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

PRESIDENT'S MESSAGE

Happy New Year! I hope everyone had a safe and enjoyable holiday season, although the bitterly cold weather over the last couple of weeks kept many of us cooped up inside. The new year brings with it a fresh start or new beginning for many aspects of our work or home life. Speaking of fresh starts, the first few months of 2018 are exciting ones for our Branch. In January, the Southeast Branch will award \$2500 scholarships to four very deserving civil engineering students attending our local universities. These awards will be made at our Annual Scholarship Banquet being held later in the month. Details on the banquet and this year's scholarship recipients can be found inside this newsletter.

In February, we celebrate Engineer's Week, with various engineering and science related organizations honoring or recognizing engineers and some of their accomplishments. I encourage you to participate in one of those events to celebrate the contributions we engineers make to society. Information on some upcoming Engineer's Week activities can also be found inside this newsletter.

March brings us the ASCE Wisconsin Section's Spring Technical Conference, and our Branch is hosting this year's event. The conference is planned for March 16th at the Country Springs Hotel and Conference Center in Pewaukee. With the current Wisconsin professional engineer registration biennium ending in July, this event provides a great opportunity to accumulate some of those PDHs necessary to maintain your registration. Additional details on the conference are contained in this newsletter, and be sure to watch your email in the coming weeks for conference registration information.

I am very proud of these and the various other events our Branch sponsors or supports over the course of each year. They provide fantastic opportunities to learn more about our chosen profession and the many exciting civil engineering projects underway in our area. They also provide an excellent opportunity to network with fellow civil engineers, and perhaps rekindle a relationship with a former colleague or forge a relationship with a new acquaintance. So, please strongly consider participating in one of the above events or any of the other branch events held throughout the year.

Lastly, I would ask any of you that might be interested in getting more involved in Branch leadership or administration, to contact me or any of the other members of our Board of Directors to discuss possible opportunities for involvement. Whether it might be serving on one of the Branch committees, volunteering at one of the Branch events, or seeking election to one of the seats on the Branch board, getting involved with our organization is a rewarding chance to contribute to the betterment of our profession or perhaps provide a young student with a last bit of encouragement that leads them to pursue an education and career as a civil engineer. You won't regret it.

Thanks for reading this and have a good month.

Larry Buechel

January Scholarship Dinner

Article By: Brad Seubert

The ASCE Southeast Branch will be hosting a dinner to congratulate our winners! The dinner will be held at the University of Wisconsin Milwaukee on Tuesday January 30th. Watch your email for additional details on the event and a link to reserve your spot.

The speaker for the evening will be Ashley Booth from HNTB and a PDH will offered for the event.

Ashley has been involved with some of the most complex and controversial infrastructure projects in recent history. He's had an integral role on the Milwaukee Streetcar project since 2007 and the Milwaukee Bucks Arena going back nearly 4 years. He will discuss the complexities of mega projects from inception and concepts, through the design and construction process.

Ashley Booth is HNTB's national streetcar practice leader and group director for HNTB Wisconsin's Planning and Technical Services group, which comprises of about 30 employees who support transit and other infrastructure projects nationwide. He has more than 14 years of planning and environmental experience, including transit and transportation planning, Federal Transit Administration (FTA) coordination, owner's representative, preliminary and final design, and federal transit grant experience. Ashley is currently a board member on a national streetcar advocacy organization, Community Streetcar Coalition and an active resident in the City of Milwaukee as the Vice Chair of the Martin Luther King Drive BID Board and Historic Brewers Hill Neighborhood Board. Recent Projects include: Milwaukee Bucks Arena, East-West BRT Milwaukee County, Milwaukee Streetcar, TramLinkBR Streetcar (Baton Rouge) and Q-Line Streetcar (Detroit).

Monthly Branch Member Meeting held December 13th

Article By: Larry Buechel

The Southeast Branch held its December member meeting jointly with STEM Forward on December 13, 2017 at the Milwaukee School of Engineering campus. Thirty members of the two organizations attended the lunch meeting to hearCarolynn Gellings, P.E. of DAAR Engineering make a presentation on the Milwaukee Streetcar project. Carolynn currently serves as Construction Manager for the project.

The intent of the current Milwaukee Streetcar project is to implement a 2-mile starter streetcar system (Phase 1), using modern vehicle technology, that will connect the Milwaukee Intermodal Station and the dense housing areas on the lower East Side. Construction began on Phase 1 of the Milwaukee Streetcar project in March 2017. Carolynn's presentation provided a brief background of what the streetcar is, it's purpose and need, and where it's located. The construction phase of the streetcar was discussed in detail, including the planning and coordination needed to implement major construction work zones on six key roadways downtown, challenges encountered during construction, an update on progress and what can be expected when the streetcar opens for service.

Thank you to Carolynn for making an excellent presentation, and thank you to those members in attendance for taking time out of their day to participate in the event.

Student scholarship winners

Article By: Brad Seubert

The ASCE Southeast Branch would like to congratulate our four scholarship winners for this year.

Spencer Krautkramer is a UWM student. He is member of the ASCE student chapter, Milwaukee waterski club, Engineers without Borders. Spencer plans to become a structural engineer upon graduation.

Rachelle McDowell is a UWM student. She is the treasurer of the ASCE student chapter and also concrete canoe captain. She founded the UWM student Chapter of AGC Construction Leadership Council. Rachelle would like to work her way into the construction side of the industry and work to streamline recycling in the construction world.

Astera Sundance is a Marquette University Student and environmental engineering major. She is a concrete canoe captain and led the environmental mini competition at the Great Lakes Conference for two years. Astera would like to pursue a Master degree in civil / environmental engineering.

Michael Laes is a MSOE student. He is actively involved in the ASCE student chapter and a concrete canoe captain. Michael helped MSOE qualify for the National concrete canoe competition last year. He is an eagle scout and would like to use his education in civil engineering to reduce humanities impact on the environment.

Watch for announcements this fall when we will be again accepting applications for scholarships.

Engineers Week Banquet

Article By: STEM Forward

Join us for an evening of cocktails and dinner as we honor some of the best and brightest STEM leaders in southeastern Wisconsin at the 65th Annual Engineers Week Banquet.

WHEN: February 15, 2018
WHERE: Italian Community Center
631 E Chicago St.
Milwaukee, WI 53202

STEM Forward is pleased to welcome Sujeet Chand, Senior Vice President and Information Officer of Rockwell Automation, as our 2018 keynote speaker.



Celebrated since 1953, the banquet will feature an interactive Future City student exhibit, social hour, silent auction, keynote presentation and more! Be sure to mark your calendar. You won't want to miss this momentous event, celebrating Milwaukee's finest engineers and inspiring STEM leaders.

For additional information, visit <http://www.stemforward.org/engineers-week-banquet-2018/>

YMG News

Santa Hat Bar Crawl

Article By: Dave Jaromin

On Friday, December 8th ASCE-YMG held our annual Santa Hat Bar Crawl. A group of about 25 members, students and professionals alike, spread joy and cheer around the Cathedral Square area, from Flannery's to Bad Genie and beyond. Thanks you to everyone who came out and helped us make it a success, including rolling with some of the last minute audibles.

If you didn't make it, join us at one of our upcoming events (Admirals Hockey Game - March 9th) or hold your breath till next year.

**Hunger Task Force Drive**

Article By: Colin Henderson

ASCE-YMG held its annual Hunger Task Force Food Drive last month in conjunction with the Santa Hat Bar Crawl. Over 60 items totaling out to over 60 pounds were collected from YMG members, student chapter members, as well as big portions coming from the Intertek PSI - Waukesha and EMCS, Inc. - Milwaukee offices. The collected food items were donated to benefit Hunger Task Force, Inc. and help the less fortunate. For those who are not familiar, Hunger Task Force, Inc. is a Milwaukee-based non-profit organization that operates a food bank to provide healthy food free of charge to a local network of food pantries, soup kitchens, and homeless shelters. Their mission is to end hunger in the Greater Milwaukee Area and across the State of Wisconsin.

I want to give a huge thanks to the ASCE Members, along with everyone else who donated and helped make this effort a success!

Save The Date Admirals Hockey Game

Article By: Dave Jaromin

YMG's next social event is Friday, March 9th, when we will be going to a Milwaukee Admirals hockey game. There will be food and drinks before walking to the game just down the road. Keep an eye out for event registration email coming out in the next couple weeks. Registration is expected to be \$25 which gets you food and your ticket to the game. Contact Dave Jaromin (djaromin@HNTB.com) with questions or for more information.

Save The Date ASCE Brewers Game

Article By: Dave Jaromin

The annual Brewers game and tailgate outing is right around the corner. This year's installment will be held on Friday, May 4th 2018 as the Brewers host the Pittsburgh Pirates.

2018 Spring Technical Conference – Save the Date

Article By: Kyle Bareither

The 2018 Spring Technical conference for the Wisconsin Section is right around the corner! The Southeast Branch is planning the conference this year, and it will be held at the Country Springs Hotel in Waukesha, WI on Friday, March 16, 2018. We have a great lineup of technical speakers and are excited to help members get the remainder of their PDHs before the end of the Biennium.



Please mark your calendars, and keep an eye out for updated details as we get closer to the event. Please contact Kyle Bareither (Kyle.Bareither@obg.com) or Tony Castle (ACastle@emcsinc.com) if you have any questions, or if you have a presentation you would like to discuss for possible incorporation into the event.

Student Chapter Update

Article By: Alyssa Walker

MSOE

With MSOE following a trimester system, they are currently prepping for their second round of midterms. They received a well-deserved break over the holidays, but even through the break they were hard at work on welding their steel bridge and prepping for their much-anticipated pour day for the concrete canoe. The students still managed to take time from their busy schedules and celebrate with a holiday potluck party (see pictures).

UWM

UWM has been busy ordering materials for their steel bridge and will begin fabrication once the students return from winter break. The students work on the steel bridge and concrete canoe in UWM's research building (referred to as USB). They had to undergo an extensive cleaning and safety process in order to appropriately use the space. Concrete canoe is also well on its way; mix design testing was completed over winter break. In addition to all of this, they conduct monthly general meetings with several guest speakers to inform the students on current events in the professional field.

Combined

The universities also all got together recently for a bowling event.



P.E./S.E. Licensing exam and review courses

Article By: Larry Buechel

The next P.E./S.E. Licensing Exam in the Milwaukee and Madison areas is scheduled for April 2018. ASCE's review courses for the fall P.E./S.E. exams begin February 1st



Looking ahead to taking the leap to licensure this spring through completion of the P.E. Civil Exam, the S.E. Exam, or Environmental Exam? The National Council of Examiners for Engineering and Surveying (NCEES) is a national nonprofit organization that develops, administers, and scores the examinations used for engineering and surveying licensure in the United States. **The next NCEES P.E./S.E. licensing examination in the Milwaukee and Madison areas is planned for April 13 and 14, 2018.** You can register for that examination via this link: <http://ncees.org/engineering>. **Registration for the examination remains open until 3:00 p.m. ET on February 15, 2018.**

Take the pain out of your study plan for that examination with ASCE's exam review courses. ASCE expert instructors' interactive courses and reference materials will build your confidence, preparing you to pass. **ASCE's live review sessions begin in early February.** Refresh and reinforce what you'll learn with 24-7 access to the recorded webinars. Join up with one or more engineers preparing in the same location and save with group rates. Get details and register here: http://www.asce.org/live_exam_reviews/

Volunteer Judges Needed for the 2018 Rube Goldberg Machine Contest

Article By: Larry Buechel

STEM Forward is hosting another regional Rube Goldberg Machine Contest in the metropolitan Milwaukee area again this year, 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 has the opportunity to 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 9, 2018
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 Chris Robb at crobb@geosyntec.com for additional details.

Welcome New Members!!

Article By: Nick Bobinski

Please join me in welcoming the following new members to the ASCE Wisconsin Section Southeast Branch:

Katherine Wardinski, Daniel Cypcar, Pamela Day, Sean Barron, Colten Brickler, Wesley Sigl, Venkatesh Velar, Brett Weber, Kieran Conley, Sean Hayes, Christopher, Patrick Coe, Mike Burzynski, and Joseph Stefanski.

You'll find all the latest updates and upcoming events in this newsletter. We look forward to meeting you! If you are looking for more ways to get involved, please feel free to email me at nbobinski@kapur-assoc.com

Check out our website, too! www.ascewise.org

ASCE's 2018 New Faces of Civil Engineering

Article By: ASCE National

It's an ASCE tradition. As the calendar turns to the new year, ASCE identifies an exceptional group of rising talents as the New Faces of Civil Engineering, shining spotlights on 10 outstanding young professionals and 10 college students who exemplify the future of the profession.



Visit this website to read more: <http://news.asce.org/meet-ascers-2018-new-faces-of-civil-engineering-professional/>

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:
Brian Genduso, P.E. - 414.278.9200 - bjg@spireengineer.com
Deadline for next issue is the first of the month.