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2013-2014

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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

Recently at the YMG Brewer Game, I had the opportunity to talk with a few students about potential opportunities to get involved in ASCE. They had heard about the Younger Member Group and some availability in the ASCE institutes that might be well suited for a young engineer. As we talked, I realized that there are probably many others with in our organization that may not be aware of the differences and overlap of the geographical regions and the institutes.

As a member of the Southeast Branch, you are also a member of the Wisconsin Section, Region 3, and Central Geographic Region. These designations are all based on our geographic locations. Branches, Sections, Regions, and Geographic Regions offer local programs and meetings that are not specific to a discipline. Institutes are nationally based and offer specific programming by discipline. The institutes are:

- Architectural Engineering Institute
- Coastal, Oceans, Ports and Rivers Institute
- Construction Institute
- Engineering Mechanics Institute
- Environmental and Water Resources Institute
- Geo-institute
- Structural Engineering Institute
- Transportation and Development Institute

Our Wisconsin Section is working on establishing local institute chapters which would combine the geographic location and specific disciplines. In the past, these groups were referred to as the technical committees. A combination of students, younger members and well established engineers make the best committees and institutes. Different perspectives can lead to new innovative ideas. If you are a student, YMG, or seasoned professional I encourage you to look into the institutes.

More information on institutes at the national level can be found at: <http://www.asce.org/Technical-Groups-and-Institutes/Institutes/>

Local contacts:

<http://www.ascewi.org/technical-committee-chairs/>

There are many ways to get involved in your ASCE groups. Many of these opportunities take only a small portion of your time. For those that need continuing education, there are PDHs available for participating in your professional society. If you would like more information about how to get involved please contact me, I will be more than happy to help find a committee, institute or board for you to be a part of!

Sincerely,

Bridget Schuh Henk, P.E., LEED AP

Bridget.henk@graef-usa.com

April Lunch Meeting

Article By: Bridget (Schuh) Henk

The May Lunch meeting plans are in the works! Watch your emails for an announcement with the details in the very near future. If you have a topic you are interested in hearing about at future meetings, or one that you would like to present please contact ascewise@gmail.com. Our programs and meetings team would be glad to have your input.

STEM Expo

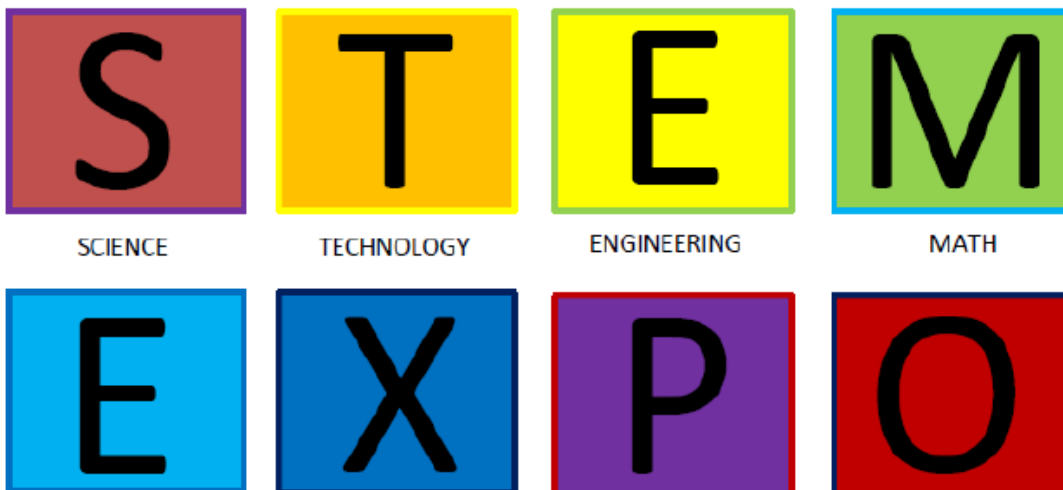
Editor's note: See promotional flyer mentioned below at the end of the newsletter.

Article By: Bridget (Schuh) Henk

It is with great pleasure that I can announce that the STEM Expo will be held on **October 25, 2014** at the MSOE Kern Center! Kyle Bareither and I are very excited to co-chair this event and bring Science, Technology, Engineering and Math to another generation in a fun and entertaining way. Our first promotional flyer is included as part of the newsletter. Please share among your office and kids schools!

We are looking for committee members to help with the planning. So far we have several that are taking smaller roles and we need a few more to do the same. The commitment would be less than an hour or two a month (depending on the task). I know there are several people out there that could be of great assistance to our committee. You DO NOT need to be a Younger Member. Many of the planning committee tasks do not require attendance at the monthly meetings; these are intended to be monthly progress updates.

The next committee meeting will be **May 21, 2014 at 5:30 PM** at Natural Resource Technology (234 West Florida Street, 5th floor). We do plan to order dinner so please let Bridget know if you are attending. (bridget.henk@graef-usa.com)



2014 Scholarship Golf Tournament

Editor's Note: You can find the promotional flyer and registration form at the end of the regular newsletter.

Article By: Paul Koszarek



“Fore” those of you that need proof that sponsoring a golf tournament is a good thing, I give you this:



In all seriousness, we again have had our sponsors step up to the first tee and hit one 300 yards right down the middle. Thank you to all those companies who have confirmed their sponsorship of our tournament so far. We still have exclusive sponsorship openings so head to our new Constant Contact registration site at <http://www.ascewise.org/golf-outing/> to reserve your desired sponsorship before they are taken.

As the outing approaches, we will also be needing companies to donate golf balls, tees, trinkets, etc. for use in our goodie bags. With all of your support, we will again provide the most fun, best outing you will attend all year all while providing scholarships to deserving Civil Engineering Students at UWM, MSOE and Marquette University.

If you have questions, contact me, Paul Koszarek at paul.koszarek@psiusa.com.

Director at Large – Student Affairs/ Education

Article By: Nick Spitzer

There is an open position to be a Director at Large on the ASCE WI SE Branch Board that is a representative for the Student Affairs / Education Committee. The responsibility that comes with this position is to report back to the Board of Directors about changes that occur at the 3 student chapters in the Branch (UWM, Marquette and MSOE), communicate with the Practitioner Advisors, coordinate with the YMG Student Chapter Liaison to accompany them to chapter meetings to talk about upcoming events, and to be the boards eyes and ears as far as the students/educators for problems, programs and suggestions. This is a 2 year commitment that will begin in September 2014. If you are interested in this position, please contact a current board member whom is listed on the ASCE WI SE Branch website.

YMG Brewers Tailgate Party Wrapup

Article By: Chad Shihata

For the 13th Annual Brewers Tailgate Party, ASCE had a great turn out of YMG members from multiple branches and students from five different chapters. With a sunny afternoon, all you could eat and drink and to top it off a win over the Chicago Cubs, you couldn't have asked for a better day at Miller Park. The tailgate was held in our own private tailgate area with enough room for 160+ people to spread out and socialize thanks to a donation by the SE Branch. A big thank you to all the YMG and student chapter members that help make this possible and make this feel more like fun than work.



Public Information Chair

Article By: Nick Spitzer

There is an open position as the Public Information Chair for the ASCE WI SE Branch Board Public Information Committee. The responsibility that comes with this position is to proofread newsletters before they are distributed to the public, proofread content on the website, coordinate job ads for the newsletter and website, work with the requests that come in from companies and other societies to add events and links to the current website. This is a 2 year commitment that will begin in September 2014. If you are interested in this position, please contact a current board member whom is listed on the ASCE WI SE Branch website.

Wisconsin PE PDHs needed by July 31

Article By: Brian Genduso

As many of you know, Professional Engineers registered in Wisconsin need 30 continuing education credits every two years. The first biennium will end on July 31 of this year. Because this deadline is coming up quickly, we are reprinting a summary which was compiled by former Branch President, John Tsouflias.

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.

Free Continuing Education Credits from ASCE

Editor's Note: In light of the article above, here is some information on obtaining free CE credits through ASCE.

Are you taking advantage of free eLearning Webinars?

As an ASCE member, you have free access to live and archived eLearning Webinars – **each a \$249 value** – that will help you enhance critical career skills in areas including professional and leadership development, technical interests, and many other areas. Developed by experts in their respective fields, ASCE's live eLearning webinars are held throughout the year, plus many are archived for access at your convenience. Check the schedule and the archive.



<http://www.asce.org/Member-Benefits/ASCE-eLearning-Webinars>

'Get to Know Your Board' – Kyle Bareither

Throughout the year, we continue this series by getting to know Kyle Bareither, Treasurer for the Southeast Branch Board of Directors, Young Members Group.

Tell us about yourself: Well, I grew up on the south side of Chicago with three brothers, of which I am the youngest. I love to volunteer my time and work with the Leukemia & Lymphoma Society and Imerman Angels out of Chicago when I am able to. I also am a morning person and love a good, strong, cup of coffee.

Where did you go to school? Michigan Technological University (Houghton, MI)

Do you have any hobbies? I do! Sports have always been a big part of my life since I was little. I still play hockey every weekend, and play soccer, softball, frisbee golf and volleyball whenever the opportunity presents itself. I also love to golf as much as possible, when weather permits. I am also a Volkswagen enthusiast, currently on my third one, and have never owned an automatic car. Lastly, I love to fish. I fish up in the Three Lakes area often and usually make it up to Canada every couple of years for some good walleye fishing.

What is your favorite television show(s)? Some of my favorite shows are The Simpsons, Law & Order, Lost, Prison Break, Breaking Bad, Weeds and pretty much any documentary.

What is the highlight of the past year? My highlight this past year was going to Austin, TX for the Le Mans races in September. I flew into Houston and met up with a college friend and we took his 2008 LS3 Z51 (C6) Corvette to the races, followed by a river float the following day. It was a great vacation.

What did you want to be when you grew up? I wanted to be a professional athlete, preferably hockey or soccer.

What is the best place that you have visited? The best place I have visited is definitely Isle Royale out in Lake Superior. My parents took me for my graduation present and it was absolutely amazing. I definitely plan to make another trip back there.

A place you would like to visit before you die? New Zealand. I would love to go see some of the areas where Lord of the Rings was filmed, and hopefully snorkel the Great Barrier Reef while I'm down there.

How did you get involved in ASCE? A colleague/friend of mine (Kenneth Mika) got me interested and the rest is history. I had always had an interest in joining a professional society; I think I just needed a little push.

What do you like best about ASCE? My favorite part about ASCE, are the outreach activities. I love the aspect of using large groups to aid others who may not be able to do something/obtain something themselves, in addition to passing along knowledge about the profession to students in the area.

What advice do you have for ASCE members? You can do as much or as little as you want. But, I will say that the more you do the more amazing people you will meet, in addition to some very unique opportunities. Also, just remember that this is not your career. Have patience and respect opinions when on committees and boards, we already have a full time job ☺.

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.

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

NATURAL RESOURCE TECHNOLOGY

CHICAGO, IL • EAST LANSING, MI
MILWAUKEE, WI

CAREER OPPORTUNITY

CAD TECHNICIAN

MARCH 2014 MILWAUKEE

**TECHNICAL EXCELLENCE,
INNOVATION,
DYNAMIC TEAMWORK**

Natural Resource Technology, Inc. (NRT) delivers solutions for the development, management, restoration, and sustainability of our natural resources.

NRT is an employee-owned, diverse, and growing environmental consulting organization that is unique in our commitment to our greatest asset, our human resources, and the power of our shared vision. We offer career advancement opportunities that reward energetic individuals who contribute to our success in exceeding our client's expectations. NRT fosters career advancement with management guidance and technical training that enable our team members to manage, enhance, and accelerate their career development.

Submit resumes at:
<http://www.hirebridge.com/v3/jobs/list.aspx?cid=6956>

Contacts for Questions:
Becky Caudill, HR Manager
234 W Florida, Fifth Floor
Milwaukee, WI 53204
414.837.3580
rcaudill@naturalrt.com

www.naturalrt.com

Natural Resource Technology, Inc.
is an Equal Opportunity Employer

Natural Resource Technology, Inc. (NRT) is seeking a qualified CAD Technician to join our Mapping Team. This is a great opportunity to work on environmental remediation projects independently and collaborate with our talented teams of Engineers and Scientists. As a CAD Technician, you will prepare detailed drawings sets for permitting, bidding, construction, and documentation. The ideal candidate will work efficiently with quantity take-offs and site grading. Moreover, the position will be required to manage and communicate project deadlines by working with Project Managers and Administrative staff to complete work on time and on budget.

NRT is an environmental consulting firm serving both private and public sector clients. NRT's staff includes nationally recognized experts in environmental fields such as: contaminated sediment management, site remediation technologies, and coal combustion product management. Our continuing success is founded on the relationships we build with our clients and on our ability to attract and retain highly talented engineering, scientific, and business professionals with a shared vision: smarter solutions, exceptional service, value.

Essential Position Functions:

- Work closely with Project Engineers and Project Managers to obtain project information and ensure project plan sets and documents are accurate and complete
- Develop drafting and design solutions by preparing maps or engineering drawings through computer aided drafting
- Compile drawing representing various engineering features such as graded terrain, utilities, material stockpiles, open pits, channels, ponds, and other surface features.
- Support cost/quantity estimates and design calculations as requested. May assist in report writing
- Responsible for product quality control and adherence to company CAD standards and procedures
- Utilize problem-solving skills with the ability to identify and present alternative solutions
- Ability to proactively manage schedules and apprise team members on work schedule and status
- Provide technical guidance to project design team for completing environmental and remedial designs and layouts

Preferred Qualifications:

- Comprehensive knowledge of AutoCAD 2012 or later versions preferred
- Knowledge of AutoCAD Civil 3D a plus
- Technical training, Associate or Bachelor Degree in a related area
- MS Office knowledge (Excel required, Access a plus); familiarity with Adobe Acrobat Professional
- Civil/Environmental engineering experience desired (e.g., grading, utilities, landfills, construction documentation, bid packages)
- Ability to communicate professionally and work with staff in multiple offices to develop and maintain drafting standards

Position: CAD Technician
Position Location: Milwaukee, WI
Position Start: April, 2014
Position Classification: Hourly (Non-Exempt) Full-time



2014
ASCE SE BRANCH
SCHOLARSHIP
GOLF TOURNAMENT
FRIDAY, JUNE 13, 2014

10:30AM SHOTGUN, IRONWOOD GOLF COURSE, SUSSEX, WI



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LUNCH, DINNER, DRINK TICKETS, RAFFLE PRIZES, ON
AND OFF-COURSE GAMES FOR MORE PRIZES:

GRAND PRIZE: APPLE IPAD

VISIT WWW.ASCEWISE.ORG FOR MORE
INFORMATION AND TO REGISTER

American Society of Civil Engineers SE Branch Scholarship Golf Tournament



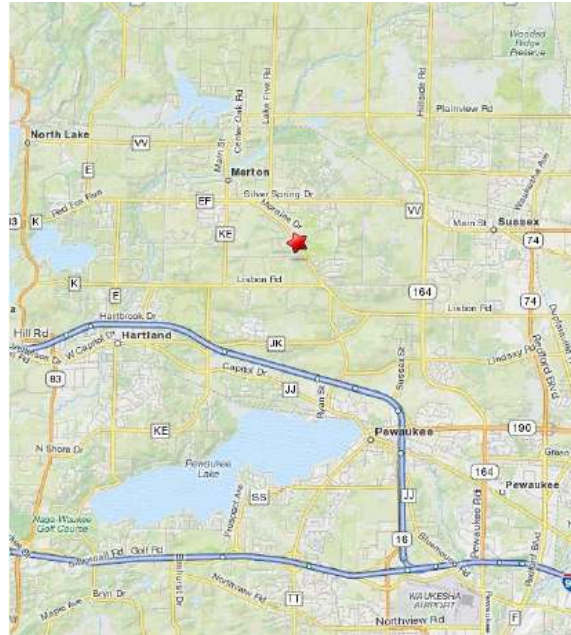
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Friday, June 13, 2014

Ironwood Golf Course
W270 N6166 Moraine Drive
Sussex, WI

www.ironwoodgolfcourse.com



Ironwood Golf Course
W270 N6166 Moraine Drive
Sussex, WI

Directions from Milwaukee—west on I-94, take Hwy 16 West toward Pewaukee, exit 186 for County Rd KF, turn right on KF, take slight left on County Rd K, continue straight onto County Rd MD, course on right hand side of Moraine Drive

Directions from Madison—east on I-94 toward Milwaukee, exit 287 for Hwy 83 N, turn left and head north to Hwy 16, merge onto Hwy 16 E, exit 184 for Jungbluth Rd and head north toward Hwy K, turn right at Hwy K, turn left at Co Rd MD, course on right hand side of Moraine Drive

Directions from Fond du Lac—south on US 41, exit WI-60 and turn right to Hwy 164 S, head south on Hwy 164, turn right at Plainview Rd, turn left at Lake 5 Rd, turn left at Co Rd MD, course on left hand side of Moraine

American Society of Civil Engineers SE Branch Scholarship Golf Tournament

Format: 4-person scramble

_____ Individual golfer - \$95 (Please include me with _____)

_____ Twosome - \$190 (check attached)

_____ Threesome - \$285 (check attached)

_____ Foursome - \$380 (check attached)

To pay with a credit card online please go to <http://www.ascewise.org/golf-outing/>

Click on the PayPal “Add to Cart” link under the golf tournament heading to process payment. Please submit registration names covered under PayPal payment to Paul Koszarek via email.

Registration Deadline is June 4, 2014.
Space is limited.

Make checks payable to: **ASCE-SE BRANCH**

Return with payment to:
Paul Koszarek

Professional Service Industries, Inc.
W237 N2878 Woodgate Road - Suite 2
Pewaukee, WI 53072
(262) 347-0898 (phone)

Email: paul.koszarek@psiusa.com

Golfer #1: _____
 Company Name: _____
 Address: _____
 City/State/Zip: _____
 Phone: _____
 Email: _____

Golfer #2: _____
 Company Name: _____
 Address: _____
 City/State/Zip: _____
 Phone: _____
 Email: _____

Golfer #3: _____
 Company Name: _____
 Address: _____
 City/State/Zip: _____
 Phone: _____
 Email: _____

Golfer #4: _____
 Company Name: _____
 Address: _____
 City/State/Zip: _____
 Phone: _____
 Email: _____



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American Society of Civil Engineers SE Branch Scholarship Golf Tournament

**Friday, June 14, 2013
 Ironwood Golf Course
 W270 N6166 Moraine Drive
 Sussex, WI**

Registration includes green fees and cart, locker room facilities, driving range w/ range balls, hole events, prizes, raffle, two beverage tickets, lunch, hors d'oeuvres, dinner, and dessert.

Schedule

9:00 am	Registration Driving range and putting green open Putting contest Lunch ticket provided
10:30 am	Shotgun start
3:30 pm	Cocktails (cash bar) & hors d'oeuvre at outdoor reception area "Bounce a ball" contest for cash prizes
4:30 pm	Dinner banquet awards & raffle

**Registration Deadline is June 4, 2013.
 Space is limited.**

For more information, please contact Paul Koszarek at (262) 347-0898 or paul.koszarek@psiusa.com

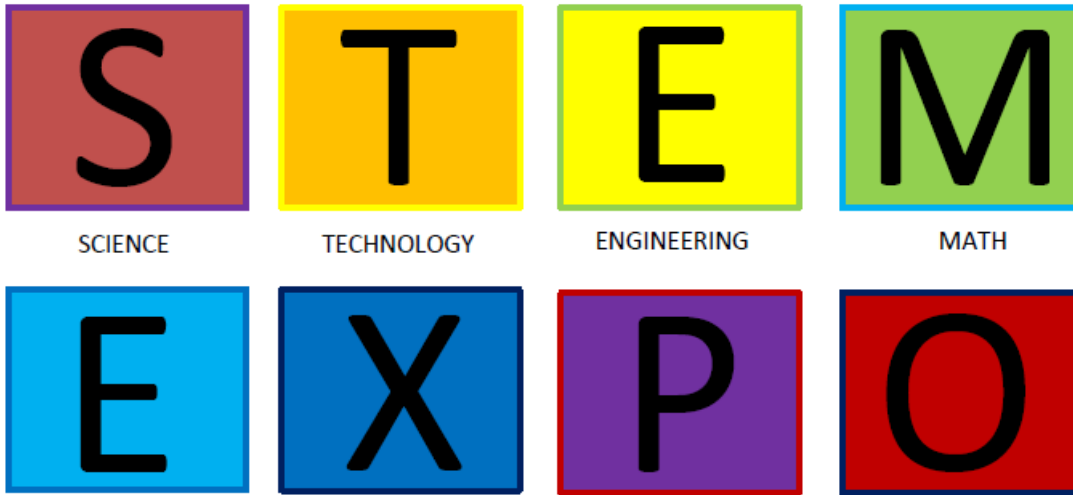
On behalf of the Southeast Branch of the Wisconsin Section of the American Society of Civil Engineers (ASCE), we would like to invite you and your clients to participate in the ASCE Southeast Branch Scholarship Golf Tournament. Each year, the Southeast Branch provides scholarships to deserving civil engineering students from Marquette University, the Milwaukee School of Engineering (MSOE), and the University of Wisconsin - Milwaukee (UWM). Selected from dozens of applicants, one student from each of the three schools is honored with a \$2,000 scholarship and a fourth student from one of the three schools is provided with another \$2,000 scholarship.

To maintain the ability to award the scholarships, we are looking forward to a successful fundraising golf tournament with your help. Last year, we raised an amazing \$8,000 for the scholarship fund. There are numerous ways for you to contribute to a great cause through participation in the day's events. Proceeds from the golf tournament will go to support the ASCE Wisconsin Section Southeast Branch Scholarship Fund.

On behalf of the Southeast Branch, we would like to thank you in advance for your generous support.

ASCE Golf Outing Committee





October 25, 2014, 11AM TO 3PM

Milwaukee School of Engineering - Kern Center

1245 North Broadway Avenue, Milwaukee

Discover the world of Science, Technology Engineering and Math at the Exploration Stations at the STEM Expo! Activities are geared for ages 6-18 and include college representatives and volunteers from area college programs as well as STEM professionals. Bring your questions and be prepared to get a little messy!

Exploration Stations include: Build and Race a Rubber Band Car, Concrete Floats, Toy Chemistry, Traffic Trivia, Lego Tower Building and much, much more. Check our website for an updated list of events.

<http://www.ascewise.org/stem-expo/>



- The first 100 kids to attend will receive a goodie bag of prizes from the sponsors
- Food Trucks will be on site during lunch
- There will also be a raffle for the adults at 2:45

If you are a company looking to get involved in the Exploration Stations, please contact Bridget Henk (Bridget.Henk@graef-usa.com) or Kyle Bareither (kbareither@naturalrt.com) for more information. ASCE is a tax exempt 501(c)3 Non-profit organization.

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