



# Civil Engineer

KANSAS CITY

## THE NEWSLETTER

January 2016

### UPCOMING EVENTS

#### January

15th - Annual Specialty Seminar

19th - Joint ASCE & EWRI Meeting

#### February

6th - YMCA Volunteers for the Block Kids Building Competition

16th - ASCE & KSPE Meeting

#### March

3rd - Geotechnical Meeting

15th - ASCE & APWA Meeting

#### January 2016 Meeting

Joint ASCE & EWRI Meeting

Water Resources in Our Region

Event: Water Resources in Our Region Presentation

Date: Tuesday, January 19, 2016

Time: 11:30pm

Location: Jack Stack (101 W. 22nd ST. #300, Kansas City, MO 64108)

Speaker: Sheila Shockey

About our Speaker:

Sheila Shockey, founder and president of Shockey Consulting Services, LLC, has worked in the Kansas City region as a staff member and a consultant for governments since 1989. Sheila brings the perspective of having worked in a government agency, a deep understanding of the technical issues and the ability to translate that information effectively to all stakeholders. When she is not talking about her kids Ali and Jack, she is talking about sports, stormwater and sewers. She loves helping ordinary citizens understand the complexities of public policy decisions, especially for water resources programs. She has helped many citizen task force members discover that they actually live in a watershed and that "sewers are sexy!" Her favorite holiday is March Madness. She is a lifelong Jayhawk and Royals fan. Sheila holds a Bachelor's Degree in Public Administration from Washburn University and a Master's Degree in Public Administration from University of Missouri – Kansas City. It is obvious she didn't choose her higher learning institutions based upon their mascots.

Registration: Limited to the first 50 registrants.

REGISTER [HERE](http://events.r20.constantcontact.com/register/event?llr=nj4vwaoab&oeidk=a07ebhys84q89d648ff&condition=SO_OVERRIDE): [http://events.r20.constantcontact.com/register/event?llr=nj4vwaoab&oeidk=a07ebhys84q89d648ff&condition=SO\\_OVERRIDE](http://events.r20.constantcontact.com/register/event?llr=nj4vwaoab&oeidk=a07ebhys84q89d648ff&condition=SO_OVERRIDE)

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## From the President

### Have a wonderful holiday season!

I hope you are having a great holiday season. With the New Year just weeks away, it is always a good time to assess the value of your assets including the value of your ASCE membership. Everyone has their own reasons for being a member of ASCE. For some, it is an opportunity to improve their leadership skills. For others, it is an opportunity for networking and business development. Still others may join for the technical seminars and PDH opportunities. All are excellent reasons to be an ASCE member. Whatever your personal reasons for being a member, you should realize that, as a member of ASCE, you are part of a much larger and important organization. The American Society of Civil Engineers is the oldest engineering society in America, founded in 1852. Current membership is over 150,000 and the society has grown into an international organization with members in 175 countries.

In my time as an active member of ASCE, I have seen ASCE become more prominent in public discussions. ASCE is often cited as the leading expert on things such as infrastructure issues. Infrastructure is one of the society's three core initiatives. ASCE frequently testifies before congress when prominent infrastructure funding issues are being debated. President Obama has mentioned ASCE or "America's Engineers" in several national addresses. You may have had the opportunity to see the ASCE infrastructure report card highlighted on several television programs including: Jim Rowe's *Dirty Jobs*, *60 Minutes*, and John Oliver's *Last Week Tonight*. If not, they are all worth a look and can be found using the links on the next page. Very informative and very entertaining!

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## From the President, Cont'd

Jim Rowe: <https://www.youtube.com/watch?v=mKQ33aOYduQ>

60 Minutes: <http://www.cbsnews.com/news/falling-apart-america-neglected-infrastructure/>

Last Week Tonight: <http://time.com/3727970/john-oliver-last-week-tonight-infrastructure/>

ASCE at the national level also continues to advance its other two main initiatives of sustainability, through its release of the Envision Rating System, and educational requirements for engineering licensure, through its Raise the Bar initiative.

Even at a section level, your society may be more than you realize. The Kansas City Section encompasses an area roughly from Lawrence to Columbia, all the way through Missouri and Kansas from north to south. The section currently has over 1400 members spread through this area. The section supports our technical skills through its institutes including: Environment and Water Resources Institute, The structural Engineering Institute, and the Geotechnical Committee. The section works to support the future of engineering by raising tens of thousands of dollars annually, through events such as the geotechnical conference, in support of scholarship endowments at UMKC and KU. The section also contributes to charitable organizations through activities such as the annual golf tournament.

All of this at both the section and national levels requires the dedication of our many members. I hope that as you celebrate the holidays and plan for the coming year you consider the value of your ASCE membership and the many opportunities that your membership provides to both you and the field of civil engineering as a whole. I also hope that you will consider the many ways that you can become more involved in ASCE in the coming year. Have a wonderful holiday season!

Sincerely,

Tom Jacobs, P.E.

President, Kansas City Section ASCE

## ASB/ASCE Kiosk Project Closer to Completion

The ASB/ASCE Kiosk Project's counterweights and site work were completed this last September with the application of an anti-graffiti coating. Two new committees continue to work on preparing, procuring, and installing the informational panels, and are coordinating the Commemorative Celebration. The Commemorative Celebration is scheduled for April 2016 in conjunction with the annual Award Meeting and visit by the National President-Elect.



Conceptual Design of the Kiosk Counterweights



Actual Kiosk Counterweights

## Geotechnical Committee

The Kansas City Geotechnical Group hosted an evening seminar on December 3 at the UMKC Diastole Scholars Center. Mr. Don Hammond of HNTB presented on the results of axial and lateral load tests on drilled shafts at the tower pier for the new Kosciuszko Bridge in New York City. Sponsorship was provided by PSI. The next evening seminar is planned for March 3, 2016 at the UMKC Diastole Scholars Center.

Planning and preparations continue for the Specialty Conference and the Annual Conference. Recent advances in seismicity will be the focus of the Specialty Conference scheduled for Friday, January 15, 2016 at Black & Veatch's Ruisch Auditorium, 11401 Lamar Ave, Overland Park. For information on the seminar and to register, click on this event's link in the Upcoming Events section of the ASCE Kansas City Section website (<http://www.kcengineers.org/>). The Annual Conference is scheduled for Thursday, April 21, 2016 at the Ritz Charles in Overland Park.

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## Diversity Corner

### Spotlight: Mr. Anthony Hall, P.E.

College: University of Missouri, Kansas City, 1996 (B.S.)

University of Kansas, 2008 (Master's)

Current Position: Project Manager for the U.S. Army Corps of Engineers.

Responsibilities: Responsible for ensuring projects are executed timely and within the allowable budgets.

Career Tidbit: Don't be apprehensive to try new things during the course of your career. Each new endeavor will keep you challenged, engaged, and motivated as you progress in your profession.

On November 8<sup>th</sup>, ASCE members joined the Society of Women Engineers- Kansas City at Harvest-er's to fill packs for the BackSnacks for Schools program. With around 30 volunteers, we were able to make over 300 packs in 90 minutes! I would like to thank SWE-KC for extending the invitation to participate in this worthy cause.



## Government and Public Relations Committee

2015 marked a momentous year for ASCE's GPR efforts. We met with Kansas and Missouri legislators, participated in the National Fly-in to Washington DC, participated in the inaugural State Advocacy Captain program, hosted a Public Relations University, strengthened relationships with our Coalition partners, and were able to pass a 5-year surface transportation bill. The bill, titled the FAST act (<http://itk.thehill.com/policy/transportation/262101-advocates-exhale-after-passage-of-305b-highway-bill>), helps transportation planners and those that use those facilities (everyone!) know that the critical infrastructure will be there.

There's plenty more work to be done. Kansas has been diverting money intended for KDOT to plug budget gaps (<http://kcur.org/post/has-kansas-maxed-out-its-bank-kdot-credit-card#stream/0>), and Missouri stands to lose \$160 million in matching federal funding by not funding MoDOT (<http://www.modot.org/ViewfromtheChair/documents/2015-12-09ViewfromtheChair.pdf>).

Thanks to those key contacts that reached out to Congress to get the bill passed. If you would like to become a Key Contact, visit <http://www.asce.org/keycontacts/> or reach out to one of the following GPR Committee Members.

### GPR Committee

Ernie Longoria, P.E. (2016 Chairman), Sheryl Gallagher, P.E., Tom Jacobs, P.E., Jennifer Jacka-Taylor, P.E., Laura Wagner-Bartz, P.E., Valerie McCaw, P.E., Alyson Abel, P.E., Chris Leaton, P.E.

For more information about ASCE's Issues and Advocacy Resources, visit:

Legislative Tracking: [www.asce.org/multistate](http://www.asce.org/multistate) (Use your ASCE.com login credentials)

ASCE Policy Statements: [www.asce.org/public\\_policy\\_statements/](http://www.asce.org/public_policy_statements/)

"Click & Connect" (State Alerts): <http://cqrcengage.com/asce/>

ASCE GovRel Facebook: [www.facebook.com/ASCEGovRel](https://www.facebook.com/ASCEGovRel)

ASCE GovRel Twitter: [twitter.com/ASCEGovRel](https://twitter.com/ASCEGovRel)

Save America's Infrastructure Blog: [www.infrastructurereportcard.org/save-americas-infrastructure/](http://www.infrastructurereportcard.org/save-americas-infrastructure/)



# Younger Members Group

## PAST EVENTS

### Zahner Company Steel Plant Tour

On November 11th, 25 YMG professionals enjoyed visiting the office and fabrication shop of the A. Zahner Company. All were thoroughly impressed at the eccentric design and intricate details faced with every project. After the tour, the group enjoyed apps and drinks at the Cashew. This was a great opportunity for some of our YMG folks located further north in KC to join in the action.



### Raytown Schools STEM in the Gym

On November 12th, our School Outreach Chairs organized 8 volunteers to participate at the annual STEM in the GYM at Raytown High School. During the event, KC ASCE had over 150 students engaged through the four tables of activities. One table included KC ASCE's bridge display, another had information about civil engineering, and two tables were dedicated to our shake table activity - building towers out of starbursts.



### December Monthly Meeting and Toys for Tots Drive

Our December Monthly Meeting was held at Gordon Biersch in Leawood where the officers highlighted upcoming events. As part of this meeting, members brought 40 brand new toys to

## Younger Members Group Cont'd

donate! We had over 30 members in attendance. The Community Service Chairs introduced 3 US Marine Corps Reserve's to highlight the Toys for Tots charity. This event is always a hit and allows the Young Members to show their caring, generous nature.



### UPCOMING EVENTS

#### 2016 Golf Tournament

We need volunteers to help plan our 11th Annual Golf Tournament that benefits the Make-A-Wish Foundation. If you're interested, please contact our Golf Tournament Chair, Emily Loiselle ([loiselleem@bv.com](mailto:loiselleem@bv.com)).

#### January Monthly Meeting

Our next monthly meeting will take place on Tuesday, January 19th at 6pm at The Quaff in downtown Kansas City. If you have any questions, please contact our Social Chairs, Rogelio Avalos ([roger.avalos@terracon.com](mailto:roger.avalos@terracon.com)) and Tyler Garrett ([tyler.justin.garrett@gmail.com](mailto:tyler.justin.garrett@gmail.com)).

#### Science Pioneers

Expanding Your Horizons will take place on Friday, January 22nd at 6pm-9pm at Science City in Union Station. This event is hosted by Science Pioneers for 6th-8th grade girls to give them an opportunity to interact with women who work in STEM fields. We will be hosting a bridge building activity. Sorry gentleman, but this is a ladies only event. If you would like to participate, please contact our School Outreach Chair, Sara Goebel ([sgoebel@burnsmcd.com](mailto:sgoebel@burnsmcd.com)).

#### Mavericks Night

#### Corrosion Expo

The 2nd Annual KC Coatings and Corrosion Expo will take place on Wednesday, February 24th from 10am-2pm. Professionals will receive free CEU, lunch and live demonstrations of the NACE 13/SSPC ACS1 industry approved certification process. Register at Stop Midwest Corrosion's website ([www.stopmidwestcorrosion.com/2016-corrosion-expo.html](http://www.stopmidwestcorrosion.com/2016-corrosion-expo.html)). If you have any questions, please contact our President, Ozzy Bravo ([ozzy.bravo@terracon.com](mailto:ozzy.bravo@terracon.com)).

CONTACT TYLER GARRETT WITH ANY QUESTIONS  
[TYLER.JUSTIN.GARRETT@GMAIL.COM]



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**ASCE**  
AMERICAN SOCIETY OF CIVIL ENGINEERS  
JOIN ASCE YOUNGER MEMBERS  
GROUP FOR A NIGHT WATCHING THE  
MISSOURI MAVERICKS WITH A PRE-GAME  
AT THE NEARBY BUFFALO WILD WINGS

**FRI, JAN 28**  
**PRE-GAMETIME: 5:00PM**  
**GAMETIME: 7:05PM**

**GAME TICKETS: \$15**  
**ALL YOU CAN EAT B-DUBS: \$15**

PLUS, FREE DRINKS SPONSORED BY

**EMERY SAPP  
& SONS**



**REGISTER/PAY VIA CONSTANT CONTACT BY 1/15**  
**EVENT OPEN TO ALL (NOT JUST ASCE MEMBERS)**

**BUFFALO WILD WINGS: 20110 E. JACKSON DR. INDEPENDENCE, MO 64057**  
**SILVERSTEIN EYE CENTERS ARENA: 19100 E VALLEY VIEW PKWY, INDEPENDENCE, MO**

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## ASCE Life Members for 2016 Announced

ASCE National Office has announced the achievement of LIFE MEMBERSHIP by several members in our Section. Our Chapter will recognize the new Life Members at our April Awards Luncheon. Please plan on attending the Awards Luncheon and help us to honor and thank the Life Members for their many years of service to our profession. Following is a list of our new Life Members:

Dennis Anderson

Bruce Banister

Patrick Barrett

Jerold Bishop

Randolph Bordner

Phillip Borrowman

William Clawson

John Franklin

Allen Harrold

Douglas Harwood

Steven Lett

Stephen Likes

Thomas Martin

Steve Meyer

Thomas Montag

Timothy Smith

Rodric Stuck

Kenton Weber

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## Help Wanted

CFS Engineers is looking for a Civil Engineer candidate for a position in their Branson, MO office.

Candidates can be recent graduates or experienced.

Currently they are working on the Branson Spirit of 76 project (<http://bransonspiritof76.com/>), an extensive (several years) project and the candidate would be a part of the design team for this project.

Interested candidates should contact Neila Seda at [nseda@cfse.com](mailto:nseda@cfse.com).

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## Be a Part of Our Newsletter

We are always looking for new topics for our newsletters. Are you working on a fantastic project? Is there news you would like spread around the engineering community? Have a flyer that's out of this world?

We want to include you! Contact Laura Irwin at [likirwin@transystems.com](mailto:likirwin@transystems.com) and your content could be featured in our next newsletter.

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