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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

Although this newsletter comes to you a couple of months into the New Year, I hope everyone enjoyed some time off to spend with family and friends during the holidays. As we get into the New Year most of us identify some area of our lives we hope to improve or perhaps a cause we renew a commitment to. I encourage you all to include ASCE in your New Year's resolutions. Make a commitment to get involved with our monthly activities; if you are already involved with attendance at our events, perhaps a committee position could take your ASCE experience to the next level. We are always in need of volunteer leaders – drop me a note to see how you can get involved!

I'd like to take this opportunity to recognize two SE Branch committee members who recently stepped down after a significant term of service. Lori Rosenthal (Graef) and Bruce Ramme (We Energies) served 25 years on the Budget and Finance Committee for the branch. Bruce served as committee chairperson for eight of those years. I'd like to thank them both for their strong commitment to our branch in their important roles. Stepping up to take their place are Aaron Schramm (exp US Services Inc.) and Elizabeth Gruell (Brown and Caldwell). Let's welcome Aaron and Elizabeth to the Budget and Finance Committee.

I'm always proud to point out the achievements of our membership and I have several to tell you about:

- Bridget Henk (Graef) was named a "40 under 40" winner by the Milwaukee Business Journal in January. Bridget's commitment to ASCE, the civil engineering profession and our community makes her well deserving of this recognition.
- On January 25, four local outstanding civil engineering students were awarded scholarships at the annual Southeast Branch Scholarship Dinner held at Marquette University. Sam Roti (Marquette University), Holly Denfeld (MSOE), Alyssa Walker (UWM), and Constantine Moshi (MSOE) are this year's scholarship award recipients. The four scholarships we awarded are funded directly from our annual summer golf outing and the incredible success of this event last year allowed us to increase the value of each scholarship to \$2,500.
- Laurie Parsons (Natural Resource Technology, Inc.) was awarded STEM Forward Engineer of the Year following nomination by the Southeast Branch. Laurie was honored at the 63rd Annual STEM Forward Engineers Week Banquet held on February 11 at the Italian Community Center. As President of NRT, Laurie has established herself as a successful engineer and businesswoman in the Milwaukee area and across the Midwest. Laurie also provides strong support for NRT employees who dedicate time to professional organizations.

President's Message (cont'd.)

- Kyle Bareither (Natural Resource Technology, Inc.) was named one of the 2016 ASCE New Faces of Civil Engineering. Kyle's active participation in ASCE as a volunteer leader (including current president of our Younger Member Group) and his dedication to community service make him stand out in our group.
- Tony Castle, current YMG Vice President, received the prestigious Outstanding Younger Member in Community Activities award at the 2016 Multi-Region Leadership Conference (MRLC) for Regions 3, 6, and 7, held in January. Tony was the 2015 STEM Expo Co-Chair, and is heavily involved in community STEM Outreach activities.

Our Branch continues to produce excellent leaders and contributors to our profession. Please join me in congratulating everyone mentioned above for their hard work and dedication to ASCE.

-Mike

Volunteer Judges Needed for 2016 Rube Goldberg Machine Contest

Article By: Larry Buechel

STEM Forward is holding another Rube Goldberg Machine Contest in the metropolitan Milwaukee area 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. Approximately 15 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 three volunteer judges are needed to represent the branch at the contest. Details regarding the event are as follows:

DATE: Friday March 4, 2016
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 Larry Buechel at lbuechel@wm.com for additional details.

Planning Committee for Annual Meeting Now Forming!

Article By: Jared Wendt

The Southeast Branch will be hosting the ASCE Wisconsin Section Annual Meeting in September 2016. The planning committee is now forming. If you are interested in joining, please email Jared Wendt at jared.wendt@ch2m.com.

Wisconsin Section 2016 Spring Technical Conference

Article By: Dawn Rossmiller – Conference Committee Chair

The Fox River Valley Branch cordially invites you to attend the Wisconsin Section 2016 Spring Technical Conference. The Technical Committee Chairs have gathered a wide variety of exciting technical presentations for your enjoyment. We are very excited to have Tom Buchholz from the Wisconsin Department of Transportation discuss the monitoring of the corrosion on the Leo Frigo Bridge and provide updates on the I-41 and WIS 441 projects. Additionally, Jim Botz and Marty Kempf from Mead and Hunt will discuss the unique Montello Dam reconstruction project. The evening will conclude with an ethics presentation by Chris Martin from UW-Green Bay and St. Norbert College. We hope the sessions provide a valuable learning opportunity for all.



We look forward to seeing you at the conference!

DATE, LOCATION, TIME

Thursday March 24, 2016

Tundra Lodge, Green Bay

9:00 AM to 7:00 PM (Registration and Continental Breakfast begin at 8:00 AM)

REGISTRATION

Registration website:

<http://events.r20.constantcontact.com/register/event?oeidk=a07ec8m46cyed966b92&llr=f5fcerwab>

Online registration and credit card payments must be completed by **March 18, 2016** to avoid the \$25 late registration fee. Mailed registrations and payments must be postmarked by **March 15, 2016** to avoid the \$25 late registration fee.

No registrations will be accepted after **March 22, 2016**.

Please contact Brad Severson with any registration questions or problems via e-mail at brad.severson@rasmithnational.com.

HOTEL RESERVATIONS

865 Lombardi Avenue

Green Bay, WI 54304

Reservations: (877) 886-3725

Telephone: (920) 405-8700

Rooms have been reserved at \$99.95 per night for the night of March 23rd or March 24th. Each room includes 4 water park passes per day. Book by March 8th and refer to the ASCE Spring Technical Conference to receive the group rate. Reservations must be made by phone to receive the group rate.

YMG Activities

2016 Future City - Wisconsin Regional Competition

Article By: Patrick Flaherty



On Saturday, January 16th, the YMG teamed up with the SE Branch and volunteered as judges for ASCE-sponsored special awards at the Future City Regional Competition at MSOE in Milwaukee. The Future City competition is an event sponsored by STEM Forward in which middle school students apply engineering and technology concepts to design and build a model of a futuristic city. This year the YMG and SE Branch sponsored four awards for exemplary model and one for best use of recreational space. Special thanks to Kyle Bareither, Brad Seubert, Pat Flaherty, Josh Mitchell, and Dennis Keitel for volunteering to judge these awards!

Every year, students, teachers, mentors, and event coordinators devote four months of planning and preparation for the Regional Competition in Milwaukee and teams of Virtual Cities, Essays, City Narratives, and Special Awards judges volunteer their time to help make the event a reality. Our thanks go out to all those who donated their time and energy to this worthwhile event, it is because of them the event continues to be such a huge success year after year!



Best use of Recreational Space Winners - Fernwood Montessori

New YMG Facebook page

Article By: Tony Castle

YMG has revamped its Facebook page! A link to the new site can be found in the top left corner of this newsletter as well as below this article. Be sure to Like and share our page to keep up to date on future YMG news and events.

https://www.facebook.com/ASCEWISEYMG/info?tab=page_info



Student Scholarship Opportunity

Article By: Dennis Keitel

The Association of State Dam Safety Officials sponsors a scholarship program for students enrolled full-time in an accredited civil engineering program or in a related field. Students must demonstrate an interest in pursuing a career in hydraulics, hydrology or geotechnical disciplines or in another discipline related to the design, construction, and operation of dams. The scholarship is available to senior level students who expect to graduate in May/December 2017.

The deadline for submissions is **March 31, 2016**.

More information can be found here:

http://www.iowaasce.org/documents/ASDSOscholarship2016_17.pdf

Membership Update

Article By: Nick Bobinski

Remember to renew your ASCE membership for 2016 to continue to take advantage of all that ASCE has to offer! Renew online at www.asce.org

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

Natural Resource Technology, Inc. wins national ASCE award for YMG Support

Article By: Kyle Bareither

Milwaukee based Natural Resource Technology, Inc. (NRT) has been awarded the ASCE Superior Employer Recognition Award for Support of Younger Members!! The Employer Recognition Program was a result of the ASCE Strategic Plan which called for the establishment of a program to recognize and acknowledge employers who support Younger Member participation in ASCE activities. NRT has been acknowledged in this for being supportive to its engineers in their personal and professional careers. NRT supports its engineers by encouraging and assisting them in pursuit of their professional engineer's license, individualized development plans, active in-house training, and complete support for being involved in professional societies, including being active on those societies boards and planning committees.

Local ASCE members and volunteers may know of NRT as being a sponsor to STEM Expo and the Southeast Branch Scholarship Golf Tournament as well as hosting Section, Branch, and YMG Board of Directors meetings, STEM Expo meetings, and Spring Technical Conference planning committees.

Please join me in saying congratulations to NRT!

Wisconsin PE PDHs needed by July 31

Article By: Larry Buechel

Remember to Document your Continuing Education efforts for Maintaining your Wisconsin P.E. License!

July 2016 marks the conclusion of the 2014 - 2016 biennium for completing the necessary continuing education to maintain Professional Engineer licensure. As such, each licensed Professional Engineer must document the completion of at least 30 professional development hours (PDH) during the current biennium to meet license renewal requirements for the 2016-2018 biennium. The Wisconsin Department of Safety and Professional Services (DSPS) provides an Microsoft Excel spreadsheet for tracking that PDH documentation. The following is a link to the DSPS **2014-2016 Engineer Continuing Education Tracking Sheet** to aid in documenting PDHs completed for the current reporting biennium:

<http://165.189.64.111/Documents/Credentialing%20Forms/Education%20Forms/Continuing%20Education/Engineer/ENG%20CE%20tracking%20sheet%202014-16.xlsx>

Now you're asking yourself, "exactly what does my continuing education have to consist of"? DSPS has requirements for how the PDHs are obtained, how a PDH is defined, and how Continuing Education Units translate to PDHs. The following provides a link to Wisconsin Administrative Code A-E 13, Continuing Education for Professional Engineers, which details Wisconsin's continuing education requirements for engineers:

https://docs.legis.wisconsin.gov/code/admin_code/a_e/13.pdf

Remember the Southeast Branch's monthly lunch meetings provide an excellent source of PDHs, and your annual ASCE membership entitles you to choose up to five ASCE On-Demand Webinars - **free of charge**, via the ASCE website. Those ASCE webinars provide another excellent way to earn a PDH for each one you complete and pass – and you get 5 free!

'Get to Know Your Board' – Larry Buechel

We continue this series by getting to know Larry Buechel, Director for the Southeast Branch.

Tell us about yourself:

I am a District Manager with Waste Management, Inc., responsible for overall management of the company's closed solid and hazardous waste disposal facilities in the Midwestern United States. My wife Erin and I live in Mequon, and we are the proud parents of five-year-old twin boys.

Where did you go to school?

I graduated from UW-Madison with a Bachelor of Science degree in Civil and Environmental Engineering

Do you have any hobbies?

My family and I are avid Wisconsin Badger fans and enjoy attending Badger sporting events regularly. I also enjoy working in our yard, maintaining the lawn and gardens.

'Get to Know Your Board' (cont'd)

What is your favorite television show(s)?

I enjoyed the series "Mad Men", which recently ended. I am currently catching up on past seasons of "Boardwalk Empire" on HBO, and "Homeland" on Showtime.

What is the highlight of the past year?

Our boys made their first plane trip this last spring when we took a family vacation to Destin, Florida, which is in the panhandle portion of the state. They were also able to swim in the ocean for the first time on this trip, as well.

What did you want to be when you grew up?

I recall as a child initially wanting to be a TV cameraman for some reason.....but by the time high school rolled around, I knew I wanted to do something that involved math and science. After I got my driver's license, I was intrigued as to how one could hold the steering wheel essentially in one position as you negotiated a curve in the road. This interest, combined my love of math and science, led me to enter college with the intent of becoming a civil engineer.

What is the best place that you have visited?

I was fortunate enough to have the opportunity to spend six months in Italy, working as a special projects engineer. In this role, I was able to travel throughout the southern two-thirds of the country, and live and work amongst the Italian people. It was a very rewarding experience, both professionally and personally.

A place you would like to visit before you die?

I would like to see the Great Wall of China and the Egyptian pyramids.

How did you get involved in ASCE?

I initially got involved with ASCE through the student chapter in college. I recently decided to get more involved in the local professional Branch and pursued an opportunity try my hand at serving on the Branch Board of Directors.

What do you like best about ASCE?

As my career has progressed, I have become less involved in day-to-day engineering work. I appreciate that ASCE provides an opportunity to stay connected with the profession and maintain contact with fellow civil engineers.

What advice do you have for ASCE members?

Get involved in the local Branch activities – attend a lunch meeting, volunteer to be a part of one of the community service projects/events, or pursue one of the officer or director positions on the Branch board. And of course, one should always remember to do the easy ones first.....

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.

Job Postings

This is a paid advertisement, and is not affiliated with ASCE.



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Project Manager - Land Development (Milwaukee): This position serves as a leader of projects across the spectrum of civil engineering generally located throughout Wisconsin and Northern Illinois.

Project Manager - Land Development (National Clients): This position serves as a leader of projects across the spectrum of civil engineering specific to clients needs regardless of project location. This position can be based in either of our Chicago or Milwaukee offices.

Project Engineer - Land Development (Milwaukee): This position contributes civil engineering design elements to a project team.

Project Surveyor (Milwaukee): This position serves as a Professional Land Surveyor, or ability to gain licensure within 1-2 years, as a contributor to survey mapping, land divisions, and construction layout efforts.

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