serve the public good.

The ASCE Wisconsin Section Board of Directors works to advance the civil engineering profession within Wisconsin and serve the public good, and you can assist in that effort by volunteering for a position on the ASCE Wisconsin Board! We are seeking candidates to fill the following roles which will be filled this summer:

President-Elect

The President-Elect is a member of the Board of Directors of the Section and shall perform all acts of the President in the President's absence, together with such other tasks as may be assigned by the President. The President-Elect serves as Board Contact Member to Public Affairs Committee, Spring Technical Conference Committee and Annual Meeting Committee, providing such guidance, encouragement, and assistance as may be required in their operation. This individual serves one (1) year as President-elect, followed by one (1) year as President, and one (1) year as Past President...

[**Read More**](#)



Available Soon:

2022 ASCE Wisconsin Section Awards Nominations

The nominations window will be announced
shortly!

QUESTIONS? EMAIL WI.SEC.ASCE@GMAIL.COM



Report Card: In Appreciation of the League of Women Voters of Wisconsin

In June of this year, the ASCE Wisconsin Section was presented with ASCE's 2021 Outstanding Civil Engineer Advocate of the Year Award for a Team or Group. The Section received this award because of the extensive efforts of many individuals who collaborated to develop the Report Card for Wisconsin's Infrastructure, and subsequently advocate for the infrastructure needs for the state of Wisconsin.

We would like to officially acknowledge the important assistance that was provided by the League of Women Voters of Wisconsin over the past year to help us promote the Wisconsin Infrastructure Report Card. We believe that it is due to the strong efforts of the Report Card Committee members and collaborators such as League of Women Voters of Wisconsin (LWVWI) that the Wisconsin Section garnered such strong media attention with its state report card and was featured prominently across several media outlets...

[Read More](#)

Congratulations to Longstanding ASCE Wisconsin Member and Volunteer Carl Sutter, P.E., F.ASCE on his Retirement!



The ASCE Wisconsin Section would like to acknowledge the many contributions that Carl has made to ASCE and to the civil engineering profession over the course of his long and significant career - and would like to wish him a hearty congratulations on his retirement! Enjoy this overview of Carl's meaningful career in the civil engineering field.

Carl graduated from the University of Wisconsin – Madison and started his professional career working at the Illinois Department of Transportation. From there he worked for the City of Fond du Lac before making his final stop at McMahon Associates, where he eventually led the Environment and Infrastructure Division.

Two career highlights included working on one of the first launch girder bridges in the United States, the Kishwaukee River bridges just south of Rockford Illinois on I-39 and assisting with the creation of the first multi-jurisdictional storm water utility comprised of two townships and two villages in Wisconsin...

[Read More](#)

Thank You to ASCE Wisconsin's 2023 Centennial Year Celebration Sponsors!

The Wisconsin is immensely grateful for the support of our 2023 Centennial Year Celebration Sponsors! Advanced Drainage Systems and County Materials Corporation are two of our event sponsors for the upcoming celebration. Advanced Drainage Systems will serve as the exclusive celebration event sponsor.



Advanced Drainage Systems

“As the second largest plastic recycler in North America and a leading water management provider, we are guided by our commitment to preserve and protect Earth's most precious resource: water.” – Scott Barbour, ADS President & CEO



County Materials is recognized as a leading manufacturer and trusted industry resource for concrete construction and landscape products. Our products are used to build the communities where Americans live, work and play.

Get to Know – Jen Hurlebaus, P.E., M.ASCE

Jennifer Hurlebaus is the Collection System Engineer for the Madison Metropolitan Sewerage District where she is responsible for the overall management of the collection system at the district, including a focus on longer-term programs and initiatives. With 16 years in consulting and 5 years public sector, Jennifer has experience in collection system evaluations, hydrologic/hydraulic modeling, design, and construction of sanitary sewer and pumping stations. Jennifer was the construction project manager for the Pumping Station 15 Rehabilitation, which earned ISI Envision-Gold and EPA PISCES awards. She was the lead author of the wastewater chapter for the ASCE 2020 Wisconsin Report Card. Jennifer holds a B.S. in Geological Engineering and a B.S. in Geology/Geophysics from the University of Wisconsin – Madison.



Jennifer lives in Waunakee with her husband of 21 years, Randy, sons, Zach (16) and Luke (14), and their 2 dogs. She enjoys watching her sons' activities: baseball, band, jazz band, and mock trial. Outside of school, they go fishing, camping, and downhill skiing. Any extra free time is enjoyed going back to Jennifer's childhood home on Lake Delton to relax on the deck, take boat rides, and go fishing.

[Read More](#)

Celebrate Engineers Week, February 20-26

Opinion by Public Affairs Chairman, Gregory Schroeder, P.E., M.ASCE

As engineers we need to be passionate about recognizing our profession, our peers, and our successes. On February 16th, the 69th annual Celebration of STEM was held virtually. The event used to be called the Engineers Week Banquet. This event announces and recognizes an Engineer of the Year and a Young Engineer of the Year. I can proudly say that many of those recognized over the years have been Civil Engineers. Civil engineers were not chosen this year, but two inspiring engineers were chosen. The event highlighted their respective work in the unique areas of the creation of an artificial blood supply, and electrification of airplane engines!

The Celebration of STEM event has had a southeast Wisconsin regional historical flavor, but is certainly open to all. STEM Forward, the lead STEM organization in southeast Wisconsin, is the successor organization to Engineers and Scientists of Milwaukee, ESM. In my memory, the ESM was an umbrella group of the engineering

societies IEEE, ASME, ASCE and others. ESM pivoted to become STEM Forward some years ago, and now the evolution is continuing to move toward a broader STEM focus rather than just engineering...

[Read More](#)

Calling all Engineers Without Borders Wisconsin Professionals!

The MSOE Student Chapter has partnered with the community of Alcona Pajopop, to design and construct a vehicular girder bridge of about 40 feet in length. The project brief can be found [here](#).

MSOE is looking for:

- A structural engineer
- Travel mentors during the construction (can be the design mentors or others)

****Younger professionals are welcome!****

[Read More](#)

Welcome New Wisconsin Section Members!

The Wisconsin Section would like to welcome our newest members, who have joined since our last quarterly newsletter. We are excited that you've joined us!

Ryan Barz, A.M.ASCE
Emily Blum, EIT, A.M.ASCE
Fuad Bin Nasir, S.M.ASCE
Sydney Reehm, S.M.ASCE
Daniel Greenfield, S.M.ASCE
Claire Steines, S.M.ASCE
Josephine Jankovich, S.M.ASCE
Morgan Voissem, S.M.ASCE
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Virginia Smith, Aff.M.ASCE

Anna Marnell, S.M.ASCE
Raelison Dos Santos Novaes Costa,
Aff.M.ASCE
Adam Hartzheim, S.M.ASCE
Michael Murdaugh, A.M.ASCE
Kevin Wengrzyn, S.M.ASCE
Mahmoud Jassar, Aff.M.ASCE
Jordyn Benn, S.M.ASCE
Laurel Wagner, S.M.ASCE
Joseph Baird, A.M.ASCE
Avila Berns, S.M.ASCE
Cara Hiler, S.M.ASCE
Austin Tenhaken, S.M.ASCE
Grace Mayes, S.M.ASCE
Ahmad Kadadha, S.M.ASCE
Crystal Malenofski, Aff.M.ASCE
Torii Snortum Haney, S.M.ASCE

Membership at a Glance

Total WI section members: 1,825



Affiliate: 83
Assoc: 413
Distinguished: 3
Fellow: 54
Member: 1,054
Student: 218
New Members since last Newsletter
(November): 35

Around the Section - Branch Happenings

Fox River Valley Branch Updates

P.E. Exam Preparation in the Fox River Valley Branch

Younger Member Group will host the P.E. Roundtable and Study Sessions for those planning on taking P.E. exam this spring. Come join other young engineers to discuss exam material and ask questions to other young engineers who have recently passed the exam. Roundtable and study session will begin in January, dates and locations are TBD. Please reach out to Sam Bieneman and Jared Omernik (ymg.foxvalley@gmail.com) if you are interested in participating and keep an eye on your inbox for more details.

2022 Annual Conference

The Fox River Valley Branch will be hosting the 2022 Annual Conference in the Fall of 2022. We are currently looking for a co-chair and volunteers to be a part of the planning committee. The planning committee will plan and execute this fantastic event that showcase what is going on in Northeast Wisconsin. Planning efforts will begin before the end of the year. If you are interested reach out to Jennifer Liimatta, jliimatta@releeinc.com.

Southeast Branch Updates

Southeast Branch Civil Engineering Scholarship Award Event

On Thursday January 27th, the Southeast Branch awarded their annual scholarships to Javier Retana of UW-Milwaukee, Gabriela Lukanus of Marquette, and Kyle Ignasiak of MSOE at their annual Scholarship Award Dinner. This year's event was held as a hybrid event where attendees had the choice between meeting in person at UW-Milwaukee's Engineering and Mathematical Sciences Building or attending virtually. John Campbell of TADI was the keynote speaker for the event giving a presentation on roadway safety improvements in Whitefish Bay. The event was the first in-person event for the Southeast Branch in over two years! A special thanks to our annual golf outing planning committee, sponsors, and participants that were able to raise enough funds to award the 3 scholarships. Also congrats to this year's 3 very deserving recipients!



Gabriela Lukanus is pursuing a civil engineering degree and has previously served as ASCE's vice president and concrete canoe captain.

Currently, Gabby is the ASCE student chapter president. In this role, she feels a responsibility to hold herself and others in the organization accountable for creating a space to encourage inclusion and expression of thought. Gabby is involved in the Milwaukee community by hosting food and clothing drives for the Hope House and volunteers at Make a Difference Day and Hunger Clean Up. In the future, she plans on taking the FE and obtaining her PE license. After graduation, Gabby will be pursuing a Masters Degree in Civil Engineering specializing in Transportation and Materials. She has found a passion in leadership and looks forward to the challenges that it brings.



Kyle Ignasiak is pursuing a Bachelor of Science in Civil Engineer degree.

As part of ASCE, Kyle shares the secretary and professional outreach responsibilities. In this role, he organizes presentations from civil engineering professionals. In the past, Kyle has volunteered at the STEM Expo, which has taught him the importance of sparking children's interest in learning. Another way he gives back is through the Adopt-A- Highway program, where he picks up trash along STH 100 between Burleigh Street and Capitol Drive three times a year. After graduation, Kyle has already accepted a full-time position with a consulting firm and will begin his path toward becoming a professional engineer.



Javier Retana is pursuing a bachelor's degree in civil engineering.

Javier is the president of the Society of Hispanic Professional Engineers where he has organized a resume workshop which brings in professionals to offer their insights and provide useful interview tips. When the COVID vaccines came out, Javier helped with the registration process and used his bilingual skills to translate for the Hispanic community. After graduation, Javier will be pursuing a Master's Degree in structural engineering and plans to sponsor a scholarship and provide mentoring for UWM students studying civil engineering because he has been fortunate to have had many great mentors.

Southeast Branch and YMG Volunteer as Judges at the Future Cities Competition

The Southeast (SE) Branch and SE Branch Younger Members Group (YMG) again sponsored two special awards at the 2022 Future Cities Wisconsin Regional Competition on Saturday, January 15th. The SE Branch YMG sponsored the award for the Best Use of Recreational Space and the SE Branch sponsored the award for the Exemplary Model. This year's event again was held virtually. Thank you to the

volunteers who helped judge the teams on the day of the event and good luck at the national competition to the winning team from Glen Hills Middle School!



Winning Team: Greendale City - Glenn Hills Middle School



Ville des Pomme - Wheatland Center School



Millioke (Milwaukee) - St. Sava Orthodox School

Northwest Branch Updates

Northwest Branch Presents at University of Wisconsin – Stevens Point's STEAM Point Day for Boys

Andy Walters (AET), and Dan Borchardt participated in a STEAM event at UW Stevens Point Friday, January 28, 2022, specifically designed to introduce 299 middle school boys to STEM careers. The reviews from the program were overwhelmingly positive.

The event involved a series of workshops and the Northwest Branch's presentation was titled Would You Drink This Water? Murky water with twigs and mud simulated the runoff that occurs in nature from farm fields or streets when rainstorms pick up

sediment and from potable water picks up contaminants upon flowing through a residential home or business. This hands-on experience relies heavily on ingenuity, agreement with your team, and meticulousness. The students were set into teams and shown how a natural water filtration system works by layering different types of rock, sand, and varying sizes of each. The students received a stack of sieves and a bucket of mixed aggregates and were instructed to design a filter that did not allow material to wash through the filter. Part 1 explained the importance of wetlands and infiltration through soils.

Part 2 of the experiment allowed students to experience trial runs similar to drinking water filtration. The students added flocculent to the water and were able to touch and feel water filtration media, anthracite, green sand, and add varying amounts of each to their filter. The analysis showed how to create a better water filtration system each time they ran water through their design.

Each group of students was able to test the turbidity (the degree of transparency liquid scatters light) of the water after being ran through their hand-made water filtration system. Many of the students started with a turbidity reading of 300-400 and were enthusiastic about achieving a turbidity of 20-60 upon filtration. One group achieved a turbidity reading of 1 upon filtration.



**CHECK OUT THE NEW
NORTHWEST BRANCH
MEMBER LINKED IN PAGE!**

Stay in the know on all regional happenings.

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asce-wisconsin-northwest-branch](https://www.linkedin.com/company/asce-wisconsin-northwest-branch)**

**Thank You Sponsors of ASCE Wisconsin Section's 2023
Centennial Year Celebration!**



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