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The Southeast Branch News is published monthly by the Southeast Branch of the Wisconsin Section of ASCE. Change of street and/or e-mail address should be sent to ASCE, 1801 Alexander Bell Drive, Reston VA 20191 (800/548-ASCE). You may update your own information at the Members Only page of WWW.ASCE.ORG

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

PRESIDENT'S MESSAGE

Hello Southeast Branch, and Happy New Year!!

Yes, I know it's only October, but it is the beginning of a new year for our Branch! With that comes the transition of roles on our board of directors. I'd like to extend a big "THANK YOU" to our outgoing Past President, Larry Buechel, who has been a dedicated servant to our group. Larry is now taking on the role of President-Elect for the Wisconsin Section, continuing his dedication and service to ASCE. Thanks also to Kyle Bareither, who will continue to help guide the Branch as Past President this year.

Speaking of our board of directors, we are always looking for people to join the board and our committees. ASCE would not function as an organization without the many volunteers that keep things running. (I'll say "Thank You" again to everyone who serves our Branch!) Serving on a board or committee does not have to be a huge time commitment, and it brings countless opportunities for leadership, growth, and networking. Please feel free to contact me or any of the board members to discuss opportunities.

Looking forward, we have some great activities coming up, including social events, outreach opportunities, and Professional Development Hours! Read on in the newsletter for additional details and keep an eye on your email throughout the year for the many events happening in our Branch.

I'm anticipating an eventful year for the Wisconsin Section Southeast Branch. Make sure to take advantage of these opportunities to get out in the community, meet fellow engineers, and have some fun, too!

As always, if you have an idea for an event, speaker, meeting topic, or anything else for our Branch, do not hesitate to contact me or any other board member.

And Thank **You** for continuing to make our Branch successful!

Sincerely,

Nick Bobinski, P.E., M.ASCE

Wisconsin Section, Southeast Branch, President

nbobinski@kapurinc.com



[Congrats to the 2020 Wisconsin Section Engineering Award Winners!](#)

The ASCE Wisconsin Section recognized its annual award recipients at the Annual Meeting on Friday, October 4th in Madison. Congratulations to the following winners, who were nominated by the Southeast Branch:

Ken Mika received the Distinguished Service Award. Ken's service to the community includes numerous volunteer efforts over the years. He is also a dedicated member of ASCE, having served at multiple levels. Ken is a past-president of the Southeast Branch and currently serves as President of the Wisconsin Section and is a Region 3 Director.



Josh Mitchell won the Young Civil Engineer of the Year Award. Josh's work experience includes numerous bridge design and construction projects in Wisconsin and Illinois. He has been a member of the Southeast Branch Younger Member Group Board of Directors since 2013, currently serving as President. He regularly participates in outreach activities and has been indispensable to the success of the STEM Expo for the past 5 years.

Mark Federle was selected for the Engineer in Education Award. Dr. Federle is the Associate Dean for Academic Affairs for the OPUS College of Engineering at Marquette University. You may have joined in one of his discussions at our annual ethics meetings over the years.

Ryan English took home the Engineer in Private Industry Award. As a Project Coordinator for Terra Engineering and Construction, Ryan helped the project team successfully install 213 drilled caissons for the Milwaukee Streetcar's Overhead Contact System. Ryan also served on the Southeast Branch Board of Directors as Treasurer for several terms.



John McCarthy was honored with the Engineer in Consulting Practice Award. John led the civil engineering design for the Milwaukee County Zoo's new Adventure Africa exhibit, a transformative \$16 million project which is the new home to the Zoo's elephants and other African animals. John is also a past-president of the Southeast Branch.

Congratulations again to these deserving individuals! Make sure to give the winners a pat on the back when you see them!

October Ethics Dinner

Join us for dinner at the Wicked Hop Jackelope Lounj and earn an ethics PDH! Southeast Branch President-Elect Tony Castle will lead an interactive discussion on Ethics in the Civil Engineering Industry.

Check out the link below for more information and to sign up!

[Ethics Dinner](#)

Student Scholarships

The school year has started and that means it's scholarship time! With the success of the golf outing the Southeast Branch is happy to announce we will be awarding three \$3,000 scholarships to college students in the Milwaukee area this year. Applications are due November 21st and scholarships will be awarded in January.

Students from Marquette University, Milwaukee School of Engineering, and the University of Wisconsin-Milwaukee are encouraged to apply. Application forms and more information can be found at <http://www.ascewise.org/scholarships/>

2020 ASCE WI Section Annual Meeting Planning Committee Forming

The Southeast Branch is scheduled to host the Wisconsin Section Annual Meeting in the Fall of 2020. We are currently forming a committee to begin the planning process. We will also be seeking speakers for the general and technical sessions.

For more information, please contact Nick Bobinski via email at nbobinski@kapurinc.com

[Younger Member Group News](#)

STEM Expo

The 2019 STEM Expo is less than a month away! Students in grades K-12 will pack the MSOE Kern center on November 9th from 10:30am to 2:30pm. Check out the STEM Expo website:

<https://www.ascewise.org/stem-expo/>

Many volunteers are needed to make this a successful event. Use the following link to register:



[STEM Expo Volunteer Registration](#)

YMG Kickoff

The Younger Member Group is hosting their kickoff meeting on October 24th from 6-8pm at [Axe Bar MKE](#). Register below to join us, we hope to see you there!

[2019 YMG Kickoff Meeting Registration](#)

Mentorship Program

The Wisconsin Section Southeast Branch is looking for mentors for our 2nd Annual Mentorship Program with students from Marquette, MSOE and UWM. Please apply below, the commitment is once a month from November through April. Applications are due November 15th. Use this link to apply:

[2019 Mentor Program Application](#)

Silver Spring Neighborhood Center Visit

The Southeast Branch Younger Member Group invites you to join us on **Tuesday, October 29 at 3:30 pm** as we visit the Silver Spring Neighborhood Center (SSNC) to lead fun STEM related activities. The SSNC is a community center serving the north side of Milwaukee with a mission to "build a safer, stronger neighborhood and community" on the northwest side of the city. The center has programming and services for all age groups.

This event occurs every other month and we are looking for volunteers for this month's visit as well as future ones. To make this a success, we need your help!

Please contact Carly Buschman at carly.buschman@aecom.com if you are interested in volunteering.

Future City Volunteer Judges Needed

The Milwaukee area Future Cities competition hosted by STEM Forward is coming up fast!



This program allows 6th to 8th grade students to plan, create and build a city of tomorrow. Teams of 3 students create a virtual city using Sim City software, build a 3-dimensional model of the city using recyclable materials, and write a research essay. Students gain exposure to a variety of engineering disciplines and overcome challenges as they work with a STEM mentor to create the best possible city.

The program culminates in the Wisconsin Regional Competition where teams give a 5-7 minute presentation to STEM professionals (judges) and have their projects judged by rigorous metrics. This year's Wisconsin Regional competition will once again be hosted at the MSOE Kern Center on Saturday, January 18th. The winner advances to the National Future City Competition held in Washington DC.

Each year there is a new theme and challenges the students to incorporate a solution into their city. This year's theme is Clean Water: Tap into Tomorrow. Participants are asked to identify a threat to their future city's water supply and design a resilient system to ensure a reliable supply of clean drinking water.

Judges will be needed both before and during the competition. Some of the opportunities to help judge this year's competition are listed below. Be on the lookout for more opportunities in the coming months!

Volunteer Opportunities

Volunteer Role	Commitment	Date or Timeframe
Team Mentor	Ongoing: 1-2 hours (periodically)	October to January
Virtual City Judge	One Time: 2-3 hour time block, at area school locations	December 3, 5, 9, 12 4:30 - 7:30pm
City Essay Judge	Ongoing: Remotely, at your convenience	Anytime from December 20 to January 10
Presentation / Model Judge	One Time: at Regional Competition	Saturday, January 18, 2020 @ MSOE Kern

For questions, contact Heather Dummer Combs at hcombs@stemforward.org

[New Southeast Branch Facebook Page](#)

The Southeast Branch has revamped its Facebook page! A link to the new site can be found below. Be sure to Like and share our page to keep up to date on future Southeast Branch news and events.



[Speakers](#)

The Southeast Branch is developing a speaker list. If you would like to present at one of our monthly meetings in the area, please reach out to Kyle Bareither (Kyle.Bareither@ramboll.com). This would also be used to provide speakers to our three local student chapters; please consider reaching out and passing on your knowledge!

[10 FREE PDH hours through ASCE](#)

As of 2019, your annual ASCE membership now includes TEN free on-demand webinars from the more than 200 on-demand webinars listed at the link provided below. Each one is a 60-90-minute webinar worth 1-1.5 PDHs—that's up to 15 FREE PDHs from our comprehensive continuing education library. Don't let this go to waste!



[Courses are available in all these disciplines!](#)

Architectural – Coasts, Oceans, Ports and Rivers – Codes and Standards – Construction Engineering Mechanics – Environmental – Geotechnical – Hydraulics and Water Resources – Infrastructure – Management and Practice – Materials – Structural – Sustainability – Transportation

[Free on-demand webinars](#)

[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:

Kyle J Bareither, P.E. – 414-837-3574 – Kyle.Bareither@ramboll.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.

The following are paid advertisements and are not affiliated with ASCE.



CREATIVITY BEYOND ENGINEERING

raSmith Structural Bridges Leader Job Posting

raSmith is a consulting civil engineering and land surveying company dedicated to our clients, employees and profession. Our clients come to us for creative and effective solutions for their projects. Our work includes both private and public sector projects in land development, transportation/traffic, structural, municipal and ecological areas. We work on projects nationwide from our eight locations in Wisconsin, Illinois and California.

We have an opportunity for an individual with a strong structural and bridge design background and leadership experience. We are seeking an individual to manage and grow the Firm's bridge design practice, which is a sub-discipline of our Structural Division. We are looking for a team-oriented person who has well-rounded engineering experience working in concrete and steel bridge design and project management with a Wisconsin DOT focus.

As a seller-doer, this person will serve as project manager or technical lead on bridge-related projects. Technical responsibilities include:

- Performing NBIS bridge inspection services of routine and complex structures
- Active participation in business development activities including project pursuits, client management, and organizational involvement
- Working in collaboration with the firm's Transportation Division to develop relationships with targeted clients and pursue transportation infrastructure projects for state and local clients in Wisconsin and the Midwest

Requirements:

- Bachelors of Science degree in Civil Engineering is required, Masters of Science degree in Civil Engineering is preferred.
- Ten (10) plus years of bridge design experience including structural design of local, highway, and interchange bridges and ancillary structures. Three (3) plus years of bridge design experience as a Bridge/Structures Technical Lead or Project Manager.
- Wisconsin Professional Engineer Licensure required, Illinois Structural Engineer Licensure preferred.
- Strong knowledge of Wisconsin DOT Facilities Development Manual and BOS Bridge Manual including standards, specifications, and procedures.
- Strong working relationship with WisDOT BOS staff and WisDOT project development project managers.
- WisDOT Certified Bridge Inspector Team Leader required
- Proficient in AASHTO LRFD design of bridges, retaining walls, culverts, and other ancillary transportation structures.
- Experience with bridge analysis and design software including MDX and LEAP Bridge Suite.
- Experience with AutoCAD and MicroStation.
- Structural design of buildings and related structures a plus.

We are proud to be an EOE/Affirmative Action/Veterans/Disabled employer.

Please visit our career page at: <https://www.rasmith.com/careers/career-opportunities/> to apply for this opportunity.