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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

Engineer's week kicks off February 17 – 23 and is dedicated across the nation to ensuring a diverse and well-educated future engineering workforce. The program is aimed at increasing understanding of interest in engineering and technology careers among young students and by promoting pre-college literacy in math and science. Engineers Week also raises public understanding and appreciation of engineers' contributions to society.

The Branch held its annual Scholarship Dinner at Marquette University. Darcie Gabrisko Vice President and Director of Operations Strand Associates, Inc. spoke on specific experiences and lessons learned from several projects she has worked on (Transportation & General Municipal Infrastructure) as well as some personal insights on how new graduates, as well as long-time practicing engineers, can make themselves better professionals.

During the dinner we announced the winners of the three \$2,000 scholarships. The winners included Aaron Green University of Milwaukee, Tim Lewis Marquette University, and Brett Kash Milwaukee School of Engineering. Congratulations!

As a reminder the Fox River Valley Branch will be hosting the 2013 Spring Technical Conference. It will be held on Thursday, March 14, 2013 at Lambeau Field in Green Bay.

Finally we are looking to fill several positions on the board to include the Scholarship Committee and Membership Committees. As always, please contact me at Robert.martin18@ch2m.com if you have any questions or suggestions. We are always looking for ways to improve our branch.

Robert W. Martin, P.E.

Engineers Week

CELEBRATE AWESOME | Engineers Week 2013
February 17-23, 2013



Once again Engineers Week is here. E-Week celebrates the positive contributions engineers make to society and is a catalyst for vigorous outreach to kids and adults alike. Consider participating in one of many ways. Below are some links e-week related websites and a listing of a few things you can do to help make it a success.

- Visit www.eweek.org to learn more about Engineers Week 2013
- Visit www.asce.org/eweek/ to find out how ASCE specifically supports E-Week.
- Introduce a child to the ASCEville website for civil engineering-related games and activities.
www.asceville.org
- Watch Kevin Ford, Commander of the International Space Station, give earthlings an Engineers Week greeting at http://www.eweek.org/Site/video/SpaceStation13_Small.wmv
- Nominate a great teacher for a DiscoverE Educator Award:
<http://www.eweek.org/NewsStory.aspx?ContentID=290>
- Participate in “Introduce a Girl to Engineering Day” on Thursday, February 21:

September STEM Expo

On behalf of the STEM Expo planning committee, we would like to thank the Southeast Branch, its members, and all that attended the STEM Expo on September 15th. We thank you for your time and commitment in what is hopefully the first of many successful STEM Expo events. There have been many rave reviews and accolades from the community of which none would be possible without the support of our great volunteers. We hope you all had fun and can come away from your efforts with a sense of accomplishing our mission; to provide a place for students to learn about the excitement of Science, Technology, Engineering and Math through hands on discovery and exploration.

The STEM Expo was an event hosted by the American Society of Civil Engineers Younger Member Group in Milwaukee, WI on September 15, 2012. Companies sponsored hands on activities to promote Science, Technology, Engineering and Math to the next generation. Event Sponsors included ASCE WI Section, ASCE WI Southeast Branch, HNTB, MSOE, Majestic Realty, and American Transmission Company. Exploration Station sponsors were Kapur and Associates, West Allis Blueprint, Natural Resource Technology, Gillen Foundations, Patrick Engineering, Clark Dietz, Arnold and O'Sheridan, Himalayan Consultants, Ayres Associates and CH2M Hill. Silent Auction Sponsors included EMCS, Pinnacle Engineering Group, Milliman, and Fitness Together. Special Guests included MSOE Concrete Canoe, MSOE Steel Bridge, MSOE Institute of Electrical and Electronic Engineers, FIRST LEGO League, and FIRST Robotics. Goodie Bag Sponsors included Tensar, Graef and Bloom Companies.

Pictures and a time lapse video of the event can be found at www.ascewise.org/stem-expo.

Again, we truly appreciate all of your help in making this event a huge success!

-STEM Expo Planning Committee

Bridget Schuh, Chair, Pinnacle Engineering Group
Jesse Jefferson, HNTB Corporation
Ken Mika, Natural Resource Technology
Allan Pacada, EMCS, Inc.

Opening – ASCE Wisconsin SE Branch

Description: The SE Branch has an immediate opening on the scholarship committee. The committee's focus is the selection of recipients of for 3 to 4 locally sponsored ASCE Scholarships each year. The committee annually awards 1 scholarship to a deserving student from each of the universities in the SE Branch (UWM, Marquette, and MSOE) and a fourth to deserving recipient, independent of their university affiliation.

Responsibilities: The committee member will be responsible for helping to review and rank the scholarship applications, and selecting the recipients. Typically this process starts with the announcement of the scholarship opportunities after Labor day. The applications are due the week of Thanksgiving and the review and selection process is typically completed before Christmas. The review and selection process is typically completed via email.

Please contact the Branch President, Robert Martin, at 414-847-0425 or Robert.Martin18@CH2M.com if you are interested in this position.

Bridges Photo Contest

ASCE's Bridges Photo Contest is a great new way to celebrate the important role of bridges in our communities – and we're excited to share the news with ASCE members first.

We are looking for striking original photos of bridges, taken in the U.S. or abroad, that highlight design and engineering achievements of civil engineers. ASCE will recognize 13 winners and 25 finalists from a variety of categories, **including one just for our student chapter members**. Winning photos are eligible for inclusion in ASCE's 2014 Bridges Calendar.

If you love bridges, we want your photos! Find out how to win at ascebridgephotos.org.

Questions? Feel free to contact us at bridgephotos@asce.org.



New K-12 Outreach Opportunity – 2013 iFair

Editor's note: Please see the corresponding flyer on the following page.

A new approach for K-12 Outreach in 2013!

We understand everyone is busy and taking multiple times off to visit individual classrooms is difficult. After discussions with the YMG board and research of volunteer opportunities with an Engineering emphasis, we found the iFair to be our best fit. **Volunteers are only asked to donate a few hours of their time, and reach 600+ students while doing it.**

The iFair gives us the opportunity to demonstrate the excitement of an Engineering career to Milwaukee Public middle and high school students. The event is held at the Harley-Davidson University, 38th and Highland in Milwaukee, on Wednesday, March 27, 9:00am – 2:00 pm (lunch is provided!). There will be at least three “waves” of about 200 students each beginning at 9:30, 11:00 and 12:30. Each wave of students will visit the booths for an hour and then participate in a half hour panel discussion. While at our booth, students will attempt to build the tallest building in 5 minutes or less. Then volunteers can either stay at the booth, or attend the panel discussion and answer student's specific questions.

YMG is very excited about this new outreach opportunity and reaching 600+ students! There is a Head volunteer for this event, so we're looking for additional people to help out. Please contact Sarah Sanfilippo at ssanfilippo@emcsinc.com if you're interested or have any questions.

Thanks!



JOIN US AT THE **iFAIR** IT/Engineering Career Exploration

March 27, 2013 • 9AM – 2PM

Harley-Davidson Motor Company
Harley-Davidson University Building, 3800 W. Juneau Ave., Milwaukee



HOSTED BY:



WASHINGTON HIGH SCHOOL of
Information Technology
GEAR FOR SUCCESS with IT Courses,
IT Opportunities, IT Partnerships



Explore Careers in information Technology and Engineering

- Business Booth Presentations, Student Demos in Technology and Engineering Labs, Robotics Demonstrations ▪

Presented Jointly by WHS of Information Technology and our Business Partners:



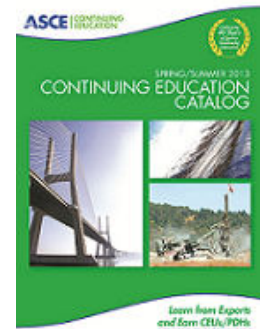
At Washington High School of Information Technology, it is our vision to graduate students academically empowered to compete and succeed globally.

MILWAUKEE PUBLIC SCHOOLS

For more information, please call (414) 982-5252 or visit iFair.pbwiki.com

Continuing Education Opportunities

Look for the newest *Continuing Education Catalog* in the mail with your February issue of *Civil Engineering* magazine. You can view the catalog online or search our website now for an upcoming Spring/Summer Face-to-Face Seminars, Webinars, or Online Courses to meet your professional development needs.



School Zones - A Comprehensive Look at Signs, Markings and Safety Programs

This webinar will benefit professionals who manage, provide consulting for, or are considering a school zone safety program in your community. The webinar explains the current guidelines in the Manual on Uniform Traffic Control Devices (MUTCD) to help you identify whether the current practices in your city, town, or jurisdiction are in compliance. Case studies and specific examples will be provided to help you understand why different treatments apply to different conditions. Updates from the new 2009 MUTCD will then be highlighted. The presentation concludes with a discussion on the Safe Routes to School Program and the important guidance that you can provide to your community to foster an environment that promotes safety for both the motoring and non-motoring public near your neighborhood schools. This webinar is co-sponsored by ASCE's Transportation and Development Institute and ASCE Continuing Education.

Register at: <http://mylearning.asce.org/diweb/catalog/item/id/68510>

Improving Project Communication: Within and Outside of the Project Team

The underlying theme of this webinar is that communication must be planned, explicit, and on-going. This webinar presents practical methods that the project manager can use for encouraging communication within the project team and between the project team and the client, owner, and other stakeholders. The webinar also speaks directly to the individual team member by offering communication tools and techniques that he or she can unilaterally apply. Participants receive a handout summarizing the webinar and a list of supporting articles, books, e-newsletters, and websites.

Register at: <http://mylearning.asce.org/diweb/catalog/item/id/68864>

'Get to Know Your Board' – Chad Shihata

We continue this series by getting to know Chad Shihata, YMG Social Chair.

Where did you go to school?

I graduated in 2012 with a BS in Civil Engineering from the University of Wisconsin – Milwaukee.

Do you have any hobbies?

Hunting and reading. Going out or going to events with friends.

What is your favorite television show(s)?

Walking Dead, Sons of Anarchy, Here Comes Honey Boo Boo

What is the highlight of the past year?

Graduating college and having people who wanted to hire me!!

What did you want to be when you grew up?

Started with wanting to be a toy tester like Tom Hanks was in the movie Big. Then apple farmer with my Dad on our family farm until I worked a few years there. In 8th grade after the balsa wood bridge competition I knew I wanted to be an engineer.

What is the best place that you have visited?

New Orleans. I spent 3 months there this past summer and it is so different and rich with culture. It also gives Milwaukee a run for its money as a party/festival city.

A place you would like to visit before you die?

Boundary Waters

How did you get involved in ASCE?

While I was failing at finding an internship in college I needed a way to boost my resume and stand out among everyone else. I started attending ASCE meetings and slowly got involved in the steel bridge team. Once I attended my first student conference I was hooked. In the years following I acted as President and then Conference Chair hosting the Student Conference at UWM. Upon graduation I immediately became involved with YMG in filling in for the departing social chair and as a committee member for the Annual Meeting.

What do you like best about ASCE?

I really enjoy socializing with other members. Getting to meet new people and make new friends in a nonworking atmosphere. Honestly I like being on a planning committee and making decisions and getting things done. In return getting more people involved and exposed to everything ASCE has given to me.

What advice do you have for ASCE members?

Get involved. There is so much openly available to make engineers at every level better at what they do. ASCE is in place to make us all better within our profession as a whole. The decisions and actions we choose everyday affect millions of people everyday.

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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