American Society Of Civil Engineers - Wisconsin Section

SOUTHEAST BRANCH NEWS

Civil Engineers — Designers and Builders of the Quality of Life

April 2012

BOARD OF DIRECTORS 2011-2012

President
John Tsouflias, P.E.
262-784-7690
jtsouflias@ati-ae.com

President-Elect Robert Martin, P.E. 414-847-0425

Past President
Justin M. Arndt, P.E.
414-220-5435

Secretary Nick Spitzer, E.I.T. 414-410-6754

Treasurer
Elizabeth A. Gruell, P.E.
414-203-2910

<u>Directors</u> **Eric W. Bahner, P.E.** 414-769-3120

Brian Tierney, E.I.T. 262-784-7690

Jared Wendt, P.E. 414-847-0487

YMG Director Bridget M. Schuh, P.E. 414-751-7248

Website: www.ascewise.org

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

Happy April everyone. Winter seems to be long gone and warmer weather is upon us. Usually, there's still snow everywhere. But hey, I'm not complaining!

March 2nd was the Annual Rube Goldberg Machine Contest, hosted by STEMForward. Annually, ASCE sponsors the "Most Rubelike Machine." This year's winner of the award is Antigo 100% Ice. Kimberly High School won this year's competition with their "Up" themed machine. They also participated in the National competition at Ferris State University. Our congratulations to the winners.

March 15th was the Annual ASCE Spring Technical Conference at UW-Madison Union South. Thanks to all who attended.

We are working on April's meeting. Keep watching for more details.

And finally, we are working to revamp our website. We realize that the website is such an important tool for you to follow the happenings of the branch. Therefore, we are working diligently to reconfigure our website so that information that you need is easily available. Keep watching the newsletter, we'll inform you when the new website will go live.

As always, please contact me at 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.

Classroom Outreach

Volunteers needed for "Discovery Day"

ASCE has been invited to participate in Discovery Day at Christ King school in May. Read below for more information and contact Jeremy Hinds at jhinds@bloomcos.com to volunteer.

What is Discovery Day?

Discovery Day is Christ King's version of a high interest day. It is a day when the usual classes are put aside and guest presenters are invited to school to share their stories, talents and expertise. We like to think of it as a fieldtrip without the bus ride.

What is Christ King School like?

Located in Wauwatosa, Christ King School is a Catholic grade school with approximately 450 students in grades K4 through 8th grade. Discovery Day is an opportunity to introduce the students to a variety of interesting topics ranging from the fine arts to the martial arts. Arts and crafts, science experiments, amazing stories, cooking classes, dance and acting lessons and trying a new sport are just a sample of the many presentations we have enjoyed in recent years.

Our aim is to plan enough variety to appeal to each age group and to plan a good mix of participatory vs. observation activities. Our youngest students are assigned to their classes for the day. Our older students choose their classes from a menu of offerings.

E-Week Outreach

Members from the branch helped educate and inspire students at three elementary schools during Engineers Week at the end of February. Below is a note of thanks from a principal at one of the schools, along with a few photos.

Thank you for your sharing your time and talents with Cooper's third graders last month!! I heard such wonderful things about youthe students really enjoyed their experience.







Younger Member Group

Attention all Branch members:

YMG events are open to everyone. We know there is a stigma when the term "YMG" is used that you have to be under 35 years of age to participate, but that is not the case. The YMG encourages members over 35 to participate in its outreach and social events to help increase networking between YMG members and non-YMG members.

So please take advantage of the many wonderful activities the YMG leadership team organizes!

Outreach Events

Future outreach event information is listed below.

- US Grant– April 18th Time TBD
- Prairie Elementary April 25th 1:15-3:15 pm
- Rufus King April 27th 9:30-10:30 am
- St Matthews May 9th , 1:00-2:00 pm
- Roosevelt Elementary May 18th, 2pm 3pm
- US Grant– May 30th, 1:00-2:00 pm

Please contact Sarah (<u>ssanfilippo@emcsinc.com</u>) or Andrea (<u>andrea.bonell@clarkdietz.com</u>) to sign up or to request more information on the events.

April Social Event: Milwaukee Brewing Company

Join us for one of the best brewery tours in town at the Milwaukee Brewing Company!

We have a tour scheduled for 7:15pm Friday April 13th. Cost of getting a group tour is \$10 per person, but if you can prove you took the PE that day, we'll knock the price down to \$8. The price includes a MKE Brewing Pint glass, Beer (lots of it) and a token for more beer.

Please RSVP by Sunday April 8th so we can let the Brewery know how many people they will need on staff to fill our pints! <u>If you RSVP</u>, you will be responsible for reimbursing YMG for the cost of each ticket you request on E-vite.

Contact Ann Thielmann at acthielmann@gmail.com for more information or questions.

May Social Event: Brewers Game

Join us at Miller Park to watch the Milwaukee Brewers take on the Chicago Cubs on Friday, May 11. The plan is to start tailgating at 4:00 pm and then head into the park for a 7:05 pm start. An E-vite will be sent out in the coming weeks.

Contact Ann Thielmann at acthielmann@gmail.com for more information or questions.

ASCE Scholarship Golf Outing – Call for Sponsors

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

What a great week for us golfers; though it has been spring around here for a while, it's just something about this week when you start to smell the fresh cut grass and the golf courses seem even greener. Why you say, of course it is Masters Week. Can Rory reaffirm his #1 world ranking? Can Phil pull even with Tiger and Arnold Palmer to get his fourth green jacket? Will Tiger be able to finally put his past in the past to become the only golfer since Jack Nicklaus to win his fifth Title? Best of all, can all three of them be in the running on Sunday? What anticipation.

Once again, the ASCE SE Branch Scholarship Golf Tournament Committee and our returning Event Sponsors Ground Improvement Engineering (Formerly Geopier Midwest) and Foundation





Services Corporation would like to have your support for this year's event. Last year, we raised an amazing \$7,000 for the Scholarship fund. With your help, I know we can beat that again this year. Remember, all of our proceeds go to fund the Scholarships for Civil Engineering Students of UWM, MSOE and Marquette. By Sponsoring the event, you are making an investment in the future talent pool for all of your companies and the industry as a whole.

Please see the attached sponsorship form or contact me, Paul Koszarek at paul.koszarek@psiusa.com for more information. As in past years, all of our sponsorship levels are available on our PayPal link. This will make it possible to pay for any sponsorship with a credit card if you choose. The PayPal link can be found at http://younger.asce.org/wisconsin/, just click on the "CLICK HERE FOR MORE INFORMATION" link under our logo to take you to the payment section.

It is very early in our fund raising efforts but we would like thank those companies who have already pledged their sponsorship to the event this year including:

Event Sponsors: Ground Improvement Engineering (Formerly Geopier Midwest) and

Foundation Services Corporation (Filled)

Dinner Sponsors: Natural Resource Technology, Hayward Baker and R.A. Smith

National(Filled)

Lunch Sponsors: (2 still available)

Hors D'Ouevre Sponsor: (Two Available)

Wrist Band Sponsor: (ONLY ONE AVAILABLE-will have company logo and provided to

participants)

Scorecard Sponsor: HGA (Filled)

Beverage Cart Sponsors Collins Engineers (1 still available)

Hole-in-One Sponsors: (2 available)

Golf Cart Sponsor: Berghammer Construction Company (Filled)

Ball Washer Sponsor: (ONLY ONE AVAILABLE)
Driving Range Sponsor: (ONLY ONE AVAILABLE)

Putting Green Sponsors: Himalayan Consultants (One Still Available)
Hole Sponsors: Foundation Support Works of Wisconsin, CORRE, (multiple available)
Raffle Prize Sponsors: donations needed including company logo balls, tees, shirts, trinkets for goodie bags and raffle prizes

Start getting your foresomes together now. The best golf outing you will play in all summer with the most fun, food, and prizes will occur on Friday, June 15, 2012 at Ironwood Golf Course in Sussex, WI. For more details, visit http://younger.asce.org/wisconsin/.

Some photos from last year's outing:







Rube Goldberg Machine Contest

Once again ASCE members helped judge at the 2012 Rube Goldberg Machine Contest. The branch sponsored the "Most Rube Like" award, which was one by team Antigo "100% Ice", see picture below.

Thanks to Elizabeth, Tom, Matt and Bridget for volunteering!



Continuing Education Opportunities

Renovation of Masonry Facade

Structural engineers rarely study masonry facade behavior and problems in engineering schools, and must educate themselves in order to discuss these issues on an equal footing with the architects. The purpose of this web seminar is to help the engineers in this endeavor by providing an introduction to the subject. Based on the instructor's design and forensic experience, the participants will learn the basics of recognizing masonry facade problems, understanding their origins, and fixing them in that order. The discussion of various methods of repair, including replacement where needed, is included.

Register at: https://secure.asce.org/ASCEWebsite/Webinar/ListWebinarDetail.aspx?ProdId=149312178

Elevating Wood Framed Structures

This webinar provides technical information on how to apply environmental loads to an elevated foundation and to consider the existing foundation type and location in the application of the loads. The material has been developed in a way that assumes minimal knowledge of floodplain construction requirements and basic knowledge of applying environmental loads to buildings. The requirement to elevate an existing building could be driven by the need to elevate a building located in the floodplain or simply to get the building out of a damp condition which is causing deterioration. The building foundation and new support system are important and these topics will be covered in this webinar. The impact of multiple environmental loads such as wind, flood, and earthquake on elevation requirements will also be covered.

Register at: https://secure.asce.org/ASCEWebsite/Webinar/ListWebinarDetail.aspx?ProdId=149311069

2012 Annual Meeting – Committee Positions Available

The Southeast Branch is organizing the ASCE-Wisconsin Section-2012 Annual Meeting and is looking for members to serve on the planning committee. Exact date to be determined, but the event will take place on a Friday in September 2012. The planning committee is looking for five to seven members to serve as leaders in the planning and organization of the 2012 Annual Meeting.

If you would like to volunteer for one of these positions or would like to learn more about helping with this event, please contact Brian Tierney at bltierney@ati-ae.com.

Best Jobs in the US - Where CE ranked

US News & World Report just came out with their list of the best jobs in the US over the next decade. Civil engineering was ranked 26th, the highest ranking of any of the engineering professions. The following info was passed along by Frank Mahuta, Associate Professor at MSOE.

The Rundown:

Take a look around your community, and you'll see the work of civil engineers everywhere — from buildings and bridges to roads and reservoirs. These professionals perform essential roles that keep our society humming, including designing and overseeing the construction and maintenance of buildings and infrastructure such as highways, tunnels, rail systems, airports, and water supply and sewage systems. There are dozens of career paths in this field, so depending on your training, skills, and interests, you may end up designing and building skyscrapers or studying traffic patterns to find optimal ways of controlling the flow of cars. This field's specialties include architectural, structural, transportation, traffic, water resources, and geotechnical engineering. You may choose to work for a state or local government, or perhaps in the private sector at a consulting or construction firm. Some civil engineers go into supervisory or administrative positions, while others pursue careers in design, construction, or teaching.

The Outlook:

The Bureau of Labor Statistics projects 19.4 percent employment growth for civil engineers between 2010 and 2020. During that time period, about 51,100 jobs will need to be filled. The promising outlook for civil engineering led this profession to claim the No. 26 spot on the 2012 list of Best Jobs.

Money:

According to the Labor Department, civil engineers made a median salary of \$77,560 in 2010. The highest-paid 10 percent in the profession earned \$119,320, while the lowest paid earned \$50,560 that year. The most highly compensated positions are within the commercial and industrial machinery/equipment repair and maintenance industry, and the highest-paid positions can be found in Lafayette, La., Salinas, Calif., and the Riverside- San Bernardino-Ontario, Calif., area.

Civil Engineer Salary Range:

75th Percentile Wage: \$97,990 Median Wage: \$77,560

25th Percentile Wage: \$61,590

'Get to Know Your Board' - Ken Mika

We continue this series by getting to know Ken Mika, YMG Vice President.

Where did you go to school?

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

Do you have any hobbies?

My hobbies are working out, playing ice hockey, trying different craft beers, and spending time with my dogs.

What is your favorite television show(s)?

I am not a big fan of television.

What is the highlight of the past year?

The top highlight was getting engaged. My second highlight was a kayaking adventure at night in a bioluminescent bay in Puerto Rico for my birthday.

What did you want to be when you grew up?

Never really knew what I wanted to be growing up. I gravitated towards civil engineering because of various jobs I had in high school.

What is the best place that you have visited?

It's a toss-up between Old San Juan or Alaska.

A place you would like to visit before you die?

Costa Rica

How did you get involved in ASCE?

I got involved in ASCE after college to meet new people and to network.

What do you like best about ASCE?

I really enjoy the networking, social, and outreach activities.

What advice do you have for ASCE members?

Try to be involved with ASCE as much as possible. You don't know what opportunities you are losing out on by not being involved..

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. – 414.278.3443 – bgenduso@hga.com Deadline for next issue is the first of the month.

American Society of Civil Engineers SE Branch Scholarship Golf Tournament



Friday, June 15, 2012

GROUND IMPROVEMENT

Ironwood Golf Course W270 N6166 Moraine Drive Sussex, WI 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 firm 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 \$2000 scholarship.

The Southeast Branch is asking for your support in helping to continue this valuable tradition and building off the success of last year's golf tournament where over \$7,000 was raised. We are looking forward to the continued support of engineering companies, contractors and others involved in the local engineering community in the form of sponsorships for the golf tournament. There are numerous opportunities for your firm to help out. Proceeds from the golf tournament will go to support the ASCE Wisconsin Section Southeast Branch Scholarship Fund. THIS IS A DOUBLE SPONSORSHIP OPPORTUNITY, AS ALL SPONSORS FOR THE GOLF OUTING WILL ALSO RECEIVE RECOGNITION AT THE 2013 SCHOLARSHIP DINNER.

If you have interest in providing sponsors or donations, please contact us as soon as possible. Early sponsorship allows us to include you in upcoming event brochures and marketing.

On behalf of the Wisconsin Section of ASCE, we would like to thank you in advance for your generous support.

-ASCE Golf Outing Committee

American Society of Civil Engineers

Founded in 1852, the American Society of Civil Engineers represents more than 139,000 civil engineers worldwide and is America's oldest national engineering society.

Mission - To provide essential value to our members, their careers, our partners and the public by developing leadership, advancing technology, advocating lifelong learning, and promoting the profession.

Reaching out as a society - When disaster strikes, ASCE is there to help. ASCE sends technical expertise and resources around the world to assist rebuilding civilization after the devastation caused by tsunamis, hurricanes, earthquakes and more.

In 2009 also brought about the latest edition of Report Card for America's Infrastructure http://www.infrastructurereportcard.org/. The Report Card grades the current condition of 15 infrastructures areas vital to the America's everyday life. This report shows many of the infrastructures are in very poor condition.

Reaching out in Wisconsin –ASCE members throughout the state are very active in outreach programs and community service projects. Some of these programs and projects include classroom visits to first graders thru high schoolers to promote learning and engineering, Habitat-for-Humanity, Adopt-A-Highway, Honey Creek Clean-up, and bell ringing for the Salvation Army to name a few.

SPONSORSHIP PACKAGES

All packages include:

- Acknowledgement in all golf outing marketing
- Acknowledgement in outing program and during the awards

Event Title Sponsors

\$2.000(Filled)



\$600

(Two available)

- Two golf spots with lunch and dinner included
- Sign prominently displayed during the lunch

Dinner Sponsor

\$600 (Filled)





Wrist Band Sponsor

\$500

(Only One Available)

- Company name and logo included on wrist band to be sold to participants in bonus prize events, including logos at each wrist band prize hole

Beverage Cart Sponsor

\$250 (One Still Available)

- Sign prominently displayed on the beverage cart

Ball Washer Sponsor

\$250

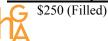
(One Available)

- Sign prominently displayed at all ball washers on course

Golf Cart Sponsor



Scorecard Sponsor



Event Brochure Sponsor

\$250

(One Available)

- Logo prominently displayed on each page of Event Brochure given to each participant

Hole-In-One Sponsor

\$250

(Two Available)

- Sign prominently displayed at Par-3 hole -in-one challenge hole

Hors D'Oeuvre Sponsor

(Two Available)

-Sign prominently displayed during hors d'oeuvres

Driving Range Sponsor

\$150

(One Available)

- Sign prominently displayed on the driving range

Putting Green Sponsor

\$150(One Still Available)



- Sign prominently displayed on one of the putting greens

Hole Prize/Hole Sponsor

\$150 (hole prize sponsor)-\$125 (hole sponsor)

Foundation Support Works of Wisconsin, CORRE

- Sign prominently displayed on hole
- Encouraged to provide staff at the hole tee box
- -Hole Prize Events to include multiple Longest Drive, Longest Putt. Shortest Drive. Closest to the Pin on Par 3's. Closest in 2 on Par 4's, Closest in 3 on Par 5's)

Goodie Bag and Raffle Sponsors

- Contribute company branded items such as golf balls, tees, towels, snacks, etc. to be included in goodie bag provided to participants

Raffle items: Tickets (sporting events, theater, museums, airline, zoo, amusement/water parks), gift certificates, car washes, oil changes, charter fishing, hotel stays, dinners.



American Society of Civil Engineers

SPONSORSHIP ENTRY FORM

Sponsorship Option:

Sponsorship Option.
We will also donate the following item(s):
Contact Information
Company:
Name:
Address:
City, State, Zip:
Phone: ()
E-mail:

To sponsor with a credit card online please visit http://vounger.asce.org/wisconsin/

Make checks payable to: ASCE-SE BRANCH

Click on the "PayPal" link under the golf tournament sponsorship heading to process payment.

Please return mailed sponsorships to:

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

Email: paul.koszarek@psiusa.com

American Society of Civil Engineers SE Branch Scholarship Golf Tournament



Sponsored by your Geopier® Technology team.

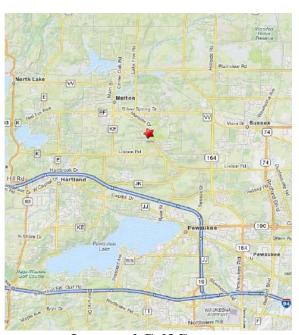




Friday, June 15, 2012

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 Hwy164 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 wi	th)
	Twosome - \$190 (check attached)
	Threesome - \$285 (check attached)
	Foursome - \$380 (check attached)

To pay with a credit card online please go to http://younger.asce.org/wisconsin/

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 5, 2012. 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:		



American Society of Civil Engineers

American Society of Civil Engineers – SE Branch Scholarship Golf Tournament

Friday, June 15, 2012 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

10.00 am	Registration
	Driving range and putting green open
	Putting contest
	Lunch ticket provided
11:30 pm	Shotgun start
4:30 pm	Cocktails (cash bar) & hors d'oeuvre
	at outdoor reception area
	"Bounce a ball" contest for cash prizes
5:30 pm	Dinner banquet awards & raffle
•	•

Registration

Registration Deadline is June 5, 2012. 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 \$2000 scholarship.

To maintain the ability to award the scholarships, we are looking forward to a successful fundraising golf tournament with your help. 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

