

## BOARD OF DIRECTORS

2014-2015

### President

**Jeremy Hinds, P.E.**

414-534-9990

### President-Elect

**Jared Wendt, P.E.**

414-847-0487

### Past President

**Bridget Schuh Henk, P.E.**

920-242-2252

### Secretary

**Jerry DeMers, P.E.**

414-263-8594

### Treasurer

**Ryan English, P.E.**

262-746-1113

### Directors

**Michael Arnold, P.E.**

414-831-4100

**Kerry Meyer, P.E.**

414-847-0326

**Ken Mika, P.E.**

414-837-3607

### YMG Director

**Brad Seubert, P.E.**

414-475-5554

### **Website:**

[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.

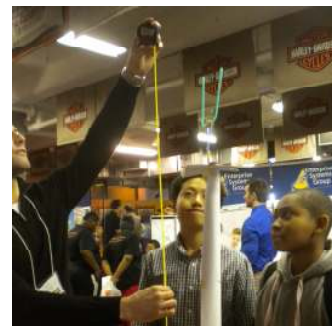
## PRESIDENT'S MESSAGE

Hello Southeast Branch Members,

I cannot believe we are already into October; Fall is definitely here! The official seasonal transition was two Mondays ago on September 22. It seemed like we skipped Fall and went into Winter with my family dealing with a 40 degree 10am soccer match this past Saturday morning. The shivers got me thinking about why we volunteer for those things like 40 degree soccer matches and those that I serve with in the SE Branch.

The SE Branch of ASCE is really blessed with really good people who are extremely dedicated to giving back to the community. I think these individuals and committees have found their efforts to be mutually rewarding. I myself have been involved in some of the outreach and competitions and definitely got a lot out of the experience. The list below is only a fraction of what the Region's ASCE volunteers have participated in.

- STEM Expo
- Rube Goldberg
- Future Cities
- Outreach at area schools
- Mentoring Meetings
- Scholarship judging
- I-Fair
- Habitat for Humanity



I bring this up now to alert you to the numerous opportunities for you to get involved over this current ASCE year. I want to challenge all of you to break loose from your shells and get involved. I really enjoyed some of the in-class activities I've been a part of and seeing the kids get so engrossed in their projects or the smiles you see on both the kids and their teachers faces!

I want to second the thanks Bridget extended last month to those involved in the past year as well as those that are new to the Branch or YMG boards. If you have any questions about past or current events in our branch feel free to contact your board members. I hope to see all of you at our future meetings, future expo's and outreach events!

Sincerely,

Jeremy Hinds, P.E.

## October Meeting Announcement

---

**NOTE: This meeting has been rescheduled from the 20<sup>th</sup> to the 28<sup>th</sup> due to a conflict. The RSVP date has also changed. Please disregard any previous announcements.**



## ASCE - SOUTHEAST BRANCH October Mentoring Meeting

### Ethics in Engineering

Although engineers often make decisions using precise scientific principles, answers to ethical questions are often varying shades of gray. NSPE provides a wide selection of ethical cases that have been reviewed by their ethics review board. A series of ethics cases will be presented for discussion by the participants. Each case is based on actual circumstances that were reviewed by the NSPE. Mentors and students will discuss the case and be asked about the ethical, or lack thereof, behavior described in the case. A review of the board's findings for each case will be presented.

**Please Note:** This meeting will be the Southeast Branch's annual **MENTORING MEETING**. Volunteer mentors will meet up with an engineering student at the meeting and sit with them during the dinner meeting. Mentors, you can choose and MSOE, MU, or UWM student preference if desired. It's a great opportunity for students to become more at ease at the branch level meetings and learn more about the work that we do. If you are interested in being involved, as a student or a mentor please contact Joe Barritt at ([ascewise@gmail.com](mailto:ascewise@gmail.com)) and he will assign you to a mentor or student, as appropriate.

Speaker:	Mark Federle, P.E., Ph.D., F. ASCE, McShane Chair in Construction Engineering and Management, Marquette University
Date:	<b>Tuesday, October 28, 2014</b>
Time:	5:30 pm Social Gathering 6:00 pm Dinner 7:00 pm Presentation
Location:	Best Place (Pabst Brewery) 901 W. Juneau Avenue Milwaukee, WI 53233
Menu:	Catering by Saz's Catering
Cost:	\$30.00 - ASCE Members \$35.00 – Non-Members \$0.00 ASCE Student Members (with advanced registration, otherwise \$20.00)

**To make reservations:** call Joe Barritt at 608-436-4200 by 4 pm, Friday, October 17, 2014. Leave your name, affiliation, and phone number. You may also e-mail the Southeast Branch at [ascewise@gmail.com](mailto:ascewise@gmail.com) with your reservation.

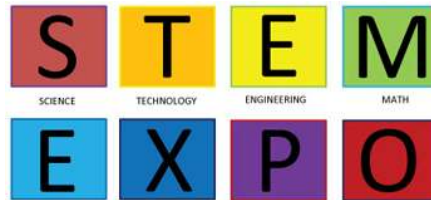
Please make your reservations as early as possible. If you would like to make a payment in advance, please visit the website at [www.ascewise.org/events](http://www.ascewise.org/events) and click on the PayPal link. Make checks payable to ASCE – Southeast Branch

Please note: No-shows **will be billed** by ASCE. Southeast Branch for the cost of the dinner.

## STEM Expo

---

Article By: Kyle Bareither



Well, there has been a lot of talk about it and it is finally the month for STEM Expo! A planning committee comprised of Southeast Branch members and YMG members have been planning since April to make this year's Expo a huge success. This is a free event and will provide 40 plus activities for children/young adults to explore, related to Science, Technology, Engineering, and Math. There will also be food on site, a raffle, and demonstrations from First Lego League, First Tech Challenge and FIRST Robotics for everyone to view and participate!

For more information on the event, please visit our website (<http://www.ascewise.org/stem-expo/>).

Also, in order for this event to be a huge success, we need people to come to the expo, in addition to a lot of volunteers! Please spread the word, and if you are interested in volunteering, please follow the link below Kyle Bareither ([kbareither@naturalrt.com](mailto:kbareither@naturalrt.com)) or Bridget Henk ([Bridget.Henk@graef-usa.com](mailto:Bridget.Henk@graef-usa.com)) with any questions/concerns. We hope to see you there!

Volunteer Signup:

<http://events.r20.constantcontact.com/register/event?oeidk=a07e9qhfrbtfbcb8c9f2&llr=8wbor5kab>

## YMG Kickoff Meeting at Koz's

---

Article By: Josh Mitchell

We will be hosting our annual kickoff meeting at Koz's Mini Bowl again this year, on October 29th from 6:30 pm to 8:00 pm. You will be able to meet and greet with all the new board members, grab some food and drinks, and of course mini bowl!! 3 games of mini bowling only costs \$9/person and because they have actual people in the back setting the pins we need to tip a few bucks for putting up with us. So come bowl a few frames and meet the new YMG Board!

## Public Information Chair Position Available

---

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 October 2014. If you are interested in this position, please contact a current board member who is listed on the ASCE WI SE Branch website.

---

## Scholarship Application Deadline – October 31

---

Article By: Ken Mika

The scholarship season is upon us once again! This year the Southeast Branch is offering four scholarships for college students to be awarded in January. The scholarship deadline this year is October 31. Additional information on the scholarship program can be found on our website at: <http://www.ascewise.org/scholarships/>

---

## Welcome New Members

---

ASCE Wisconsin Southeast Branch is pleased to welcome new members Jacob Gendenning, Matthew Wade, Tim Rink, Reney Bagnall, Ahmed Ghazai, and Gary Evans.

Looking for ways to get involved? Attend the October Mentoring Meeting, volunteer to help out at the STEM Expo this October, or join the Younger Member Group at Hart Park on Mondays for wiffle ball. Stay up to date by visiting our website: [www.ascewise.org](http://www.ascewise.org). We look forward to meeting you!

---

## Nominate a Young Engineer for ASCE's 'New Faces' Program

---

Are you or do you know a civil engineer who's 30 or under, already making a name for themselves? Does he or she show the potential for a long and distinguished civil engineering career and a commitment to excellence in everything she or he does? If so, nominate him, her, or yourself for ASCE's **2015 New Faces of Civil Engineering - Professional Edition**. The top three among those honored will be considered by the DiscoverE Foundation for its civil engineering representative in its overall 2015 New Faces of Engineering - Professional. DiscoverE and ASCE will be accepting nominations through Oct. 17.

You can apply or nominate someone at the following website:

<http://www.discovere.org/our-programs/awards-and-recognition/nominate-someone>

---

## 2015 ASCE Membership – Renew Now!

---

If you haven't done so already, please renew your ASCE membership for 2015. Renew today and be eligible to win a \$150 Visa Gift Card on October 14, 2014 and also be entered in a drawing to win a 50" flat panel TV on December 16, 2014.



**ASCE gives you three easy ways to renew early:**

1. **Online** at [www.asce.org/renewal](http://www.asce.org/renewal).
2. **Mail** in your 2015 renewal form to Membership Department, P.O. Box 79084, Baltimore, MD 21279.
3. **Call** ASCE's Customer Service at (800) 548-ASCE (2723) or (703) 295-6300 between 9:00 a.m. – 6:00 p.m., E.T., Monday-Friday.

---

## Continuing Education Opportunities

---

### Groundwater Treatment Technologies

This webinar discusses treatment technologies that have been developed to help meet treatment challenges, possibilities for removing multiple contaminants, and understanding of how treatment technologies work. Groundwater depletion is a worldwide issue, and hydraulic fracturing (fracking) has raised concerns about the quality of groundwater. Between 1960 and 2000 the rate of groundwater withdrawal doubled and now roughly accounts for 40% of developed fresh water supplies. As more and more groundwater is developed the treatment challenges for groundwater have expanded significantly, and include a full spectrum of contaminants including microbiological, inorganic chemicals, synthetic organic chemicals, volatile organic chemicals, and radionuclides. Treatment technologies have been developed that can meet these treatment challenges, and are often very cost effective and innovative.

Register at: <http://mylearning.asce.org/diweb/catalog/item/id/216372>

### Connection Solutions for Wood Framed Structures

The intent of this webinar is to provide comfort zone to design professionals who use more wood in nonresidential, commercial-type structures, so that they are comfortable with the connection design aspects of wood framing. Wood is truly the only sustainable structural material and it is a carbon sink. As such its use greatly benefits the environment, including its excellent life-cycle performance characteristics. However, one of the most common concerns expressed by engineers is the apparent complexity of designing connections for wood-framed structures. If design professionals are going to use more wood in nonresidential, commercial-type structures they must be comfortable with the connection-design aspects of wood framing. The intent is to provide this comfort zone.

Register at: <http://mylearning.asce.org/diweb/catalog/item/id/260570>

---

## “Tip of the Infrastructure Iceberg” Presentations

---

Article By: Peter Nilles, Wisconsin Section

The League of Women Voters of Milwaukee County is hosting a General Informational Meeting on Saturday, October 25, 2014, to discuss the state of public infrastructure.

Presentations will be provided by Carl C. Sutter, P.E., C.C.S., a member of the Wisconsin Section and ASCE Region 3 Governor representing the Wisconsin Section, and Dr. William L. Holahan, Emeritus Professor, Economics, University of Wisconsin-Milwaukee.

All are welcome.

Please see the flyer using the link below for more information.

<http://origin.library.constantcontact.com/download/get/file/1113609694101-9/October+25+Infrastructure-FINAL.pdf>

---

**'Get to Know Your Board' – Jerry DeMers**

---

We continue this series by getting to know Jerry DeMers, Southeast Branch Secretary.

**Tell us about yourself:** I am an environmental engineer in the Waste and Materials Management Program of the Wisconsin Department of Natural Resources. I have been with the DNR for a little more than a year, after over 30 years as a consultant with Graef, Anhalt and Schloemer (now GRAEF), Hydro-Search (GeoTrans, and now Tetra Tech), Symbion and Shaw (now CB&I). My experience is with landfills, remedial investigations and cleanup of properties and stormwater management. I am married to Ellen, who is also an environmental engineer, and we met while working together at GAS. I have two grown children; Anna, who is a 4-H coordinator in Spooner, WI, and Tom, who teaches primary grades for the Waukesha Public Schools.

**Where did you go to school?** Marquette for my bachelors in Civil Engineering, and Northwestern for my MS in environmental engineering.

**Do you have any hobbies?** Bicycling, reading, swimming, collecting ancient coins.

**What is your favorite television show(s)?** Nova and Frontline on PBS.

**What is the highlight of the past year?** A trip with my wife and daughter to Israel last November.

**What did you want to be when you grew up?** A farmer.

**What is the best place that you have visited?** The most exotic place that I have visited is Tibet. My wife and I like to travel, and there are many other "best" places that we have visited.

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

**How did you get involved in ASCE?** I joined the student section at Marquette. All meetings included ham sandwiches and a quarter barrel of beer. ASCE had the greatest participation of all of the professional engineering societies.

**What do you like best about ASCE?** The opportunity to meet others in the profession and learn from them at section and statewide meetings.

**What advice do you have for ASCE members?** Attend the meetings for both the fun of it and for what can be learned. You do not know when a topic that seems unrelated to your present work will provide ideas for something in the future.

**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.

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



## Civil Engineer, PE

Design Alaska, a full service architecture, engineering, surveying firm, located in Fairbanks, Alaska, is looking for a Civil engineer to join our team. Engineering duties typically include site investigations, site design, traffic planning and design, utility system design, coordination with permitting agencies, and the preparation of construction documents using Civil 3D.

Attributes Design Alaska seeks in applicants for this position include:

- Professional registration in Alaska as a Civil Engineer or the ability to obtain a PE license in Alaska.
- Experience in transportation engineering and site design in northern climates is preferred.
- AutoDesk AutoCAD and Civil 3D software experience.
- Good familiarity with Microsoft Office Suite (Word, Excel, Outlook) software packages.
- Construction industry related work experience is desirable.
- Works effectively independently and within team environments.
- Driven, focused, organized, detail oriented, manages time well.
- Good interpersonal, communication, and leadership skills.

If you meet these qualifications and are interested in working for Design Alaska, please fill out the application found at: <http://www.designalaska.com/pages/join-us>. Design Alaska is an EEO/AA Employer/Vet/Disabled. For more information please contact:

Kym Pihlaja  
Office Manager  
601 College Road  
Fairbanks, AK 99701  
907-452-1241  
[kym@designalaska.com](mailto:kym@designalaska.com)