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2014-2015

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[www.ascewise.org](http://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](http://WWW.ASCE.ORG)

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

## PRESIDENT'S MESSAGE

Greetings,

ASCE has 3 strategic initiatives. So far this year, I've written on infrastructure and raise the bar. I figured with only a couple months left in my term, I would take this time to cover the last one, sustainability.

ASCE defines sustainability as "*A set of environmental, economic and social conditions in which all of society has the capacity and opportunity to maintain and improve its quality of life indefinitely without degrading the quantity, quality or availability of natural, economic, and social resources.*" As civil engineers, we take our responsibilities in the area of sustainability to heart. We strive to help our clients find sustainable solutions that are environmentally friendly, economically feasible, and built with the future in mind. This is especially true as we are trying to stretch every dollar as far as we can for our clients and get the most life out of our projects.

ASCE has recognized the responsibility of civil engineers to practice sustainability by adopting it into the Code of Ethics in 1996 and by introducing it as a priority strategic initiative in 2008. On the National level, ASCE provides resources and education to help us incorporate sustainability principles into the work that we do. ASCE has also assisted in developing a tool to help us rate the sustainability aspects of a project called the Envision Sustainability Infrastructure Rating System.

Over the past year, the ASCE Wisconsin Section has established a committee on sustainability. I am excited about the vision and plan of its members. Later this year, the committee will be offering training to our members on the Envision Sustainable Infrastructure Rating System developed by the Institute for Sustainable Infrastructure (ISI). Look for more information on this opportunity this fall.

For more information on ASCE's 3 strategic initiatives, please visit the ASCE web site at [http://www.asce.org/issues\\_and\\_advocacy/](http://www.asce.org/issues_and_advocacy/).

Sincerely,  
Jared Wendt, P.E.

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**June Luncheon Meeting**

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**ASCE - SOUTHEAST BRANCH  
JULY LUNCHEON MEETING****Geotechnical Design of  
the Zoo Interchange**

The Zoo Interchange Reconstruction project is a multi-year reconstruction of the interchange of I-94, I-41, US Highway 45 and I-894. The project will result in safer and more-efficient traffic flow over the next 75 years. Approximately 15 miles of roadway alignment, including 5 miles of adjacent arterial streets are to be reconfigured and reconstructed. This includes 68 bridges (including 6 flyover ramps in the core of the interchange), 105 retaining walls, 2 railroad bridges, 1 extended railroad tunnel, four tunneled storm sewers, a cut-and-cover vehicular tunnel, a tunneled re-route of Honey Creek, numerous sign structures, noise walls, culverts, and embankments.

The design of these structures in a congested footprint, along with the varied geologic features of the area, necessitated an extensive geotechnical effort, including a subsurface exploration program consisting of over 980 borings, 250 pressuremeter tests, and a myriad of laboratory tests.

The design team looked for innovative ways of addressing design challenges, including use of large-diameter base-grouted drilled shafts (a first for WisDOT), secant walls, pressure-grouted anchor soldier pile walls, use of lightweight fill and surcharging. A full-scale drilled shaft load test program (6 shafts of various diameters and depths) provided the basis of base-grouted shaft design. Finite-element analyses and BIM modeling to identify potential utility and other structure conflicts were also used to refine the design.

The presentation will provide an overview of the geotechnical effort, with emphasis on the base-grouted drilled shaft test program, the use of BIM techniques to identify subsurface conflicts, methodology used to design cut walls, and early fill placement to surcharge a major ramp and reduce fill wall lengths.

**Speakers:** Bill Mohr, PE – Program Manager WisDOT Southeast Freeways  
John Siwula, PE, D. GE. – Principal Geotechnical Engineer, HNTB  
Charles Winter, PE, D. GE. – Senior Geotechnical Engineer, CH2M

**Date:** **Thursday, July 23, 2015**

**Time:** 11:45 a.m. – Social  
12:00 noon – Lunch followed immediately by the presentation

**Location:** Champps Americana, 1240 S. Moorland Road, Brookfield, WI

**Meal:** Raspberry Walnut Salad or  
French Dip with fries or  
Blackened Chicken Alfredo

**Cost:** \$16 for Members, \$21 for Non Members,  
Free for ASCE Student members with advance registration

**To make reservations please go to:**

<https://events.r20.constantcontact.com/register/eventReg?oeidk=a07eb9ybgt489a9102a&oseq=&c=&ch=>  
by 3 pm, Tuesday, July 21, 2015. Please note: No-shows **will be billed** for the cost of dinner.  
Please contact Jared Wendt at 414-847-0487 or [jared.wendt@ch2m.com](mailto:jared.wendt@ch2m.com) with any questions.

\*\* PDH's are available

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## June Lunch Meeting Recap

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Article By: Mike Arnold

ASCE Southeast Branch hosted a luncheon meeting on June 5 at Mama Mia's in Brookfield. Chad Underwood (Engineering Partners International LLC) and Jason Pieton (Terra Engineering LTD) gave a presentation on a very unique geotechnical project for CN Railroad in Duluth, MN. The project consisted of soldier pile slope stabilization, and the need for on-the-fly engineering changes to address differing site conditions encountered during construction. Chad and Jason worked together as contractor and engineer to develop cost-effective and time-sensitive solutions which kept construction moving forward and addressed the engineering challenges they faced. Those in attendance earned 1 PDH.

We encourage all members to take advantage of the monthly Southeast Branch-sponsored lunch and dinner events which provide opportunities for networking, socializing and earning professional development hours.

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## June Dinner Meeting Recap

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Article By: Jared Wendt

The annual past president's dinner was held on Thursday, June 18 at Alioto's Restaurant. This event is meant to recognize the contributions of our Past Presidents and thank them for their service to our Branch. Since the Branch was formed in 1977, their efforts have helped shape us into the group that we are today. I was happy to recognize Bridget Henk as the newest Past President. Thank you again to Bridget and the rest of the Past Presidents for your contributions to our Branch.

The event was well attended with 29 people who were treated to an informative presentation on the site design for the Northwestern Mutual Downtown Development project by John McCarthy from GRAEF. John talked about the many challenges that the 6-acre site presented, from dealing with major utilities running through the site to challenges posed by the perched water table and legendary Lake Emily that used to occupy the site. Upon completion, the 32 story office tower will be the largest office building in the state of Wisconsin.

Thank you John for sharing your project with us.

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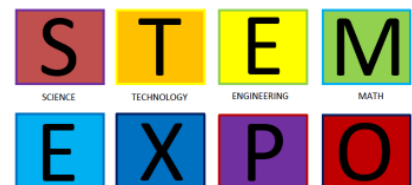
## STEM Expo

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**Editor' note: The two flyers mentioned below are on pages 10 & 11 of the newsletter.**

Article By: Tony Castle

Planning for the STEM Expo is underway, with an enthusiastic committee made up of young STEM professionals from the area. The Expo is only 3 short months away, so start getting the word out and plan to spend Saturday October 10 at the Kern Center exploring the fascinating aspects of Science, Technology, Engineering and Math.



Please contact Bridget Henk ([Bridget.Henk@graef-usa.com](mailto:Bridget.Henk@graef-usa.com)) or Tony Castle ([acastle@emcsinc.com](mailto:acastle@emcsinc.com)) with any questions about the event.

Click here to view the [STEM Expo Promotional Flyer](#)

Click here to view the [STEM Expo Save the Date flyer](#)

Click here to view the [STEM Expo Website](#)

## **2015 Scholarship Golf Tournament Summary**

Article By: Paul J. Koszarek – Golf Outing Committee Member



Thanks to all that joined us for the MOST attended ASCE Golf Outing ever. We had 172 golfers spread over 27 holes at the Ironwood Golf Course in Sussex, WI on June 12, 2015. The day started with rain, but only during registration. The rain did not dampen the spirits of those who attended and ended just as the carts drove out to the starting hole. The day ended with tons of prizes, food, drinks and music. We are looking forward to next year already!

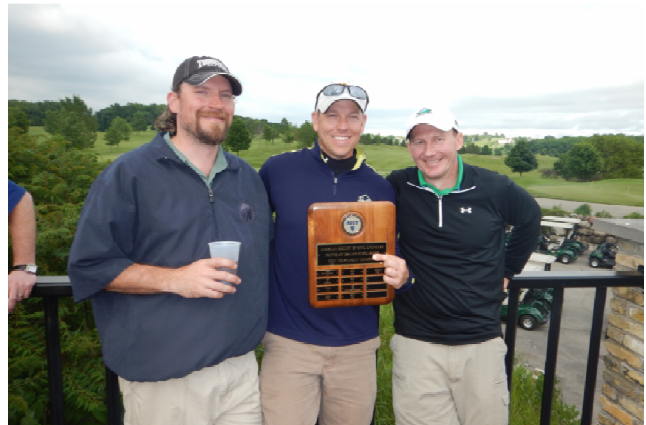
## **The Winners!**

Winner #1, The Kids: THIS YEAR WE RAISED \$10,533.62 FOR THE SCHOLARSHIP FUND. WOW!

Winner #1A, The Event Winners, Low Score of 12 under par: Mike Jenkins, Doug Dembowski, Dan Dassow and Brian Rutkowski

2nd Place: Score of 11 under par: Larry Barta, John Campbell, Tom Foht and Stephanie Olsson

2nd to Last Place: Score of 8 over: Aaron Schram, Joe Barritt, Tim Leonard and Colin Henderson



## **Thanks to our Sponsors!**

**Title:** Ground Improvement Engineering/FSC

**Dinner:** AECOM, Berghammer Construction and R.A. Smith National

**Lunch:** Berghammer Construction and Hayward Baker

**Hospitality Cart:** CH2MHill

**Wristband:** ASCE WI Section

**Bloody Mary Bar:** JSD Professional Services

**Golf Towels:** Ram's Contracting

**Bag Drop:** One Source Consulting

**Ball Washer:** Graef

**Beverage Carts:** HGA and Terracon

**Post Event Newsletter:** Mead and Hunt

**Golf Cart:** Natural Resource Technology

**Hole in One:** PSI and Advanced Disposal

**Scorecard:** EMCS

**Hors d'Oeuvres:** Hayward Baker and Collins Engineers

**Driving Range:** Nielsen Madsen and Barber

**Ball Toss:** Kapur and Associates

**Printing:** West Allis Blueprint

**Practice Green and Hole Sponsors:** Foundation Support Works, PSI, GESTRA, Advanced Disposal, Harwood Engineering, CGC, Lakeside Engineering, Cedar Corporation, GAI, CORRE, Tensar, Lynch and Associates, SX Foundations, Terra Engineering, Ayres Associates, ATC, HNTB and Boldt.

**Goodie Bag or Raffle Prize Sponsors:** Mega Rentals, R.A. Smith National, PSI, Boldt, ESPN Milwaukee, Dretzka Park Golf Course, US Bank, Marquette University, MSOE, UW Milwaukee, Golf Smith and Golf Tec, Allen Edmonds, Bunzels Catering, Green Bay Packers

**Volunteers:** UWM Bridge Team, MSOE Concrete Canoe Team, Ken Mika, Nick Bobinski, John Kastner, Mike Arnold, Jared Wendt, Kaylee Tucker

**Golf Outing Committee:** Paul Koszarek, Steve Weyda, Ryan English, Scott Kroeger, Bill Schilling, Joe Barritt

**Save the Date** for Next Year's ASCE SE Branch Scholarship Golf Outing at Ironwood Golf Course on June 10, 2016. Sign Up Early!

### **NEW ARTICLE: Life Member Memoirs – Darrell Berry**

This month we are starting a brand new series of articles which shine a spotlight on some of our branch's Life Members. An ASCE Life Member is an individual who has made a lifetime commitment to ASCE and the civil engineering profession by remaining a member for the full length of their professional career.

The Southeast Branch is proud to have a large group of Life Members with a wealth of knowledge and experience in Civil Engineering. We will be featuring a different Life Member periodically to give you a glimpse into the perspective of our Life Members.

Kicking off this inaugural edition is Darrell Berry, a senior transportation manager at Mead & Hunt.

**Name:** Darrell J. Berry, PE, SE, F.ASCE-Life

**Education:** BSCE University of Wisconsin-Madison; MSCE University of Illinois-Champaign-Urbana

**Current company/title:** Mead & Hunt, Inc. – Senior Manager-Transportation

**Professional Groups:** ASCE; AREMA; SAVE International

**Year joined ASCE:** 1971, as a student member at UW-Madison

**Professional registrations:** PE-Wisconsin; SE-Illinois; PE in several other states

**Why did you choose to become a Civil Engineer?** My uncle was a civil engineer at Consolidated Papers in Wisconsin Rapids, close to my home town of Stevens Point. I liked the type of structural engineering projects he was responsible for, and thought that civil engineering, with emphasis on structures, would be an interesting and enjoyable career, a career that also had a good compensation compared to other careers. In high school and college, I liked the math and physical sciences courses, which I could use as a civil engineer.





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**Life Member Memoirs cont'd.**

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**Give a summary of your career. Where have you worked? What type of projects?** My career in civil engineering spans over 42 years with four consulting engineering companies. I was hired after I graduated from UW-Madison by Clark Dietz Engineers, located in Urbana, Illinois. I worked there for nearly 11 years, on a variety of projects, including railroad bridges, highway bridges and waste water treatment plant structures. Clark Dietz also had a tuition reimbursement program for pursuing a master's degree at the University of Illinois. I took one course per semester for five years, and received my master's degree in civil engineering. HNTB, with an office in Milwaukee, had an opening for a bridge engineer, and I applied for the job. I was hired on the day of my interview, and worked for HNTB for over 19 years as a project manager and senior structural engineer. I worked on a variety of projects, including underground deep tunnel projects for the Milwaukee Metropolitan Sewerage District. I also became certified in value engineering, as a Value Methodology Practitioner. I then worked for over six years with Bloom Companies in Milwaukee, as a senior structural engineer and project manager. I was the team leader/facilitator for a number of value engineering studies for clients across the country, including many highway/bridge projects for the Michigan DOT. I was also the project manager for highway and bridge projects for the Wisconsin Department of Transportation. I am now in my 7<sup>th</sup> year with Mead & Hunt in Milwaukee, as a senior manager in the Western Infrastructure Group-Transportation. I was the project manager for the rehabilitation of the Wisconsin Avenue vertical lift bridge rehabilitation in downtown Milwaukee, which was an award-winning project. I have been the senior bridge engineer for a variety of historic bridge projects across the country, working with our historians on management plans for rehabilitating or preserving historic bridges.

**What are the most interesting/notable projects you have worked on?** I've been fortunate to work on many projects throughout my career. There are five interesting/notable projects that are at the top of my list, as follows:

1. Project manager for the design and construction of a new double track, tower drive vertical lift railroad bridge for the Peoria & Pekin Union Railway, across the Illinois River in Peoria, Illinois.
2. Senior structural engineer for the design and construction of several deep tunnel projects, including associated drop shafts, pump stations and diversion structures for the MMSD in Milwaukee. Riding in the bucket of a front end loader in the 30-foot diameter, 300 foot deep, Crosstown Tunnel during final inspection was an unforgettable experience!
3. Value engineering study team leader/facilitator for a VE study of a complex, multi-billion dollar interstate highway and system interchange reconstruction project located in downtown Detroit, Michigan. The VE study was a multi-team effort, conducted over several weeks for the Michigan DOT. This VE study was an AASHTO award-winning project.
4. Project manager for the rehabilitation of the Wisconsin Avenue vertical lift bridge over the Milwaukee River in downtown Milwaukee. This project was developed using a low bid-design-bid delivery method, which was the first and only such delivery method for a bridge project in the state of Wisconsin. This project won several awards from various industry and professional groups.
5. Senior bridge engineer for studies for local historic bridges across the state of Minnesota for the Minnesota Department. The study involved close collaboration with historians for defining maintenance, stabilization and preservations activities that retain the historic bridges' character-defining features. The study included the preparation of 126 bridge management plans and 68 intensive evaluations for the historic bridges.

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**Life Member Memoirs cont'd.**

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**Discuss some of your mentors and what they taught you:** There are four mentors that were instrumental in my career. My uncle Edward Kryshak, senior civil engineer for Consolidated Papers, taught me the values and benefits of the civil engineering profession, and was the key person who influenced my decision to pursue a career in civil engineering. Alex Dimitrief, vice president and chief structure engineer for Clark Dietz Engineers, probably my most influential mentor, taught me the importance of preparing and double checking all computations, plans, specifications and estimates for projects. Alex would mark up every calculation and every plan detail with either a yellow pencil or red pencil, and all red marks needed to be corrected. John Curtis, senior project manager for HNTB, was the person who first got me involved with value engineering. I started out as a structural engineer on John's value engineering teams, and eventually received my certification in value engineering as a team leader/facilitator, based on my experience working with John. John was also influential in encouraging me to be active in ASCE, not only as a member, but as an officer. Raj Sheth, CEO of Mead & Hunt, personally invited me seven years ago to join the Mead & Hunt family as a project manager in the firm's new Milwaukee office. Raj taught me the values of providing excellent client service, the importance of effectively dealing with clients and staff, skills in providing leadership and mentorship for younger staff, and to maintain an active role in professional societies such as ASCE.

**Why should a young person want to become a civil engineer?** The opportunities and challenges for a civil engineer are second to none. Every project is different, which provides a tremendous variety of task assignments. As a civil engineer, you will work as a team member to deliver projects to the clients. There are many technical fields in civil engineering, such as structural, environmental and transportation, to name just a few. There is the opportunity to travel to project sites to see projects under construction, as well as to meet new people in the civil engineering industry. The salary and benefits for a civil engineer are very good. And the prestige and honor of being a professional civil engineering is something to be proud of.

**Advice for young engineers:** Stay committed to the engineering profession. Have a mentor to work with you in your project assignments and help in the development of your career. Treat people, and work with people, the way you would like to be treated. Keep your eyes open for exciting civil engineering opportunities within your company. Take advantage of company benefits, including such things as 401(k) plans where the company provides matching funds. Pursue licensure as a professional engineer as soon as you can, and keep the licensure up-to-date. Get actively involved in professional societies such as ASCE. And in the words of Dale Carnegie, learn how to win friends and influence people.

**What are your hobbies?** Without exception, my favorite hobby is being a Grandpa for my six grandchildren. It's a great pleasure to watch the six kids grow and develop different skills. I also enjoy golf, gardening and yard work, photography, vacationing, and financial investing and planning. I'm also a huge Wisconsin Badgers football fan, and have season tickets to their home games at Camp Randall Stadium in Madison.



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**Life Member Memoirs cont'd.**

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**Anything else you'd like to add (funny story, etc.):** I've been married to my outstanding wife Bonnie for over 41 years. We've been extremely fortunate to have three married sons and their families, each family with two children, ages 10 months to nearly 8 years. We are currently building a villa in Goodyear, AZ (just west of Phoenix) and plan to use it as a winter season home beginning in 2016. I plan to retire in July 2016, and hope to keep working part-time with Mead & Hunt in Milwaukee after I retire.

Funny story – My nicknames when I was younger were “Big D” and “Diesel”, because I was hard to tackle when playing football.

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**Welcome New Members!**

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Article By: Nick Bobinski

The ASCE Wisconsin Southeast Branch would like to welcome new members Asadollah Khoddam Mohammadi, Nicholas Matter, and Tyler Vassar. You'll find all of the latest updates and upcoming events in this newsletter. We look forward to meeting you!

If you are looking for more ways to get involved, please feel free to email me at [nbobinski@kapur-assoc.com](mailto:nbobinski@kapur-assoc.com)

Check out our website, too! [www.ascewise.org](http://www.ascewise.org)

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**2015 National Election Results**

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Article By: Thomas W. Smith, III, P.E., CAE, F.ASCE - Society Secretary

The 2015 national election concluded on Monday, June 1, and the Tellers Committee convened to validate the election results. Consistent with the Society's Bylaws, I am writing to give you formal notification of the results of this year's election. Publication of the election results will be provided on the Society's web page, ASCE *SmartBrief*, and in ASCE *News*.

**President-elect Elect (2015-2016):**

*Norma Jean Mattei, Ph.D., P.E., F.SEI, M.COPRI, M.ASCE*  
([NMattei@uno.edu](mailto:NMattei@uno.edu))

**Region Directors-Elect (2015-2018):**

**Region 3:** George A. Ghareeb, P.E., M.ASCE

**Region 4:** Charles W. Black, Jr., P.E., M.ASCE

**Region 8:** Dale A. Nelson, P.E., F.ASCE

**Technical Region:** Jean-Louis Briaud, Ph.D., P.E., Dist.M.ASCE





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**2015 National Election Results cont'd.**

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**Region Governors-Elect (2015-2018)**

<b>Region 1:</b>	<i>Anthony L. Cioffi, P.E., M.ASCE</i> <i>Erin K. McCormick, EIT, A.M.ASCE</i>
<b>Region 3:</b>	<i>Carl C. Sutter, P.E., C.C.S., M.ASCE</i>
<b>Region 4:</b>	<i>Jaysson E. Funkhouser, P.E., M.ASCE</i> <i>Jonathan D. Keeling, P.E., M.ASCE</i>
<b>Region 5:</b>	<i>Steven M. Goldstein, P.E., F.ASCE</i> <i>William L. Pratt IV, P.E., M.ASCE</i>
<b>Region 6:</b>	<i>David F. J. Calabuig, Sr., P.E., M.ASCE</i> <i>Jerry B. Paz, P.E., M.ASCE</i>
<b>Region 7:</b>	<i>Aaron M. Frits, P.E., ENV SP, M.ASCE</i> <i>Jeffrey A. Young, P.E., M.ASCE</i>
<b>Region 8:</b>	<i>Donald G. Kinney, P.E., M.ASCE</i> <i>Robert L. Lamoreaux, P.E., M.ASCE</i>
<b>Region 9:</b>	<i>James T. Frost, P.E., M.ASCE</i>
<b>Region 10:</b>	<i>Ronald Hine, C.Eng, Ing., M.ASCE</i> <i>April J. Lander, A.M.ASCE</i> <i>Jairo Uribe-Escamilla, Ph.D., P.E., F.ASCE</i>

If you have any questions regarding the election results please contact Patty Jones, Director of Executive and Board Operations, at 703/295-6101 or [pjones@asce.org](mailto:pjones@asce.org)

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**2015 Southeast Branch Election**

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Thank you to everyone who voted in the Southeast Branch Elections! Election results will be posted in the August 2015 Newsletter.

**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](mailto:bjg@spireengineer.com)**

Deadline for next issue is the first of the month.



SCIENCE



TECHNOLOGY



ENGINEERING



MATH



**October 10, 2015, 10:30 AM TO 3PM**

**Milwaukee School of Engineering - Kern Center**

**1245 North Broadway Avenue, Milwaukee**

Discover the world of Science, Technology, Engineering, and Math at the at 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: 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/>

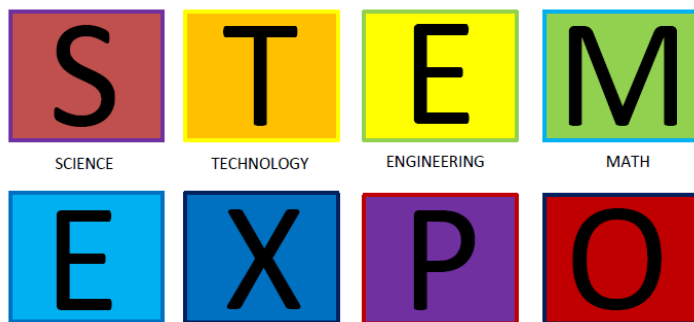


- The first 100 kids to attend will receive a goodie bag of prizes from the sponsors
- Food Trucks will be on site during lunch
- There will also be free raffle prizes throughout the day!

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

Sponsored By





**October 10, 2015, 10:30 AM TO 3PM**

**Milwaukee School of Engineering -  
Kern Center**

1245 North Broadway Avenue,  
Milwaukee

Back by popular demand is the STEM Expo hosted by the American Society of Civil Engineers (ASCE) Wisconsin Section Southeast Branch Younger Members Group (YMG). STEM Expo will be held October 10, 2015 at the Milwaukee School of Engineering (MSOE).

Similar to the past STEM Expo's, the 2015 STEM Expo will have different companies and organizations from Milwaukee and surrounding areas as sponsors for exploration stations. These stations will have an activity or demonstration of various Science, Technology, Engineering, and Math (STEM) related themes. This event is designed to promote STEM fields to the next generation in a fun and thought provoking way. A time lapse video and pictures from the previous STEM Expo can be viewed at [www.ascewise.org/stem-expo](http://www.ascewise.org/stem-expo).

We are asking for companies and organizations that have STEM backgrounds to attend and sponsor the event. Sponsorship provides support for exploration station activities specific to STEM field and allows the event to be free to the public. Sponsors will be recognized at STEM Expo and on the STEM Expo website.

Sponsorships are set up in tiers, as listed below:

- Platinum Sponsorship - \$2,000
- Gold Sponsorship - \$1,500
- Silver Sponsorship - \$1,000
- Bronze Sponsorship - \$500
- Exploration Station - \$250
- Friends of STEM Sponsorship – anything less than \$250

To sponsor the event, click on the link below or contact Ken Mika (kmika@naturalrt.com).

<http://events.constantcontact.com/register/event?llr=8wbor5kab&oeidk=a07eaq4c2glf1e632f1>

Please contact Bridget Henk (Bridget.Henk@graef-usa.com) or Tony Castle (ACastle@emcsinc.com) for more information. ASCE is a tax exempt 501(c)3 Non-profit organization.

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



If you are looking for a company where you can work with a great team of co-workers, where collaboration, improvement and innovation are valued, look no further than American Transmission Co.

We are currently looking for a Civil Designer to complete moderate to complex drawing packages from sketches for our transmission lines and substations using Microstation. The designer also assists the design engineering team with engineering calculations, reviewing and storing records and preparing construction documents. Our designers possess an associates' degree in either Civil Engineering Technology, Mechanical Engineering Technology or Computer Aided Design. Experience with PLS-CADD is a plus. We will also consider candidates with equivalent experience with AutoCAD or Microstation.

This is a great opportunity to get your foot in the door at a growing company, which was recently recognized by Fortune Magazine as a "Great Place to Work" and the Milwaukee Journal Sentinel as a "Top Workplace".

If you are interested in this opportunity or have questions, please contact Lisa Krueger at [lkrueger@atcllc.com](mailto:lkrueger@atcllc.com) or 262-832-8743. Also, please feel free to pass this opportunity on to anyone who you feel may be interested.



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

### **Civil or Structural Engineer Position Available**

March 27, 2015

Building Envelope Consultants, Ltd, a forensic engineering firm providing services throughout the U.S., is seeking full time Civil or Structural Engineer in the following locations: Waukesha, WI

We are seeking an engineer with hands on failure analysis experience. Must have ability to analyze various residential and commercial building failures to determine causation, and must have the ability to write professional, concise reports. Professional appearance is necessary and P.E. is required.

This full time position involves inspections of various buildings to determine the cause of damages, including damages from improper design, improper construction, storm related damages, misuse, lack of maintenance, and intentional damages. Most travel will be same day with an occasional overnight. Experience with any of the following is preferred: forensic engineering, residential construction, commercial construction, code enforcement, code inspection, roofing experience, facilities maintenance, materials testing, home inspections, expert witness testimony, residential design, storm damage assessments, etc.

Excellent salaries and competitive benefits program including company paid full Medical, STD, LTD, Life and AD&D insurance. Company paid 401K retirement program. PE Licenses, Associated Memberships and PDH credits covered by the company.

Interested parties should email resumes with cover letter to [sales@building-envelope.net](mailto:sales@building-envelope.net).