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The deadline for articles for the next newsletter is the first of the month.

PRESIDENT'S MESSAGE

Hello, ASCE WISE!

Greetings from your current president of the southeast branch! I hope this newsletter finds you in good health and good spirits despite the project load and construction season that is a crescendo growing without any signs of when it might reach its pinnacle. It seems as though I am on a strange spinal tap stage where the project stakeholder is telling me, "...but, this construction season goes to eleven."

I come to you all this month with some updates of both incredibly positive and encouraging as well as some news that concerting and somewhat alarming.

I'll begin with the positive. Large **congratulations** go out to both Marquette and MSOE for their recent success in steel bridge and concrete canoe competitions. Both are going to national competitions, and our branch is financially strong enough to offer a small amount of support to defray some of their travel costs. It's great to see students engaged outside of the classroom building skills in leadership, problem-solving, and communication, all while making friendships that could stay with them throughout their careers and life.

On the flip side of this bright shiny coin is one that seems to need some attention. Correspondence has trickled up about the current state of our student chapters that the impacts of COVID-19 have hit our student chapters very, very hard. Not surprisingly, many meetings are struggling for regular member attendance and engagement. With this decreased engagement, there are now growing gaps in the on-going transitional leadership, and the UWM chapter has actually gone entirely dormant.

For ASCE, some of the greatest challenges have been taking the strong student chapters and transitioning those members already engaged with positive student experiences into full members from industry. Much of the success or failure in this regard towards new member recruitment is based on reminding those professionals of the positive experiences that they had as students. If the environment is such that there is no support or space for these experiences, the long-term effects on member recruitment is not difficult to imagine. As a branch, there will likely be opportunities in the coming months to engage with prospective student members to encourage joining, engagement, and leadership with these student chapters. I'll ask that each of us reflect on the positive experiences and benefits that we have had through ASCE, and consider joining with me to ensure the long-term success of our student chapters in Southeast Wisconsin.

I will end on a positive note! Our annual scholarship fundraiser golf outing is coming up soon, and our registrations are already coming in good quantity. Registration links are later in the newsletter. Secure your spot TODAY! I am so looking forward to seeing as many of you as are able to attend.



Regards,

Jake Brunoehler, P.E., M.ASCE
Wisconsin Section, Southeast Branch, President
Jake.Brunoehler@adspipe.com

Scholarship Fundraiser Golf Outing – REGISTER NOW!

From: Paul Koszarek



Sponsored by your Geopier® Technology team.



Three things make it feel like summer in Wisconsin, Brewers Baseball, Summer Shandy on Tap and the ASCE SE WI Scholarship Golf Outing. If you haven't done so already, REGISTER!! We are filling up quickly. What you need to know:

- 13th Annual ASCE SE Branch Scholarship Golf Outing will be on JUNE 10, 2022.
- Fun, Friends, Networking, Food, Drinks, Prizes and multiply by.....6

This golf outing is raising scholarship money for deserving, future, Civil Engineers at Marquette, UWM and MSOE. They are the future of our industry, let's support the up and comers. Our sponsorships go to those scholarships, we are about 2/3 of the way there on our goal, we would greatly appreciate your support.

How to register, use the links:

Register:

<https://events.r20.constantcontact.com/register/eventReg?llr=cvve7pkab&oeidk=a07ej4cxhge4fe873dc>

Sponsor:

<https://events.r20.constantcontact.com/register/eventReg?llr=cvve7pkab&oeidk=a07ej4nz06j81775cb2>

Spring Technical Conference Recap

Article submitted by: Nick Bobinski & Tony Castle

The Southeast Branch was pleased to host the 2022 Wisconsin Section Spring Technical Conference virtually on Friday April 8th. Attendees had a chance to participate in three general sessions, including an opening presentation from President Dennis Truax and Dr. David Noyce on ASCE's Future World Vision Project, an eye-opening presentation on Unconscious Bias from the Honorable Judge Derek Mosley, and an interesting discussion on the art and ethics of interest-based negotiations from Vance Crowe. Along with those general sessions, there were some excellent technical sessions throughout the day as well as recognition of our recent Wisconsin Section Student Award recipients and acknowledgement of the new Life Members and Fellows in our Section.

We would like to give one last thanks to our sponsors. Without their support this event would not have been possible. We would also like to take one last opportunity to thank our great volunteer planning committee and Impact Association Management staff who worked relentlessly to ensure a smooth event! Thanks everyone for a great conference!



Steel Bridge and Concrete Canoe Competition Update

Article by John Bowen, Director-at-Large,
Student Affairs

The Marquette Student Chapter competed in the ASCE Symposium at UIUC at the beginning of April. The quiz bowl team got 2nd place and the steel bridge got 3rd place in the categories of stiffness, cost estimation, and construction economy. Marquette qualified for nationals and will be competing at the end of May at Virginia Tech. They also held elections for the 2022-2023 Executive Board.

(continued on next page)



Steel Bridge and Concrete Canoe Competition Update – cont.

The Milwaukee School of Engineering Student Chapter won the Western Great Lakes regional competition. They qualified for the national competition that will be held in early June at Louisiana Tech.



Newsletter Publication

We welcome your articles, letters & news items for publication in the ASCE SE Branch Newsletter.

Advertisements and job postings are also accepted by contacting:

Jake Brunoehler, P.E. – 262-794-2306 – Jake.Brunoehler@adspipe.com

or by visiting the employment page on our website (<http://www.ascewise.org/employment/>)

*Deadline for next issue is the first of the month.

**Who we are:**

Celebrating 39 years' of providing full service engineering expertise, Harwood Engineering continues to revel in its multi-disciplinary engineering talents and provide superior service throughout all phases of building and site construction. We offer structural, civil, electrical, mechanical, plumbing, and telecommunication engineering solutions; and due to our continued growth, we have an opportunity for an experienced *Structural Engineer* to join our team.

What you'll do:

- Knowledge and understanding of project development and design process including design involving steel, composite design, reinforced concrete, precast concrete, post tensioned concrete, masonry, timber, light gauge framing, shallow and deep foundations.
- Produce contract documents conforming to applicable building codes with guidance and supervision.
- Basic design and layout of structural engineering drawings for assigned projects including the preparation of plans, schedules and details.
- Prepare structural calculations.
- Work cooperatively and collaboratively with project team of designers and engineers to follow through with tasks and recommend solutions for completing design tasks.
- Perform construction administration tasks including RFI responses, submittal reviews and site observation visits.
- Visit job sites to verify existing conditions.

Who you are:

- A Bachelor's degree in Structural Engineering.
- 5-7 years' experience in structural design.
- PE preferred, or EIT and working towards professional engineering license.
- Proficient with Revit, AutoCAD, Bluebeam and Microsoft Office Suite.
- Familiar with building codes, zoning regulations and approval process.
- Good organizational and time management skills.
- Must be comfortable working independently and also in a team-oriented environment, with multiple projects and varied deadlines.
- Good verbal and written communication skills to draft correspondence, reports and communicate effectively with project team members.

We provide a comprehensive benefits program which reflects our healthy attitude towards a positive work/life balance, along with an energetic culture and incredible work environment. Submit your resume and compensation requirement to traci.mortensen@hecl.com Visit our website at www.hecl.com

We are an equal opportunity/affirmative action employer.

We celebrate diversity and are committed to creating an inclusive environment for all employees.

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What you'll do:

- Assist with the design of site layout, grading, storm water management, drainage, utilities and erosion control.
- Utilize engineering experience to solve issues related to existing or proposed infrastructure.
- Project design, planning, QC review, and budget tracking.
- Coordinate with and work with Municipalities and other approval bodies.
- Preparation of documents, drawings and reports from concept design through advanced technical design documentation (construction documents)
- Work cooperatively and collaboratively with project team of designers and engineers to follow through with tasks and recommend solutions for completing design tasks.
- Recommend ways to improve process, quality, and coordination efforts.
- Visit job site to verify existing conditions and observe construction progress.
- Work under the advisement of a senior project engineer to support design efforts.

Who you are:

- A Bachelor's degree in Civil Engineering and 3-5 years' experience.
- Working towards professional licensure.
- Experience with AutoCAD, Civil3D and Microsoft Office Suite.
- Experience in land development design with experience in site development, grading, drainage, storm water management, and permitting.
- Good organizational and time management skills.
- Possess strong verbal and written communication skills to draft correspondence/reports and communicate effectively with project team members.

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