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www.ascewise.org

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 Wisconsin Engineers,

It has been a great start to the year so far with another year of Future Cities Competition judging completed. If you haven't had the opportunity to volunteer some time for STEM events in the area, I highly encourage it, as it is fulfilling and necessary for the events to be successful.

With the artic freeze at the end of the month last month, we had to postpone the Student Scholarship banquet to honor the recipients of the Southeast Branch's student scholarships. The banquet will be held later this month at Marquette University. Additional information on the event is provided below.

Last weekend was the annual Regions 3, 6, & 7 Multi-Region Leadership Conference, held this year in Dallas, TX (February 8-9). Our Branch President-Elect and Younger Member Group President were able to attend and represent Wisconsin's Southeast Branch. There were many motivated attendees and great information that we will bring back to our branch for future events and operations.

As always, please feel free to contact the board with any ideas that you may have for future social events, outreach events, or monthly meeting topics, so that we can help provide great opportunities to the Branch members.



More information on the group and our events can be found on our website at <http://www.ascewise.org/>.

Sincerely,

Kyle Bareither, P.E., M.ASCE
Wisconsin Section, Southeast Branch, President
Kyle.bareither@obg.com



Come join us for a HAPPY HOUR to celebrate
ENGINEERS WEEK!

WHERE: Great Lakes Distillery - 616 W. Virginia St., Milwaukee, WI 53204
WHEN: Wed. Feb. 20th at 3:30 PM, Tour begins promptly at 4:00 PM
REGISTRATION LINK

COST: \$5 (Covers tour and appetizers)
Special pricing on cocktails all evening!

EAT, *Drink,* & relax

Event Sponsor: 

[ASCE Student Scholarship Dinner \(Rescheduled\)](#)

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 had to be rescheduled due to the arctic freeze we experienced on January 30th. The scholarship dinner will now take place on **Tuesday, February 26, 2019 at Marquette University.**

Carl Sutter, P.E., C.C.S. F.ASCE, Senior Vice President at McMahon and ASCE Region 3 Director will present on the current status of ASCE's Infrastructure Report Card and why it matters. Ken Mika, P.E., M. ASCE, Project Engineer at Geosyntec Consultants, Inc. and ASCE Region 3 Governor, will follow up on the efforts for the 2020 Wisconsin Infrastructure Report Card Committee

[Additional Information](#)

[Register for the Event!](#)

Southeast Branch Awards Scholarships to Local Students

In January of each year, the Southeast Branch awards \$3,000 scholarships to 4 civil engineering students enrolled at one of the universities in our Branch offering civil engineering programs. The Southeast Branch would like to congratulate our four scholarship winners for this year. Those winners are:

Ellie Shorter is a fourth year Marquette University Student and the president of the ASCE student chapter. Once a month they volunteer with Marquette's Habit for Humanity Club and she is an active member of the Alpha Chi Omega Sorority. Ellie has become fascinated with bridges and hopes to get her Masters of structural engineering degree.

Blake Neuman is a Marquette University student. Blake was president of the ASCE student chapter for two years and currently acts as an advisor to the student chapter. Blake has been a concrete canoe project manager. His long-term goal is to become an upper level manager at a design or construction firm.

Katherine Augustine is a Milwaukee School of Engineering student. She is active in the ASCE and SWE student chapters on campus. She volunteers with numerous organizations including Phil's Friends, Feed My Starving Children and Habitat for Humanity. Katherine's long-term career goal is to design and build efficient structures and building processes that increase efficiency in the workplace.

Luke Royal is a UW-Milwaukee student and the president of the ASCE student chapter. Luke focused his attention on collaboration with other student groups on campus and has grown the UWM concrete canoe team from 4 people to 15 people. Luke hopes to become a project manager or own his own business in the future.

Congratulations to these four students on being awarded these scholarships for 2019!

Wisconsin Section News

- 2019 Region 3 Assembly will be held in Green Bay. More information to come.
- Section continues to look for volunteers to assist with development and preparation of a Wisconsin Infrastructure Report Card. Reach out to Ken Mika (KMika@Geosyntec.com) or Jennifer Schaff (jennifer.schaff@countymaterials.com) for more information.

2019 ASCE Regions 3, 6, & 7 MRLC Recap

Article by: Nick Bobinski

The ASCE Regions 3, 6, & 7 Multi-Region Leadership Conference was held February 8-9, 2019 in Dallas, Texas. The conference brought together Student Chapter, Younger Member, Section, Branch, and Institute leaders for two days of seminars, networking, and fellowship. Attendees included Region 3 Governor and Wisconsin Section President-Elect Ken Mika, Wisconsin Southeast Branch President-Elect Nick Bobinski, Southeast Branch Younger Member Group President Josh Mitchell, and Student Chapter leaders from MSOE and Marquette University.



Some highlights from the Workshop for Section, Branch, and Institute Leaders portion of the program included:

- Leadership topics such as How to Embrace Change, Communication Styles in the Workplace, Dealing with Difficult People, Professional Ethics, and Safety Leadership and the Engineer
- Presentations about the many resources available from ASCE National
- Small group discussions on Section & Branch Social Media and Solving Student Transition
- Central Region Younger Member Council Awards Banquet at the Sixth Floor Museum (site of JFK assassination)
- 2019 ASCE President-Elect Kancheepuram (Guna) Gunalan's Vision for ASCE
- Q&A with 2019 ASCE President Robin Kemper, 2019 ASCE President-Elect Kancheepuram (Guna) Gunalan, and ASCE Executive Director Tom Smith
- Q&A with 2020 ASCE President-Elect nominees Jean-Louis Briaud and Dennis Truax

YMG News

Article by: Josh Mitchell

The YMG had their annual Admirals game outing Friday February 1st. Even though the Admirals lost on a heart-breaking overtime goal, the group had a great time with appetizers at the Oak Barrel Public House, and we even had a participant in the Human Hockey Puck!



Spring Technical Conference

The Northwest Branch cordially invites you to attend the 2019 ASCE Wisconsin Section Spring Technical Conference on **Thursday, March 14, 2019** at the **University of Wisconsin-Eau Claire**. Attendees can earn Five PDH's! Register now:

Details and Registration

Speakers

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



Membership Update

Article by: Jake Brunhoeler

Total Branch Membership: 849

Please give a warm welcome our newest members of the Southeast Branch!

Ian Mosbrucker, EIT, A.M.ASCE	GZA
Jackie Quandt, P.E., M.ASCE	City of Brookfield
Benjamin Kroeger, EIT, A.M.ASCE	Professional Service Industries

It's that time of year again! If you haven't renewed your ASCE membership for 2019, time may be running out! As an ASCE member, you have access to a wealth of benefits that serve you throughout your career. For more information [Download the Member Resource Guide](#)

YMG: 138

Current Life Members: 131

Current Student Members: 188

Please give a warm welcome to our newest Southeast Branch Student Members!

Hunter Butera, S.M.ASCE	Milwaukee School of Engineering
Shelby Hauersperger, S.M.ASCE	Milwaukee School of Engineering
Azam Elyasigorji, S.M.ASCE	University of Wisconsin - Milwaukee
Farzaneh Elyasigorji, S.M.ASCE	University of Milwaukee-Wisconsin
Daniel Cazares, S.M.ASCE	University of Wisconsin - Milwaukee
Joseph Yellick, S.M.ASCE	University of Wisconsin - Milwaukee
Spencer Krautkramer, S.M.ASCE	University of Wisconsin - Milwaukee
Tyler Zettl, S.M.ASCE	University of Wisconsin - Platteville
Kassidy O'Malley, S.M.ASCE	Marquette University

ASCE Key Contacts: 77

Grassroots advocacy plays a critical role in ASCE's ability to meet its vision, mission, and strategic priorities. We can and **do** lobby. [Key Contacts](#) help the Society lead those efforts by contacting their state and federal legislators, sharing their everyday civil engineering experiences, and building relationships. The Key Contact Program supports Key Contacts in their efforts with advocacy resources, training, and tools.



I WANT YOU TO BE KEY CONTACT

Volunteer Judges Needed for 2019 Rube Goldberg Machine Contest

Article by: Tony Castle

STEM Forward is hosting another regional Rube Goldberg Machine Contest in the metropolitan Milwaukee area and the Southeast Branch is sponsoring a special award for the contest. The contest challenges teams of high school students to build a machine to do a very simple task in a complicated way. Student teams perform great feats of engineering in the contest, transforming everyday materials into their own wacky and innovative machines.

In sponsoring the special award, the Southeast Branch can view the contest entries and select one of those entries to receive the branch's special award. Two to four volunteer judges are needed to represent the branch at the contest. Details regarding the event are as follows:

DATE: Friday March 1, 2019
TIME: 9:00am – 12:30pm
LOCATION: Waukesha County Technical College
800 Main Street
Pewaukee, Wisconsin 53072



If you are interested in serving as a volunteer judge for this year's contest, please email Tony Castle at tony.castle@aecom.com for additional details.

Nominations being accepted for ASCE member awards

A number of national ASCE awards will be granted in the next few months, so now is your chance to nominate yourself or a colleague! The following is a link to the ASCE information page on the criteria and deadlines for these awards:

[*ASCE Invites Nominations for Society Awards Recognizing Civil Engineers*](#)

Please consider nominating someone or submitting a paper today!

Renew your membership!

Article By: Kyle J. Bareither

If you haven't done so already, please renew your ASCE membership when you are able to, it was due by the end of the year. These dues help fund our activities for the southeast branch. The number of members that renew also determines the allotment provided to us from the Wisconsin Section. Please remember to renew, so that we can continue to provide our members with great opportunities such as our monthly meetings, our many outreach programs, and support for our student chapters.



Renew Now!

Prefer to renew by phone? ASCE's Customer Service is available at **(800) 548-ASCE (2723)** between 9:00 a.m. – 6:00 p.m., E.T., Monday to Friday.

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@obg.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.



raSmith Structural Engineer Posting

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 including land development, site planning and design, structural engineering, municipal engineering, transportation and traffic, surveying, construction services and geographic information systems (GIS). We work on projects nationwide from our nine locations in Wisconsin, Illinois, California and Pennsylvania.

We currently have an opening for a Structural Engineer in our Brookfield, WI location. This position, either individually or as part of a team, is responsible for the overall design and coordination of structural building related projects from inception through completion of construction.

Primary Responsibilities:

- Organize and manage structural design efforts for multiple simultaneous projects
- Design and layout structural engineering drawings for assigned projects/work assignments including the preparation of plans, schedules and details
- Design structural systems of cast-in-place and precast concrete, structural steel, masonry, wood and cold formed steel framing for a variety of healthcare, commercial, industrial and institutional buildings
- Prepare Structural calculations for submittal to regulating authority
- Perform and/or coordinate the review of shop drawing submittals and posts modifications as needed
- Perform construction site observation visits and prepare reports of site visits completed

Qualifications/Requirements:

- Bachelor of Science degree in Structural or Civil Engineering and five (5) to seven (7) years of experience in the structural design of similar building projects or a Master of Science degree in Structural or Civil Engineering and applicable project work
- Proficiency in using Microsoft Office products; and working knowledge of AutoDesk Revit and AutoCAD programs
- Working knowledge of various structural analysis and design programs including RISA, RAM and ADAPT
- Knowledgeable in consulting and construction practices associated with design/bid/build, design/build and construction manager roles and responsibilities

At raSmith, we believe in a work/life balance and have been consistently named a Top Employer and a Best Firm to Work For by Zwiig White 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 program

At raSmith 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.

For more information visit raSmith's career webpage - <http://www.rasmith.com/careers/career-opportunities/>



Experienced Civil Engineer - Military Airfields **—Wisconsin—**

Mead & Hunt, Inc., a nationally recognized professional services consulting firm has an exciting opportunity available for an experienced civil engineer to join our aviation team. Responsibilities include designing and leading aviation engineering projects related to military airfields; evaluating and analyzing existing projects; preparing reports, budgets, cost estimates, specifications, plans, schedules, studies, and permits; leading proactive client interactions and communications with military clients; performing QA/QC tasks including leading design reviews; serving as the project manager and mentoring project staff; and serving as the onsite project engineer on construction projects. Travel will be required.

The successful candidate must have all of the following:

- a bachelor's degree (or higher) in civil engineering, or related field
- at least eight years of relevant experience (at least four years of experience must be in military airfield design)
- PE license in any state

The ideal candidate will have experience with any/all of the following: AutoCAD Civil3D design software; leading the development of plans, specs, reports, cost estimates, and submittal packages for military projects; Specs-In-Tact software; PCASE software; project QA/QC including leading design reviews; serving as the onsite project engineer on construction projects; preparing scopes, fees, and contracts.

If you have strong communication and organizational skills, are someone who takes initiative, and can work well both independently and as part of a team, complete the online application process for this job posting at www.meadhunt.com/careers OR submit your cover letter and resume (with the pdf application, if possible, printed from our website) to the address below by **Monday, February 25 2019**. Interviews are awarded on our review of your ability to meet the qualifications in the paragraphs describing the "successful" candidate and "ideal" candidate, **so be sure to explain where indicated in the online application (or in your COVER LETTER, not just in your resume, if you are applying by mail) how you meet each qualification listed in the paragraphs above.** Mead & Hunt will not sponsor a visa (H-1B, etc.) for this position.

MEAD & HUNT, Inc.

Attn: Req. #2019-1963

2440 Deming Way

Middleton, WI 53562

www.meadhunt.com

All qualified applicants will receive consideration for employment without regard to protected veteran status, disability, race, color, religion, sex, sexual orientation, gender identity, or national origin.

Posted 2/04/2019