



Civil Engineer

KANSAS CITY
THE NEWSLETTER

October 2015

UPCOMING EVENTS**October****3rd - MU Student****Chapter/KC ASCE
YMG Joint Tailgate****7th - YMG West Leg
Design Presentation****8th - Geotechnical
Evening Seminar****20th - Joint ASCE,
UMKC, & YMG****Meeting****November****19th - Joint SAME &
ASCE Luncheon****October 2015 Meeting****Joint UMKC, YMG, and ASCE Meeting****Floating Liquefied Natural Gas Plants****Event: Floating Liquefied Natural Gas Plants Presentation****Date: Tuesday, October 20th, 2015****Time: 6:00pm****Catered by: Chipotle****Location: UMKC Diastole (2501 Holmes St., Kansas City, MO 64110)****Speaker: Brian Schmidt****About our Speaker:**

Brian E. Schmidt is currently the energy chief engineer at Black & Veatch. In his role, he is accountable for energy engineering processes, engineering interfaces with other energy processes, incorporating continuous improvement and lessons learned for engineering processes, and resolution of project engineering issues. Prior to this role, Schmidt was the director of project controls within Black & Veatch's energy business. In this role, Schmidt was responsible to ensure that planning, scheduling and cost control was implemented on all Energy Division projects. Schmidt is experienced in the development of project schedules, cost reporting, and cost forecasting. Schmidt is also experienced in the design of site work, foundations, reinforced concrete, and structural steel, and in the preparation and administration of material handling equipment, general construction, and superstructure contracts. Schmidt has been involved in structural steel and reinforced concrete design of various material handling structures, coal fueled power plant structures, combined cycle and combustion turbine structures, SCR structures and ductwork, and structural modifications for CEM systems.

Registration: MUST register by October 16th if you would like food.

REGISTER HERE: <https://events.r20.constantcontact.com/register/eventReg?llr=nj4vwaoab&oeidk=a07ebhynst6aa551461>

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From the President

Here's to a new year...

It is truly an honor to be able to serve as the Kansas City Section President for the upcoming year. My years of involvement with ASCE have been very rewarding and I look forward to this next opportunity. I want to thank last year's President, Jennifer Taylor, for making the transition easy by doing her job well. Jennifer did a great job in her role as President and will leave a lasting mark on the section. Thanks Jennifer!

We have spent the summer looking ahead, setting some goals, and coming up with a lot of interesting and worthy events for the coming year. Of course we will continue to have our monthly luncheons. These are excellent networking opportunities and the presentations always qualify for a PDH. We try to vary the location and topics so that there is something for everyone. We typically partner with another organization for luncheons and are looking forward to our traditional joint meeting with the UMKC student chapter for our October luncheon.

Looking way ahead, our April meeting is our annual awards luncheon and the National President Elect visit. Last year we introduced two new awards (the project of the year award and the engineer of the year award) and we will continue to build on that tradition this year. Please give thoughtful consideration to projects and people worthy of these awards and look for a call for nominations to come out the beginning of next year.

Also in the spring we are planning for a ribbon cutting for the ASB kiosk. A tremendous amount of work and organization has gone into making this structure a reality. I want to thank Roy Bravo, Dave Silverstein, and Jennifer for their focus over the last few years to bring the project to fruition.

From the President, Cont'd

In my experience it is not the luncheons that are the most rewarding part of ASCE membership. It is the other opportunities to get involved with things that really make a difference. At the national level, ASCE has identified three core initiatives including: Infrastructure Awareness, Sustainability, and Raise the Bar (continuing education for engineers). Take time to go to the ASCE national website www.asce.org and open your eyes to a broader view of ASCE.

At the section level we have committees and events that are designed to support the national initiatives. I personally have found it rewarding to work on the Government and Public Relations committee. This committee has been involved in infrastructure advocacy, by creating infrastructure report cards for both Kansas and Missouri. These documents can be viewed at <http://www.infrastructurereportcard.org/states/>. In addition, this group takes the infrastructure message to the state capitals and to Washington DC by speaking directly to their legislators in organized drive-in and fly-in events. The committee tries to raise awareness of the need for proactive infrastructure maintenance and the need to fund these activities consistently.

The government and public relations area is where I have found my calling in ASCE, but I would encourage each of you to explore the opportunities within ASCE and see what might be a good fit for you. The section has many committees to support the national initiatives, our technical needs, and the day to day operation of the section including: Sustainability, Geotechnical, Environment and Water Resources, Structural, Diversity, Program, and Communications committees to name a few. Please consider giving of yourself by becoming involved in the ASCE Kansas City section. As Winston Churchill once said "We make a living by what we do, but we make a life by what we give."

Sincerely,

Tom Jacobs, P.E.

President, Kansas City Section ASCE

ASB/ASCE Kiosk Nears Completion

Roy Bravo, the Committee Chair for the ASB/ASCE Kiosk Project, is pleased to announce that on August 28, 2015, the Kiosk Project site work, and the Kiosk counterweights installation was completed. We are now in the process of preparing, procuring, and installing informational panels regarding the ASB Bridge, the Administration Building, and the River Front Trail, celebrating the rich engineering history of Kansas City, Missouri, and recognizing the engineering firms that contributed to the Kiosk Project, as well as the work they have done in the Kansas City metropolitan area.

Here's a brief history of the project.

In 1996, the Kansas City Section of ASCE commemorated the Armour-Swift-Burlington Bridge as a National Historical Civil Engineering Landmark. A plaque was prepared in conjunction with the 75th anniversary of the ASCE Kansas City Section. The ASB Bridge is one of the few bridges that has a section that can be raised to allow large boats to travel under it.



At the time of the commemoration, a rendering of the ASB/ASCE Original Kiosk Concept was prepared which included a simple wooden structure with informational panels. The River Front Trail system was not complete, and access to the anticipated site was limited. It will not be until much later that a suitable site was selected for the ASB/ASCE Kiosk project. Located just southwest of the ASB Bridge and along River Front Trail the Kiosk Project will be visited by people using the trail.

Working with the Port Authority, the Kansas City Section of ASCE had the remaining brick walls of the Missouri Pacific Produce Terminal Administration Building demolished to its foundation. The Kiosk Project used the Administration Building's foundation and placed six pre-cast concrete structures that emulate the ASB Bridge's counterweights.

The project also includes adding a topping slab, handicap access, informational panels, and some grading and sodding around the building's foundation.

Geotechnical Committee

The Kansas City Geotechnical Group kicked off the 2015-2016 year with a breakfast meeting at Black & Veatch's P Building on August 7. For the 2015-2016 year, the committee is planning a Specialty Conference that is scheduled for Friday, January 15, 2016, and an Annual Conference that will be held in the latter part of April, 2016. Three Geotechnical Evening Seminars are planned at the UMKC Diastole Scholars Center, 2501 Holmes Street, Kansas City Missouri: October 8, 2015; December 3, 2015 and March 3, 2016. Seismicity will be the theme of the Specialty Conference in January. The October 8 evening seminar will feature a presentation by Dr. Deep Khatri of Terracon, titled "Laboratory and Field Performance of Buried Steel-Reinforced High Density Polyethylene (SRHDPE) Pipes in a Ditch Condition under a Shallow Cover." The October evening presentation will be sponsored by PTM Engineered Foundation Construction.

Diversity and Inclusion Committee

"Diversity is the one true thing we all have in common. Celebrate it every day." – Unknown

The Diversity and Inclusion Committee (CDI-KC) is excited to begin a new year. Our goal "to create awareness within our Chapter on the vast diversity amongst our members, opening the door for differences to be understood and valued, fostering a culture of acceptance and inclusion," remains the same as we continue to grow and become more involved in the community.

We had a very successful inaugural year. CDI-KC sponsored the September Monthly Meeting, "Solving the Diversity Puzzle"; co hosted a joint Meet & Greet with the ladies of the Society of Women Engineers, and profiled local engineers in the Kansas City area for the quarterly newsletter.

This year we will continue to develop the new relationships formed with SWE - KC, NSBE (National Society of Black Engineers) and WTS (Women's Transportation Seminar). First, SWE – KC is looking for volunteers to pack BackSnacks for their November Meet & Greet. Harvesters' BackSnack program provides a weekly backpack filled with nutritious, child-friendly food for school children to take home over the weekend. More than 100,000 children in Harvesters' service area receive free and reduced-price school meals during the week. Many of those are at risk of hunger on the weekends. Let's lend some ASCE spirit to Harvesters' and SWE-KC for this worthwhile service event!

If you are interested, please RSVP by October 23rd. There are 40 volunteer slots available to ASCE, and the event is open to everyone, so feel free to invite friends, family and coworkers. Please note, children under 8 years old are not allowed in the warehouse for safety reasons. See you there!

Who: SWE – KC November Meet & Greet

What: Harvesters' BackSnack Volunteer Program

When: Sunday, November 8, 2015, 10:30am – 12:30pm

Where: Harvesters' (3801 Topping Ave, Kansas City, MO 64129)

RSVP: swεκrsvp@gmail.com by October 23rd! Please indicate the number of adults and children participating.

Government and Public Relations Committee

The Government Public Relations (GPR) Committee has had an active summer and will round out the year with additional activities. Here's the recap:

Ernie Longoria, P.E. attended National ASCE's State Advocacy Captain's Training. National is looking to grow advocacy for ASCE initiatives at the state and local levels. They have a number of resources and staff to provide support to members in telling ASCE's story. Resources include the Save America's Infrastructure app outlining report card assessments on the Nation's infrastructure, Raise the Bar, a report on what the 21st Century Civil Engineer will need to know to be an effective leader, and sustainability programs including the Envision rating system. More information can be found at http://www.asce.org/issues_and_advocacy/.

Ernie also provided a presentation to the Whiteman Air Force Base Community Council's luncheon on August 5th. The Air Force Base partners with the surrounding communities to talk about issues impacting the quality of life of the civilians and of the service members. Ernie's presentation introduced the Council to the Kansas City Chapter of ASCE and talked about the many committees and activities the Chapter and its Institutes undertake. The presentation also included a brief discussion of the ASCE National Infrastructure Report Card and the current impasse in Congress to pass a long-term Transportation bill. Information about the luncheon and presentation appeared in the Concoridian and 8 other local newspapers.

The Government Public Relations Committee will be hosting a PR University in December. The workshop will cover non-engineer topics such as Public Speaking, Outreach, working with the Media, and effective writing. Detailed registration information will be posted soon.

Interested in getting involved in GPR activities? Contact Ernie Longoria at ernie.longoria@opkansas.org. Want to be Key Contact? Sign up today at: <http://www.asce.org/keycontacts/>



Metro Stop - Ernie's experience on the Metro when all the riders were asked to get off a broken train during morning rush hour in the D.C.

Younger Members Group

We had our annual ASCE Younger Members Group Kickoff Meeting at Waldo Pizza! The over 60 members in attendance enjoyed the pizza and drinks. After eating, the Officers spoke about their committees and upcoming events. We had KC Section members in attendance, including President Mr. Tom Jacobs, as well as several student leaders from the UMKC student chapter. Hopefully we'll see you all again at our upcoming events: our Professional Development Event with the KS Section in Lawrence on October 7th or at Science Pioneers School Outreach Event on October 24th!



Three younger members visited the Missouri S&T ASCE Student Chapter on September 16th and shared their engineering career experiences with them. The audience was great with 50 attendees! Missouri S&T was excited to announce that they will be hosting the Mid Continent Regional Competition in May and may be looking for volunteer judges within our KC Section. In recent semesters, the KC ASCE YMG has been invited to different nearby universities to present about the benefits of ASCE membership and involvement beyond college and highlight our members. If you are interested in participating in these outreach efforts, please contact our Membership Chair Jay O'Dell!



Meet our Kansas City Younger Members Group Officers for 2015-2016!



2015 ASCE Golf Tournament

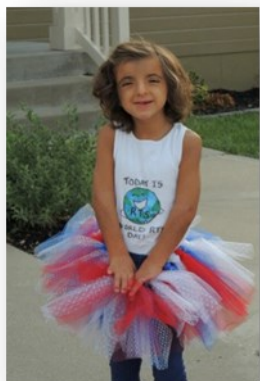
“A Decade of Driving for Dollars”

The ASCE Kansas City Section celebrated the 10th year anniversary of the golf tournament hosted by the Younger Members Group on August 21st. This event benefits Make-A-Wish Missouri with around \$13,000 in proceeds for this year. The tournament was played at Falcon Ridge Golf Club in Lenexa, KS which provided an enhanced quality to make this year truly special! The participants enjoyed perfect weather with Boulevard beers, a barbeque lunch and much more. This annual occasion has grown to become one of the best networking and events for Civil Engineers in the Kansas City Area.

Thanks to the generosity of our sponsors, the wishes of two children were able to be supported. The first of which is 11 year old Ally who was diagnosed with Rubinstein Taybi Syndrome. This rare disorder causes her to suffer from frequent severe seizures and requires many surgeries. Ally is non-verbal but displays her affection in the truest form. Her wish was to have a sensory playset which was installed with the help of Younger Members Group volunteers in May. The second wish child is 10 year old Tyler who was diagnosed with CHARGE Syndrome, a rare and extremely complicated diagnosis that causes severe sensory impairment. Despite his extreme physical challenges and communication limitations, he has learned to read binary clocks, as well as do mathematics well beyond his grade level. Tyler has wished for a tree house of which the Younger Members Group intends to assist with the design/build of in the Spring of 2016.

The planning for this event begins a year before the event and would not be possible without the significant time contributed by the committee members and volunteers. This experience allows for those involved the opportunity to develop important organizational and leadership skills in a controlled and safe setting. Official meetings were hosted on a roughly bi-monthly basis. There is a large amount of coordination involved with the course, sponsors, Make-A-Wish and vendors. Also, a significant amount of unique materials are required to be developed for marketing and the website. At “Pound the Pavement” events, volunteers visit local businesses in order to solicit prizes to distribute at the golf tournament. With a lot of cash flow in and out of our account, the financial bookkeeping is a critical effort. The planning committee of 12+ was splendid, and due to their effort and preparation, the tournament went smoothly with little chaos!

2015 ASCE Golf Tournament Cont'd



Thank you to all of our 2015 Golf Tournament Committee Members!

Co-Chair – Tony Kulesa, Burns & McDonnell

Co-Chair – Tom Greer, Burns & McDonnell

Treasurer – Emily Robbins, Burns & McDonnell

Marketing Coordinator – Tyler Garrett, BHC Rhodes

Food/Beverage Coordinator – Kyle Ervin, HNTB Corp.

Charity Coordinator – Jessica Garder, Burns & McDonnell

Volunteer Coordinator – Josh Crain, Genesis Structures

Prize Coordinator – Chad Brenton, Burns & McDonnell

Golf Course Coordinator – Jeff Bell, HNTB Corp.

Sponsorship Co-Coordinator – Paul Eggers, GEI Consultants

Sponsorship Co-Coordinator – Matt Fischer, Burns & McDonnell

Website Coordinator – Ethan Buhman, Walter P Moore

UMKC

This past May, UMKC ASCE Student Chapter hosted the 2015 National Student Steel Bridge Competition. Nearly 50 teams from universities across the United States and the world competed after becoming regionally qualified to compete in Kansas City. From the chapter's perspective, the event was a success. Our hard work and diligent planning paid off as the competition ran along. This was especially evident at the end of the competition when the competition finished sooner than it ever had before. We could not have pulled this off without the volunteers, many of which were Kansas City Section members, and the financial support that the Kansas City Section and the Kansas City Chapter of the Structural Engineering Institute. Thank you all for helping us. This competition would not have been the great success it was without you.

Looking forward, the ASCE UMKC Student Chapter is looking forward to hosting a joint meeting with the ASCE Kansas City Section and their Younger Members Group later this month. This event will be held on October 20th at the UMKC Diastole, beginning at 6:00pm. Brian Schmidt from Black & Veatch will be speaking about their recent work in floating liquefied natural gas and about how he got to where he is today. Chipotle burritos will be served for dinner at a cost of \$10 per person. A registration form will be sent out. If you have any questions about the 2015 National Steel Bridge Competition, the October joint meeting, UMKC ASCE, or UMKC Steel Bridge please contact Paige Norris at plnggb@mail.umkc.edu.



Like Us on Facebook

ASCE - Kansas City Section has a brand new Facebook page. Go online to www.facebook.com/ascekc to get the latest updates, events, and news for the coming year. Show your support for ASCE and stay involved! The first 100 members to like the page are registered for a chance to win a \$25 Visa gift card. The page is also linked to our website, with quick access to our events calendar, directors, and contact information. Staying connected with your local chapter has never been easier. Like us today!

