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2011-2012

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## Website:

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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](http://WWW.ASCE.ORG)

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

## PRESIDENT'S MESSAGE

This summer has sure been a scorcher. And it doesn't help that we haven't seen any rain in a while. Despite the hot weather, I hope everyone has an opportunity to participate in fun summer activities while staying cool at the same time.

Our annual ASCE scholarship golf outing was held on June 15th and it was a very well attended event. I would like to thank everyone that spent a fine Friday afternoon playing some golf while supporting deserving civil engineering students at UW-Milwaukee, MSOE, and Marquette, helping them reach their goal...a career in civil engineering.

Our June meeting was held at Alioto's in Wauwatosa. This was our annual Past-President and Spouses night. This dinner gives us the opportunity to honor our past-presidents for their service to the branch. Loei Badreddine from Graef was our speaker for the evening and presented to us The Moderne project. I would like to thank all that attended for the evening. I would also like to take a moment and thank Jensen John, last year's president, for the work he has done. Jensen was with us till early spring last year before he moved to Texas for work. For his service, Jensen will be receiving his past-president's pin, honoring his work during his time with us. I would also like to personally thank Justin Arndt. Technically, he was supposed to be finished this year, but because of the early transition, he graciously stayed on with us this year as well. Thanks Justin for all of your help!

This month we will not be hosting a formal dinner meeting. What are we going to do, you ask? How does an evening social event sound? It will be a chance to connect with other professionals and have an evening of fun after a long day at the office or in the field. We will be hosting an evening social at the Riverwalk Boat Tour which will be coming up in early August. Please keep watch of your emails as we will send out notices as soon as we finalize the details.

Elections for board officers are currently going on right now. Please keep watch of your email inboxes for the ballots if you have not received them yet. If you have received your ballot and have voted, we thank you for voting. We will announce the new officers next month.

Save the date! The 2012 ASCE Wisconsin Section Annual Meeting will be held on Friday, September 7th at the Country Springs Hotel in Pewaukee. Keep watch for further details. With Wisconsin now requiring continuing education for license renewal, this will be a great opportunity to attain the much needed PDH hours.

Please visit our website at [www.ascewise.org](http://www.ascewise.org) for more information on branch activities.

As always, please contact me at [jtsouflias@wi.rr.com](mailto:jtsouflias@wi.rr.com) if you have any questions or suggestions. We are always looking for ways to improve our branch.

John Tsouflias, P.E.

**STEM Expo**

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**Editor's Note:** You can find the sponsorship form attached at the end of the regular newsletter.

As the host of this year's Central Region Younger Member Council in January, our ASCE YMG is responsible for helping to plan and implement the conference, and raise \$10,000 to support many of the activities.

ASCE YMG will be holding an exhibition at the Milwaukee School of Engineering (MSOE) on September 15, 2012. Not only will the proceeds from this event support the Central Region YMC, but, perhaps most importantly, we will use the forum to inform students, educators, and community members about the importance of science, technology, engineering and mathematics (STEM) education. We ask you to support this effort through a sponsorship, but also attend the event and host an exploration station with activities related to our field of STEM geared towards youth, ages 6 – 18. We want to encourage those in attendance to pursue a career in one of the STEM fields that we all love so much!

The event will start with at 11:00AM and will conclude at approximately 3:00 PM. The exploration station space will be available for setup at approximately 9:00 AM on September 15. Each space is approximately 8'x10' with an 8' table for your use. The event will be set up in a career fair style with exploration station sponsors having their own space for an activity to do with the attendees. The space will be sectioned off by age group and companies assigned to tables based on their targeted age group. If a company would like ideas of activities to do with a particular age group, our committee would be more than willing to provide some ideas. Companies can either provide volunteers or our YMG can help.

A form is attached to the end of this newsletter with the various sponsorship levels as well as a description of what each level includes. We hope to see you and your company at our STEM Expo. For additional information, please contact Ken Mika at [kmika@naturalrt.com](mailto:kmika@naturalrt.com).

**ASCE National Elections**

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ASCE National elections are underway to fill the positions of president-elect, at-large director, region director, Technical Region director, and region governor. Members of the Environmental and Water Resources Institute (EWRI) will also be selecting a vice president for a term running from October 2012 to September 2016, and members of the Engineering Mechanics Institute (EMI) will be selecting an individual to serve on the institute's Board of Governors. The ASCE officers elected will all begin their terms of office at the ASCE business meeting planned for the 142nd Annual Civil Engineering Conference, which will be held October 18–20 in Montreal.

This year there are contested races for president-elect, Region 4 director, Region 5 director, Technical Region director, and Region 8 governor.

For more information, and to vote online, visit the following website:

<http://www.asce.org/ascenews/featured.aspx?id=25769809445&blogid=25769815007>

## **Younger Member Group**

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### **Future Outreach Event**

YMG's next outreach event will be Habitat for Humanity on Saturday September 29th, 9am - 3pm. Volunteering with Milwaukee Habitat requires no prior construction experience. We will teach you everything you need to know on site! Closer to the date, details of where and what activities will be provided. Come help build a house for deserving families of Milwaukee! Questions, contact Sarah Sanfilippo at [ssanfilippo@emcsinc.com](mailto:ssanfilippo@emcsinc.com).

### **July Social: 2012 ASCE Putters Open**

YMG's July social will be an 18-hole mini golf tournament at Prairieville Park in Waukesha. This 18-hole championship caliber mini golf course features a mountain, waterfalls, creeks, and ponds to challenge the most skilled of putters. The top putter of this years ASCE Putters Open will receive a \$15 gift card to Bar Louie (compliments of Junes ASCE trivia team). Tournament rules will be discussed night of the tournament. Advanced putters are allowed to bring their own putter.

When: Monday, July 16th

Where: Prairieville Park 2507 Plaza Court, Waukesha, WI 53186

Time: 6:00pm

Price: \$8

An E-vite will be sent out soon for this event. For more information, please contact Chad Shihata at [cshihata@gmail.com](mailto:cshihata@gmail.com).

## **Continuing Education Opportunities**

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### **Complying with the MUTCD: Traffic Signing for Horizontal Curves**

The Federal Highway Administration estimates that fatalities at horizontal curves account for 25% of all highway fatalities, yet horizontal curves are only a small portion of the nation's highway mileage. The recently released 2009 Manual on Uniform Traffic Control Devices (MUTCD) includes new requirements, recommendations, and options for the use of traffic warning signs for horizontal curves to provide anticipated significant safety benefits to road users. This webinar will discuss the hierarchical approach for the selection and use of horizontal alignment warning signs, which include Turn, Curve, Winding Road, Chevrons, Large Arrow, and combination horizontal alignment/intersection signs. The specific requirements of the MUTCD for the use of these signs will be outlined, as well as recommendations that should also be followed.

Register at: <https://secure.asce.org/ASCEWebsite/Webinar/ListWebinarDetail.aspx?ProdId=149327767>

### **Renovation of Pre-Engineered Buildings**

The web seminar provides an overview of the challenges involved in renovating metal building systems safely and economically. After reviewing the framing systems used in the past, the seminar examines specific techniques of strengthening or replacing various structural building components. The discussion covers most elements that might need renovation, including primary framing, girts and purlins, roofing, and wall materials.

Register at: <https://secure.asce.org/ASCEWebsite/Webinar/ListWebinarDetail.aspx?ProdId=149327073>

## PDH Requirements for Wisconsin Professional Engineers

**Editor's Note:** This information was forwarded by our branch President, John Tsouflias. There are two attachments included with this information. Rather than add onto our already lengthy newsletter, I have attempted to attach them via PDF. Click on the icons below to open them. If my technological wizardry doesn't work I will resend them separately.

### **QUICK SUMMARY: WI PE's need 30 recorded PDHs/biennium or lose WI PE license...**

**(30 PDHs = 2 ethics PDHs + 13 interactive presentation PDHs + 15 additional approved PDHs)**

Professional Engineers in Wisconsin will be required to obtain 30 approved Professional Development Hours (PDHs) every biennium (2 years) beginning August 1, 2012. The first biennium will end on July 31, 2014. (Exception: New registrants shall not be required to comply with the continuing education requirements for the first renewal of registration) A PDH is a period of 50 minutes of actual instruction or participation in an approved educational activity. PDHs should be rounded down to the nearest half hour and reported in no less than half hour increments.

During each biennium, a minimum of 2 PDHs must be obtained in the area of professional conduct and ethics, and a minimum of 13 PDHs must be obtained via courses where the registrant interacts in real time in a traditional classroom setting, computer conferencing, or video conferencing where participants can interact with each other and the instructor. If a registrant obtains more than 30 PDHs in a biennium, a maximum of 15 of the excess PDHs may roll-over to the next biennium. Roll-over PDHs cannot be used to satisfy the 2 ethics PDH minimum or the 13 interactive course PDH minimum requirements. PDHs can be obtained through the following means:

- Engineering courses at an accredited school or college (semester = 45 PDHs; quarter = 30 PDHs).
- Short courses or tutorials offered through correspondence, DVDs, or the internet.
- Presenting or attending qualifying seminars, technical presentations, conferences, etc.
- PDHs for teaching/instructing a given course for the first time (multiply approved teaching PDHs by a factor of 2).
- Authoring published papers, articles, or books in your area of professional practice (5 PDHs granted in publishing year; 10 PDHs for peer-reviewed journals).
- Actively participating in professional societies (2 PDHs for participation as an officer or committee member per organization per year; maximum 4 PDHs per biennium).
- Attainment of a patent in area of professional practice (10 PDHs per patent).

A professional engineer who fails to meet the continuing education requirements by the renewal date may not engage in the practice of professional engineering until the registration is renewed. The professional engineer section may conduct random audits to ensure compliance. It is the PE's responsibility to maintain their records as follows:

- Maintain records in a log for a minimum of the 3 most recent biennia.
- Maintain a file of completion certificates or other documents supporting evidence of attendance for all reported PDHs.
- If a **course** (not a 1 hour presentation) was awarded Continuing Education Units (CEUs), convert CEUs to PDHs on log sheet. (1 CEU = 10 PDH)

Additional details and information can be found in the attached code section: Chapter A-E 13 Continuing Education for Professional Engineers. All engineers should read the 2 page document and understand what is required.



Chapter A-E 13.pdf



Professsional Development Hours Log.docx

## **Scholarship Golf Outing Wrap-up**

This year the outing raised \$7,735.00! This event is held to fund ASCE SE Branch Scholarships for deserving civil engineering students attending Marquette, UWM and MSOE.

As the saying goes, a bad day on the golf course is better than a good day at work. The outing took place on a beautiful day, Friday June 15th, 2012, at Ironwood Golf Course in Sussex, WI. It was followed by an unbelievably juicy grilled pork chop dinner from Bunzels. During dinner top teams and prize winners were announced.

### The top teams this year were:

1st place:

Scott Klienbans, Veolia  
Brett Coogan, Veolia  
Matt Dahlem, PSI  
Ken Wojtanowski, PSI

2nd place:

David Barndt, PSI  
Scott Kramer, Plunkett Raysich Architects  
Paul Koszarek, PSI  
Kevin Wahlgren, Wahlgren Schwenn

### Prize winners are:

Wrist Band Grand Prize, an iPad 3, was won by Matt Laufer of Kapur and Associates.

The Brewers tickets went to Brett Coogan of Veolia.

A \$100 cash prize was won by Scott Kramer of Plunkett Raysich Architects.

### The always fun golf ball toss winners were:

Tom Donaldson of Stoughton Utilities taking home \$175

Mary Beth Pettit of Graef receiving the \$50 Bartolotta's gift card

**Please mark your calendars for this event next year, taking place on June 14th, 2013.**

Last, but not least, a BIG thank you to all of the sponsors!

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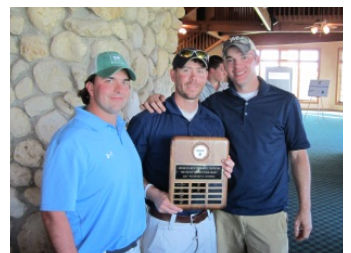
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#### HOSPITALITY CART SPONSOR:

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**STEM Forward Golf Outing**

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**Tuesday, August 14th, 2012**

Check In 7:00 a.m.

Shotgun Start 8:00 a.m.

Registration \$125 golfer / \$500 foursome

Includes continental breakfast, buffet lunch, 18 holes of golf (scramble format) with cart

Hole-in-One Contest, Putting Contest, Additional Hole Events and Raffle

**Wide variety of excellent branded SPONSORSHIP opportunities available. Contact Kiley Kurz at [kkurz@stemforward.org](mailto:kkurz@stemforward.org) for further information.**

**REGISTRATION AND SPONSORSHIP AT  
[HTTP://STEMFWDGOLF12.EVENTBRITE.COM](http://STEMFWDGOLF12.EVENTBRITE.COM)**

STEM FORWARD | 1300 W. CANAL ST. | MILWAUKEE, WI | 53233 | 414.383.2834 | [STEMFORWARD.ORG](http://STEMFORWARD.ORG)

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**'Get to Know Your Board' – Brian Tierney**

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We continue this series by getting to know Brian Tierney, Education/Student Affairs Director.

***Where did you go to school?***

In May 2009, I graduated with a Bachelor of Science in Architectural Engineering and a Master of Science in Environmental Engineering from the Milwaukee School of Engineering in Wisconsin.

***Do you have any hobbies?***

I enjoy playing all sports and currently play in the Milwaukee Ultimate Club (Ultimate Frisbee). I'm also a movie buff, and when I get the chance to go I love scuba diving and rock climbing.

***What is your favorite television show(s)?***

Fringe, Parks and Rec, How I Met Your Mother, New Girl, Big Bang Theory, The Walking Dead, and Game of Thrones.

***What is the highlight of the past year?***

The highlight of the past year would have to be the vacation my wife and I went on. We took a Mediterranean Cruise stopping in Italy, Greece, Malta, and Turkey. We were able to see many of the structures/cities I studied in school such as the Coliseum, The Acropolis, Pompeii, Venice, and Ephesus.

***What did you want to be when you grew up?***

I wanted to be either an Architect or Marine Biologist. As I grew older, my focus shifted to engineering. I ended up combining architecture and engineering with a degree in Architectural Engineering. Biology came back into the mix when I went for my Master's in Environmental Engineering.

***What is the best place that you have visited?***

My wife and I love to travel so it's hard to pick just one place, but I really enjoyed going to Fiji and Australia last year. It was always a dream of mine to go scuba diving on the Great Barrier Reef.

***A place you would like to visit before you die?***

I would like to get to Africa and Asia, especially Thailand.

***How did you get involved in ASCE?***

In college, I first became involved with ASCE's Student Chapter. After graduation, I became more involved by becoming an officer on the WISE Branch Board of Directors.

***What do you like best about ASCE?***

There are many volunteering opportunities that ASCE gets involved with such as the Future Cities Competition for middle school students.

***What advice do you have for ASCE members?***

Get involved in ASCE and the community. ASCE provides many opportunities for both networking and volunteering!

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**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. – 414.962.6578 – [bjg@spireengineer.com](mailto:bjg@spireengineer.com)**

Deadline for next issue is the first of the month.

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



Ralph Waldo Emerson

Our culture stems from a creative and challenging collaborative team approach to our work. We recognize that superior client service can only be provided by talented, energetic and motivated professionals. PEG will attract and retain top tier staff by maintaining a dynamic and challenging work environment, providing support and opportunity to excel and grow, and recognizing and rewarding outstanding performance.

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**ASCE Central Region YMC STEM Expo**

September 15, 2012, Milwaukee, WI.

**Sponsorship Form**Sponsorship Commitment

- ☐ Platinum Sponsor - \$2,000
- ☐ Gold Sponsor - \$1,500
- ☐ Silver Sponsor - \$1,000
- ☐ Exploration Station Sponsor only - \$200

Company Name: \_\_\_\_\_ Date: \_\_\_\_\_

Contact Information: \_\_\_\_\_

Will volunteers be participating from your company? ☐ Yes ☐ No

If yes, how many? \_\_\_\_\_

What size t-shirt? \_\_\_SM \_\_\_MED \_\_\_LRG \_\_\_XL \_\_\_XXL

Do you have an activity for your exploration station? ☐ Yes ☐ No

Do you have an age preference for your activity? \_\_\_\_\_

Electricity Required: ☐ Yes ☐ No

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- ☐ **No**, we are not interested in a table at the 2013 ASCE CRYMC STEM Expo on September 15, 2012, in Milwaukee, WI. However, we are interested in supporting the event with the following sponsorship:

Company Name: \_\_\_\_\_

- ☐ Goodie Bag Sponsorship
- ☐ Raffle Item Sponsorship

We will be donating: \_\_\_\_\_

- ☐ Champions of ASCE Wisconsin YMG - \$\_\_\_\_\_

*Please make checks payable to ASCE YMG*

Please mail by August 15, 2012, to:

Kenneth R. Mika

C/o Natural Resource Technology

23713 W. Paul Rd., Ste. D

Pewaukee, WI 53072