

# SOUTHEAST BRANCH NEWS

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

## PRESIDENT’S MESSAGE

Hello Southeast Branch!

I hope your new year is off to an excellent start! It’s already shaping up to be a great year for the Southeast Branch.

With the heavy dose of winter weather we’ve been dealt over the last few weeks, you may be tempted to hunker down and hibernate until warmer weather returns. Luckily, we have some excellent events coming up, so you can shake off the cold and snow and get out and stay active!

You’ll find additional details within the newsletter on several upcoming events, including our Annual Scholarship Dinner, STEM Forward’s Engineers Week Banquet, and the YMG Admirals game outing.

With Engineers Week fast approaching (week of February 16-22) this is a great time to reflect on the importance of our profession. Engineers Week is a time to celebrate the impact that engineers have on the world, publicize the growing need for future engineers, and highlight the exciting world of engineering among kids, parents, and teachers.

I encourage you to think of a way (large or small) to celebrate Engineers Week. Thank your colleagues and peers for the important work they do. Reach out to your kids’ teachers to tell them what Engineers Week is about. Participate in an outreach activity in your community.



I’d love to hear about how you are celebrating Engineers Week this year. Shoot me an email with your ideas! If you are participating in an outreach activity, let’s spread the word.

Sincerely,

Nick Bobinski, P.E., M.ASCE  
Wisconsin Section, Southeast Branch, President  
[nbobinski@kapurinc.com](mailto:nbobinski@kapurinc.com)



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## [January Scholarship Dinner](#)

Article by Brad Seubert

The ASCE Southeast Branch will be hosting a dinner to congratulate our scholarship winners! Please come out and help us congratulate them. The dinner will be held at Milwaukee School of Engineering on January 29<sup>th</sup>.

Following the scholarship awards Bob Schumacher and Levi Warner will be giving a presentation titled **Raise the Roof, Summerfest American Family Insurance Amphitheater 2020 Renovation.**



Many top acts in the entertainment industry put on travelling shows that have very elaborate stage set ups that require up to 60' clearance over the stage, this made the Milwaukee Summerfest Amphitheater less desirable and unbookable for many of the best national acts with a short 39' clearance over the stage of the 1987 vintage steel framed roof. This presentation will discuss the planning, design and construction aspects involved in raising the 25,000 square foot, 300-ton center portion of the amphitheater roof 26 feet as part of the \$50 million renovation of the Amphitheater.

[Get more information](#)

[Register Now!](#)

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## [December 2019 Meeting Recap](#)

Article by Kyle Bareither

The Southeast Branch held the December meeting at MSOE's Grohmann Tower with [STEM Forward](#) on December 16, 2019. Dr. Rani Elhajjar, a tenured associate professor at the Department of Civil and Environmental Engineering at the University of Wisconsin – Milwaukee, presented on the "*Structure challenges for Low-Cost Space Exploration.*" With a unique blend of real-world experience working for Intel, Boeing, and SpaceX and academia experience, Dr. Elhajjar provided insight on the challenges that constrain modern-day space exploration. Dr. Elhajjar discussed the importance of 3D printing for unique parts necessary for specialized space exploration infrastructure, and how important it is to be able to reuse the first and second stages of a launch system to cut costs. The presentation was unique and very interesting. Thank you Dr. Elhajjar for taking the time to enlighten us on such a unique topic!



## 2020 Multi-Region Leadership Conference in Detroit, Michigan

Article by Tony Castle

On January 10<sup>th</sup> and 11<sup>th</sup>, I got the privilege of representing the Southeast Branch at the 2020 ASCE Multi-Region Leadership Conference in Detroit, Michigan. For those of you unfamiliar with the conference, it is actually 3 different conferences running concurrently: The Workshop for Student Chapter Leaders, the Central Region Younger Member Council, and the Workshop for Section, Branch, and Institute Leaders. As the Southeast Branch delegate, I attended the Workshop for Section, Branch, and Institute Leaders.

The conference is an action-packed 2 days of presentations, round table discussions, best practice focus sessions, awards banquet, and various social and networking events and activities. I met some great people and had some interesting discussions on how to better lead and improve our member experience that I hope to implement now and next year as president.

Some of the pictures below include a presentation from ASCE President Guna, a team building activity during the Region 3 breakout session, a group picture of the WSBIL delegates, and a selfie I took while leading the best practice discussion on social media and website development.



## Congratulations to 2019 Engineer of the Year Darrell Berry

STEM Forward has selected Southeast Branch member Darrell Berry as the 2019 Engineer of the Year! Darrell has nearly 48 years of professional consulting civil engineering experience and has spent 37 of those years in southeast Wisconsin, primarily with infrastructure, bridge and transportation projects. Darrell has made significant contributions to the civil engineering profession throughout his professional career and currently works at Mead & Hunt in Wauwatosa.



Darrell will accept his award at the 67<sup>th</sup> Annual Engineer's Week Banquet on February 12<sup>th</sup> at the Italian Community Center. Additional awards will be presented to 2019 Young Engineer of the Year Veronica Loete and 2020 Spirit of STEM Recipient We Energies. UWM Chancellor Mark Mone will be the keynote speaker. Follow the link below for more information and to register to attend the banquet.



### [67th Annual Engineer's Week Banquet](#)

Congratulations Darrell on this well-deserved honor!

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## 2020 ASCE WI Section Annual Meeting

The Southeast Branch is hosting the Wisconsin Section Annual Meeting in the Fall of 2020, and we need your help! We are seeking speakers and topics for the general and technical sessions.

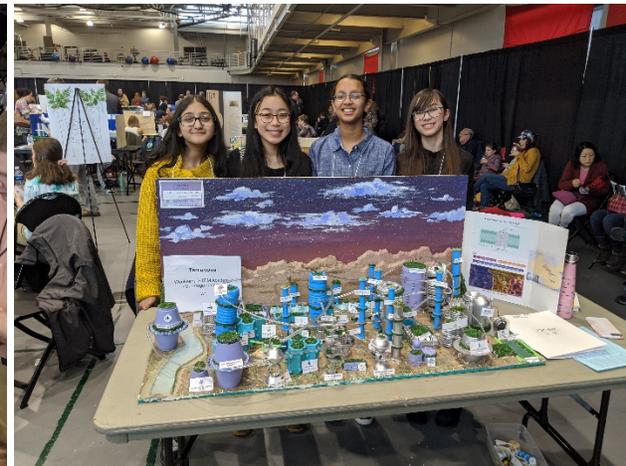
Please contact Nick Bobinski via email at [nbobinski@kapurinc.com](mailto:nbobinski@kapurinc.com) with suggestions.



## Younger Member Group News

### Future Cities Awards Judging

The Southeast Branch and the Younger Member Group helped judge Future Cities Models on Saturday, January 18<sup>th</sup> at the MSOE Kern Center. We awarded four Exemplary Model awards and one award for the Best Use of Recycled Space. Future Cities is a competition open to Middle School Students Grade 6-8 where students try to create their ideal future city. Each group produces a scale model out of recycled materials, a Sim City model, a 1,500-word essay, a project plan, and presentation as part of the competition. Below are pictures of some of the winning teams.



### YMG Admirals Game

The YMG will be celebrating Engineer's Week by attending a Milwaukee Admirals hockey game on Friday, February 21<sup>st</sup>. We are working to arrange a tour of the UW-Milwaukee Panther Arena as part of the event. Watch for an invite coming soon!

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## [Check us out on Facebook and Instagram!](#)



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## [Meeting Sponsorship Opportunities](#)

Is your company interested in a unique sponsorship opportunity? Our monthly member meetings are a great way to connect with Civil Engineers in Southeast Wisconsin! Contact Kyle Bareither ([Kyle.Bareither@ramboll.com](mailto:Kyle.Bareither@ramboll.com)) to discuss upcoming sponsorship opportunities.

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## [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](mailto: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!

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## [10 FREE PDH hours through ASCE](#)

Annual ASCE membership now includes TEN free on-demand webinars worth up to 15 PDHs! Take advantage of this benefit before the end of the year!

[Courses are available in numerous disciplines!](#)

[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](mailto: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

## **Civil Engineer – Land Development Services – December 2019**

We currently have an opening for a Civil Engineer who will provide design and technical aspects for site development and redevelopment projects in Southeast Wisconsin. The work will involve preparing site civil development plans, including site and paving plans, grading plans, erosion control plans, watermain plans, storm sewer plans, and sanitary sewer plans using AutoCAD Civil 3D and a variety of other engineering software. It will include performing hydrologic and hydraulic calculations and preparing stormwater management plans as well as completing research and permitting processes for sites.

The position requires a Bachelor of Science degree in Civil Engineering. Candidates should have 3 to 8 years of experience in land development design and civil engineering with experience in site development, grading, drainage, storm water management design, and permitting as well as experience in water distribution and sewer collection systems design, parking lots and roads, erosion and sediment control, from initial project planning through construction phase. Proficiency with AutoCAD Civil 3D and hydrology and hydraulic software is important. Experience with Deltek Vision is preferred.

raSmith is a multi-disciplinary consulting firm comprising civil engineers, structural engineers, land surveyors, development managers, landscape architects and ecologists. Our services are focused on our public and private sector client needs in design and construction. We work on projects nationwide from our eight locations in Wisconsin, Illinois and California.

At raSmith we believe in a work/life balance and have been consistently named a Top Workplace based on survey responses by our employees. Our firm is dedicated to finding quality candidates and we offer a competitive compensation plan and excellent benefit package which includes the following:

- Medical, Dental and Vision insurance, including a Health Savings Account option and Flexible Spending Account options
- Paid Time Off and Holiday programs
- 401k Plan with immediate employee participation and a generous Company Match
- Tuition and Professional Licensure/Certification Reimbursement programs

At raSmith, our corporate culture balances our focus on client service, quality and tireless pursuit of excellence in all we do with our friendly/family atmosphere. This has led us to receive numerous awards for innovative projects as well as local and national recognition as a top employer based on survey responses by our employees.

We offer our employees more than just a job; we offer an opportunity to shape the world for generations to come through innovation and design. We are proud to be an EOE/Affirmative Action/Veterans/Disabled employer.

You are invited to visit our website at: [www.rasmith.com](http://www.rasmith.com) to learn more about our organization.