

KANSAS CITY
Civil Engineer
THE NEWSLETTER

May 2018

**UPCOMING
EVENTS**

May

**15th—YMG Election
Meeting**

**17th—Annual KC
Section Election
Meeting**

June

**15th—YMG Royals
Tailgate**

August

**10th—YMG Annual
Charity Golf
Tournament**

From the President



It's truly been a wonderful year this year. As you have seen in the emails announcing our May meeting, our annual elections to the Kansas City Board of Directors will be here on Thursday, May 17 from 5:45 to 7:30 PM. This is your chance to vote for the Board members that will steer the direction of the Kansas City Section for the next year, so make your vote count by attending! Haven't seen an email yet? Double check your membership status by logging onto ASCE.org. Email myself

(asce.kansascity.president@gmail.com) or Ozzy Bravo, your incoming President (OBravo@terracon.com) if you have any questions!

If you want to get involved, being a Board Member isn't the only way. There are plenty of opportunities to help out with a committee role (such as the Communications Committee, Programs Committee, 5k Planning Committee, History & Heritage, to name a few). Or you can get involved with one of the technical committees (EWRI, Geotech). If you have just a little time you can commit to? You can also reach out to any of the committee chairs; they'll appreciate the help! Get involved, stay involved and make the most of your membership!

It's been an exciting year with various monthly meetings covering a broad spectrum of topics. At our April meeting, we hosted our ASCE President-Elect, Robin Kemper, who gave us her presentation on the ASCE strategic initiatives. We also recognized all the award recipients, including the Project of the Year and the Engineer of the Year! The newly inducted Life Members were also recognized; congratulations once again to all our new Life Members and award recipients! Dream Big has gone beyond all expectations! Not only has it won several awards (including the Giant Screen Cinema Association's Best Film of the Year and Best Visual Events 2017 awards), it's also going to be seen on Netflix by July 1st, so keep an eye out! Of course, the next goal is to get Dream Big in every public school! To find out more about how you can help, reach out to Tony Kulesa (akulesa@burnsmcd.com)!

2017-2018 ASCE Directors

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Another great thing from this year, our Government and Public Relations (GPR) committee, with the aid of the St. Louis Section, updated and released the 2018 Missouri Infrastructure Report Card on Thursday, April 26 at the Missouri State Capitol. It was a great opportunity to visit the State Capitol, and get the word out about the updated grade. There were a couple of categories that went down in value, and a couple that improved, but overall, we maintained our C- grade, same as the 2013 Report Card. For more information about the grades and what we can do to improvement them, check out the website:

<https://www.infrastructurereportcard.org/state-item/missouri/>

So, what about the Kansas Report Card? Stay tuned, as the GPR committee, working with the Kansas Section and the Wichita Branch are working on the final report updates and anticipate a release in June 2018. Thank you to all the committee members, report card contributors, and all members that could attend the release itself!

Lastly, I want to take this opportunity to say thank you and that it's been an honor serving as your KC Section President these last 12 months! Please feel free to reach out to me if I can be of any assistance. Thanks again and enjoy your summer!

KC ASCE Section Volunteer Opportunities

Open Positions:

- **Webmaster**—provide consistent updates to content on the website. The time commitment is anticipated to be 2-4 hours per month.
- **2021 Centennial Strategic Plan Committee**
- **History & Heritage Committee**
- **EWRI Summit Planning Committee for the Fall 2018 event**

Please contact Mike Winckler at mjwink@gmail.com or Joe Sturgeon, wsturgeon@hntb.com



Membership Spotlight

Name: Ozzy Bravo

Employer: Terracon Consultants,
Project Engineer focusing on
Midwest Transportation

Alma Mater: University of Kansas,
Texas A&M University College
Station

Years in civil engineering: 10

Current position: Kansas City
Section President-Elect (and
applying for ASCE Region 7
Governor)



Previously: Director II and Associate Director; Kansas City YMG – President, Vice President / Treasurer, Professional Development Chair, Assistant Geotechnical Committee Chair, Annual Geotechnical Seminar Planning Committee fundraising for Scholarships to UMKC and KU.

What is your favorite memory from school?

ASCE-wise. Hosting the National Steel Bridge Competition in College Station, Texas. Getting the opportunity to get exposed to ASCE at the Society level was amazing, and jump started the desire to get involved with ASCE in as many ways possible!
School-wise. Late night studying with friends in civil engineering, making a few really close friends along the way. KU basketball games.



What is the best vacation you've ever been on?

Visiting San Antonio with my family after my sister's college graduation. Getting to see many historical sites with my family, especially my Dad as he grew up watching westerns, and I carry on in his passion for that era.

What are some of your hobbies?

Work. (People who know me closely will laugh because it might be true).

Soccer (playing, watching, discussing – mostly debating); Watching movies, especially classics. I enjoy watching movie classics regularly, especially if I own them on DVD, but I get to watch them on TV with commercials!

Name one fun fact that most people may not know about you.

I am a very open person, so not much about me people do not know. I really like to dance; I guess there aren't many events where we have dancing at ASCE. We definitely do when we go to the Multi Regional Leadership Conferences in the wintertime. Houston, Chicago, Minneapolis – great memories!

What is the best career advice you've ever been given?

Don't get too excited about finding the most perfect solution, there is a threshold of optimum simplicity in engineering analysis. Always work towards that! Not too complicated, but not too simple.

Region 7 Newsletter

Dear Region 7 Section, Branch, Younger Member, and Student Leaders and Student Chapter Faculty/Practitioner Advisors,

The latest ASCE Region newsletter is available at:

http://regions.asce.org/region7/sites/regions.asce.org.region7/files/2018_2_NewsletterR7_04_26_2018.pdf

Please note that this newsletter is only sent to section, branch, younger member, and student leadership. We need your help to ensure that links to the Region newsletter are spread throughout your local group in whatever way you communicate with your members.

We'd particularly appreciate links in monthly newsletters or direct distribution-whatever works best for your group.

If your group wants to contribute in the future, we always welcome content! Please send articles, in Word format, as you'd like them to appear (we do not edit extensively) to this email address.

Thank you!

The Region 7 Board of Governors

Diversity Corner

“When we lose the right to be different, we lose the privilege to be free.” – Charles Evan Hughes

Last month I had the honor of being one of the women featured on the cover of a special insert of the March 2018 ASCE News, in celebration of Women’s History Month. I also had the honor of having my picture placed next to a dear friend, a fellow K-State alum and our chapter’s former president. I thought it fitting, since she has played an instrumental role in my current involvement in ASCE – Kansas City. How many women do you recognize from the cover?!?

The insert was small but spoke about the issues women in our field still face today. The magazine could have been filled with many more issues, such as work-life balance, wage gap, unconscious bias in the workplace, or why 40% of women who have engineering degrees, never enter the workforce.



Also, we must note the positive changes being made in our field. Most notably, the ASCE Board of Direction (President, President-Elect and Past-President) are women, a first in the society’s history. That’s amazing!

If you did not have a chance to read the magazine, you can find the articles at the link below. It will not take long, but could provide you with a sense of comradery or maybe a new insight into the world of engineering for women today.

<http://news.asce.org/asce-news-series-women-in-civil-engineering/>

—Nicole Tauheed

GPR Committee

Kansas City Section at the ASCE Legislative Fly-In

Several members of the Kansas City Section attended the ASCE Legislative Fly-in in Washington, D.C. on March 12th-14th. The Legislative Fly-In brings ASCE representatives from every state and Puerto Rico together to visit their congressional members and advocate for funding and general awareness on key infrastructure issues. From the Kansas City Section Ernie Longoria, Jennifer Taylor, Tony Kulesa, and Mariah Schroeder represented Kansas, while Sheryl Gallagher represented Missouri and met up others from St. Louis in the effort.

Fly-In attendees were briefed on key infrastructure issues and trained on advocacy strategies by ASCE staff members, Representative Garret Graves (R-LA, 6th District), Representative Elizabeth Esty (D-CT, 5th District), and lobbying consultants.

All Fly-In delegates were asked to discuss the following with their elected officials:

- President's Infrastructure Plan
- Federal Aviation Administration (FAA) funding reauthorization
- Water Resources and Reform Development Act (WRDA) reauthorization with special attention called to the National Dam Safety Program and National Levee Safety Initiative
- Securing Required Funds for Water Infrastructure Now (SRF WIN) Act
- General awareness of 2017 ASCE Infrastructure Report Card as well as the upcoming release of KS and MO state infrastructure report cards

Sheryl and other Missouri delegates met with staffers from the offices of Senator Claire McCaskill (D-MO), Senator Roy Blunt (R-MO), Representative Sam Graves (R-MO, 6th District) and Representative Ann Wagner (R-MO 2nd District). We also attended Coffee with Claire on Thursday morning and had the opportunity to ask Senator McCaskill a specific question regarding long-term funding for infrastructure.

The Kansas ASCE members met with Representative Kevin Yoder (R-KS, 3rd District) and staffers from the offices of Senator Jerry Moran (R-KS) and Senator Pat Roberts (R-KS).

Key Contact Registration:

ASCE Key Contacts influence the policy process at the state and federal levels by developing relationships with elected officials and becoming a trusted advisor when bills are drafted or considered. Learn more and sign up here <http://www.asce.org/keycontacts/>. As a Key contact you will receive notifications about upcoming legislation as well as pre-drafted emails to make it easy for you to contact your elected officials.





Kansas City Section was well represented at the recent ASCE Legislative Fly-In.



KS group in front of the Capitol Building



KS Senator Jerry Moran's statement piece.



Picture on Senator Roy Blunt's meeting room.



Missouri Group with Claire McCaskill



KS Group with Representative Kevin Yoder

Missouri 's Infrastructure Report Card Release

The report card was completed by volunteers from the Kansas City and St. Louis Sections. After 13 months of work, the 2018 Missouri Infrastructure Report Card was released at the capital in Jefferson City, Missouri. Marsia Geldert-Murphey, ASCE Region 7 Director, was a great moderator. After the grades were released, speakers included Representative Kevin Corlew and Mark Coulter of PortKC. The overall grade remained at a C- unchanged from 2013. More information on the report card can be found here:

<https://www.infrastructurereportcard.org/state-item/missouri/>

After the release, visits with legislators occurred, furthering discussions of the new grades. A report card packet was delivered to each of the Senators and Representatives, even those who were not available for a meeting.

Our release made the news in the following locations:

[Civil Engineers. on KSDK-STL \(NBC\) - St. Louis, MO](#)

[Civil Engineers. on KSDK-STL \(NBC\) - St. Louis, MO](#)

[State infrastructure scores below average on annual report card](#)

[Civil Engineers. on KMIZ \(ABC\) - Columbia, MO](#)

[Society of Civil Engineers on KSMO - Kansas City, MO](#)

[Show-Me State gets a C- in 2018 infrastructure report card](#)

[Missouri infrastructure gets C- from national group](#)

[American Society of Civil Engineers. on KCTV-KC \(CBS\) - Kansas City, MO](#)

[Society of Civil Engineers on KCTV-KC \(CBS\) - Kansas City, MO](#)

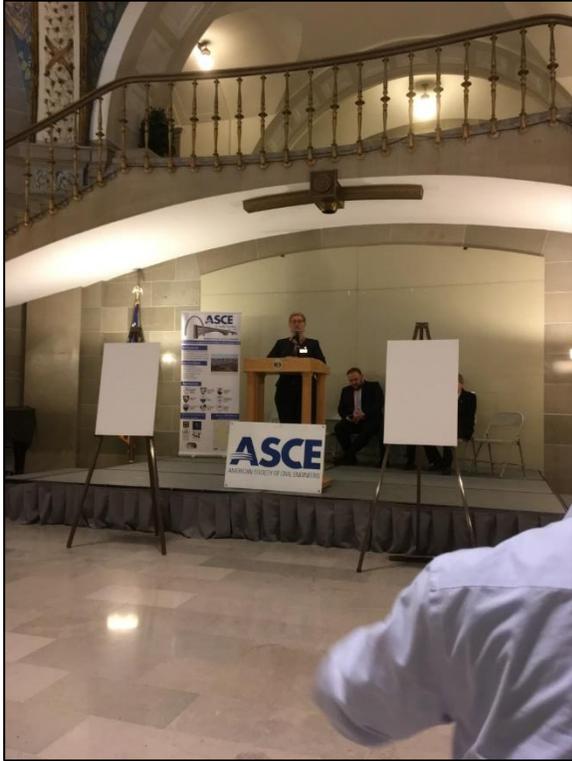
[American Society of Civil Engineers. on KOMU \(NBC\) - Columbia, MO](#)

We need your help!

Do you know someone who can help us create some super-short videos for promoting the report cards? Let us know! ascekc@kcengineers.org



View out of Representative Mike Kelly's office



Marsia Geldert-Murphey (Region 7 Governor) before the grades were revealed



Representative Kevin Corlew



Mark Coulter of PortKC



The group of ASCE delegates

Government and Public Relations Committee Advertisement:

The Government and Public Relations Committee needs your help educating our legislators and voters about the importance of funding infrastructure. We are planning the Kansas Report Card release and need help planning outreach events. If you have an interest in this committee or connecting with your elected officials, please contact Sheryl at sgallagher@geotechnology.com.

Life Members Tour at The Roasterie

We had our first event for ASCE Life Members at The Roasterie. We learned about how coffee beans were prepared and then sampled some coffee for ourselves. Afterwards, we went to the Boulevard Beer Hall for food and drinks.



Younger Member Group

The ASCE Kansas City YMG has been busy during Spring 2018 with our many happy hours, service engagements and other events. We are committed to serving the community in the Kansas City area and strengthening the network of young Civil Engineering professionals.

Upcoming Events

May YMG Elections

Join the Kansas City YMG for their elections meeting at Bier Station on May 15th! Volunteer to lead our chapter or vote for your favorite leader!

Food and drinks will be provided!

Bier Station

120 E. Gregory Boulevard

Kansas City, MO 64114

Tuesday, May 15th

6 pm to 8 pm



Save the Date

Royals Tailgate – Friday, June 15th



Charity Golf Tournament – Friday, August 10th

Hillcrest Golf Club



Sporting KC Tailgate - August 18th

Recap of Spring Events

Financial Talk with Phil Jennings

In February, former Burns & McDonnell engineer Phil Jennings held a seminar on financial planning for our members. Phil, now a financial advisor with Edward Jones, discussed how young professionals should work toward short and long-term goals specific to them. You can contact Phil at 913.851.0245.



Manufacturing Tour at Victaulic

In March, the YMG toured Victaulic's new 100,000 sq ft manufacturing facility in Riverside, MO to learn about pipe grooving, piping assembly, and freight strategies. Thanks to Victaulic for hosting us at their facility and treating our group to a happy hour at Chicken N Pickle afterward!



MoDOT highway cleanup

In April, the group met up for our bi-annual trash clean up on our ¼ mile stretch of I-435 as part of MoDOT's Adopt-A-Highway program.



UMKC ASCE Chapter

March

A couple of the UMKC student chapter officers and the steel bridge team attended STEM in the Gym, an annual event in the Raytown high school which showcases the variety of the STEM fields to 6th-12 students. The ASCE officers performed a structural building competition with marshmallows and spaghetti noodles, while the steel bridge team displayed the previous years bridge.



April

The UMKC student chapter recently hosted the president-elect, Robin Kemper, for a meet and greet breakfast with the student members at UMKC. Robin offered inspiring advice and fielded questions from the diverse group of civil engineering students, while also explaining the crucial role ASCE has had in her career.



MSU ASCE Chapter



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Community Involvement

Discover Engineering Day (2/17)

Discover Engineering Day is a community event held at MSU that allows people of all ages to come and see demonstrations and take place in engineering activities led by students and engineering firms from around town. This year we had 15 students volunteer their time to help with Discover Engineering Day.

MSPE Model Bridge Contest (3/28)

MSPE holds a model bridge contest every year. ASCE was happy to send volunteers to help test the contestant's bridges. We had 5 students volunteer at this event and 1 student who participated in the college division of the competition.

Spring Stream Clean-up (4/28)

ASCE Student Chapter has an adopted section of Jordan Creek in Downtown Springfield and hold a stream clean up once a semester. This semester our goal was to make the stream clean-up a bigger event than it has ever been before. Thanks to our generous donors and the hard work of those involved in the organization of the event, we were able to offer a happy hour after the clean-up.

Chapter Hosted Tours and Speakers

MSU ASCE Student Chapter tries to host a guest speaker or a tour once a month open to any students. The following is a list of the speakers and the tours that MSU ASCE has held since January.

Dane Seiler (CJW Transportation Consultants) (2/16)

Topic: Transportation Engineering

JTEC (Power plant) Tour (3/22)

Lead by:

Ty Alexander (Terracon) (4/6)

Topic: Geotechnical Engineering

**MSU Student
Chapter had a
great time at the
Mid-Continent
Student
Conference this
year!**

We competed in...

Concrete Canoe

Steel Bridge

&

**The Technical
Paper**

ASCE MSU STUDENT CHAPTER OFFICERS

President: Sabrina Keeling
snk2p7@mst.edu

Vice President: Nathan Webb
nw5yd@mst.edu

Treasurer: Kason Schwalm
kasq39@mst.edu

Secretary: Brittany Martin
blmbv8@mst.edu

Chapter Involvement with ASCE

ASCE Multi-Region Leadership Conference (1/26-1/27)

MSU ASCE sent 5 students to the ASCE Multi-Region Leadership Conference this year. The Students had a great time and came back with numerous suggestions to make the MSU Chapter a better chapter.

ASCE Mid-Continent Student Conference (4/19-4/21)

Canoe

The MSU 2018 Concrete Canoe was named the Queen City Canoe after our university town of Springfield, MO. The team placed 9th overall out of the 13 teams who competed. The team also brought home a second place plaque for the men's sprint.

Steel Bridge

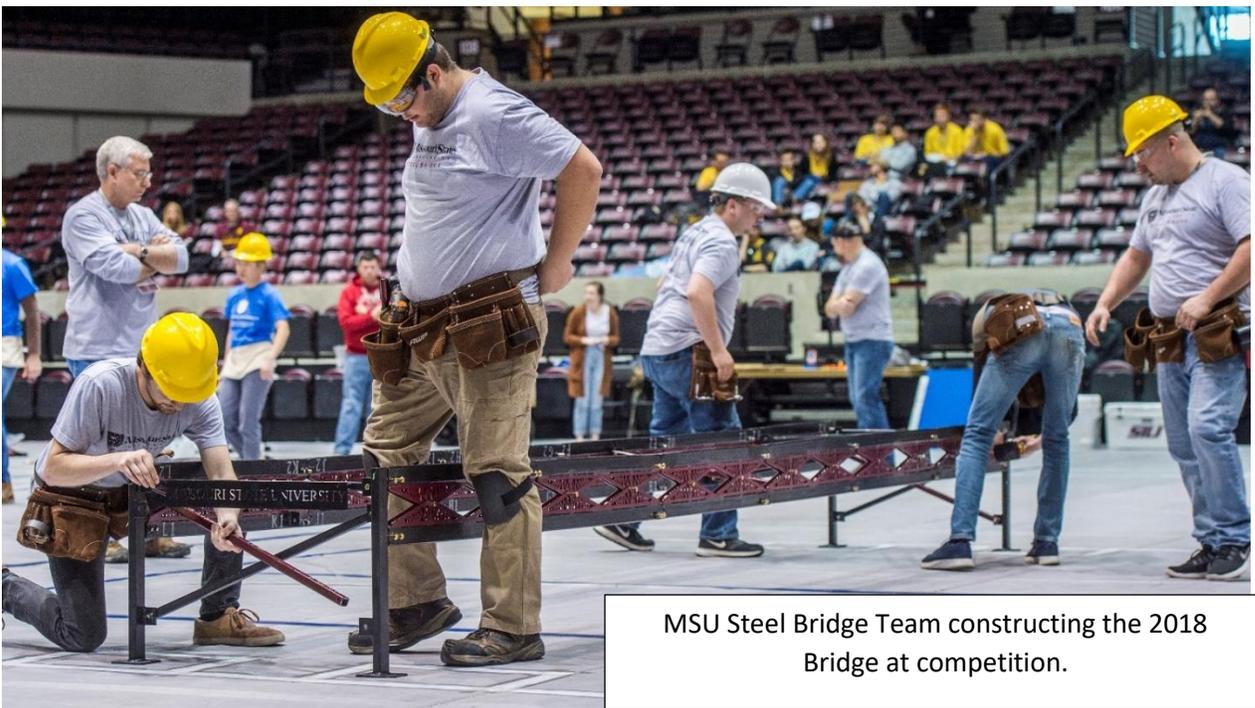
The MSU Steel Bridge took 7th overall out of the 13 teams who competed.

The Technical Paper

Tia Clemens took 2nd Place for MSU in the technical paper competition.



Members of the Canoe team getting ready for the co-ed race!



MSU Steel Bridge Team constructing the 2018 Bridge at competition.