



Civil Engineer KANSAS CITY

THE NEWSLETTER

May 2015

UPCOMING EVENTS

May

16th– YMG Highway Clean up

19th– YMG Coreslab Structures Tour

20th– May Luncheon Meeting

20th– YMG May Meeting

June

5th– YMG Royals Night

May 2015 Meeting Sustainability in the Crossroads Sponsored by Stop Midwest Corrosion

Event: Sustainability in the Crossroads: Innovative, Green Designs and Technologies for Vibrant Communities

Date: Tuesday, May 19th, 2015

Time: Noon to 1:00 Luncheon and Presentations
1:00 to 2:00 Walking Tour and Rooftop Networking (weather permitting)

Location: Webster House – for dining and presentations
644 Wyandotte Street, Kansas City, Missouri, 64108
Walking Tour – 8 blocks roundtrip within Crossroads District

Parking: Available on site & free with validation (map to be provided later)

Price: \$25 (includes cuisine from Webster House)

PDHs: Two

Description: Learn about and see first-hand...

- The first and largest permitted green roof stormwater facility in Missouri @ Kauffman Center for the Performing Arts
- How a specially-designed urban community garden benefits Kansas City's water quality @ 18th and Broadway
- Advances in automated technologies that are augmenting infrastructure performance, and improving health and safety in our cities and water ecosystems (via work with the EPA and GSA)
- How to take advantage of 20 local bike-sharing stations to track your fitness goals, mileage, calories, and carbon offsets @ 19th and Wyandotte
- The rooftop deck of an entrepreneurial firm @ 19th and Broadway that provides sustainable design and construction services as part of its focus on affordable housing and economic development in Native American communities nationally

Presenters:

Jeff Bruce, President, Jeffrey L. Bruce & Company, LLC

Steve Rhoades, Principal, Vireo (formerly Patti Banks Associates)

Kevin Marsh, Vice President, OptiRTC

Eric Vaughan, Operations Manager, Kansas City B-cycle program of BikeWalkKC

Ashley Bland, Director of Design and Construction Services, Travois

REGISTER HERE:

<http://events.constantcontact.com/register/event?llr=nl4vwaoab&oeidk=a07eawubc7n9c6cf1dd>



2014-2015 KC-ASCE Officers**President:**

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From the President

It's so hard to say goodbye...

This will be my LAST President's Message. My term as President of the Kansas City Section ends on May 31st. I am sad to see my term end, but excited to start a new chapter in my life...joining a prestigious group of Past Presidents.

It has been an amazing year. The Kansas City Section has made a huge impression on the Civil Engineering community, both locally and nationally. Below is a recap of the amazing accomplishments this year!

Communications: Brant Vermeer our Communications Chair has a huge role to fill and ALL information is advertised and distributed through him. He did an amazing job keeping up with all of it! He and John Blancett produced four excellent Newsletters.

Scholarships and Awards: Chad Johnson and Chester Bender led the effort to create two local awards the Engineer of the Year and the Project of the Year which were presented at the awards luncheon in April. As usual they also presented the Outstanding and Distinguished Senior Awards to UMKC Students and Awarded 16 Life Members. Our members also received two national awards and three region and multi region awards. The Geotech committee also distributed \$11,307.36 to the ASCE/AEG/UMKC Peck-Garstang-Williams Scholarship Endowment Program at UMKC and gave \$3,750 to the KU Endowment-Sponsorship Program.

Technical Activities and Institute Activities: Bill Powers, Brandon Haddon, and Marc Schlebusch led the Institutes with excellence. Each of these groups provided exceptional and diverse programs to allow members to earn Professional Development Hours.

Public Outreach and Education Activities: Mike Winckler and the YMG had another hugely successful year! Their annual Golf Tournament was triumphant for the Make a Wish Foundation. This group does it all...philanthropies, student outreach, highway cleanups, habitat for hu-



From the President, Cont'd

manity, professional development, sporting events and tailgating, as well as monthly social happy hours. Don't be fooled by the name of the group, EVERYONE IS WELCOME!

This group provided our members the opportunity to impact students at every level of education from Elementary to College. Many of us with kids may not always have time to join these scheduled ASCE events but I know that each of you is still impacting your child's classroom. It's easy and very rewarding to get involved!

Diversity and Inclusion: To meet the needs of our diverse membership Nicole Tauheed has spearheaded the revival of this committee last spring. Since then, they have hosted two events and written articles for every newsletter. They exceeded expectations already by hosting the September Luncheon with a wonderful presentation from Mr. Mahesh Sharma. On April 9th they joined forces with SWE, NSBE, APWA Diversity Committee, and WTS to have a meet and greet event at the Well. Both events were very well attended.

Sustainability: This committee was created early this year and since then Doug Dietrich, Brent Gerard and Maggie Melcher have been hard at work creating alliances with other like-minded organizations and have collaborated to put on two very successful events. The first was an expert panel discussion about the Envision Rating System and its use in KC and Case studies. The most recent event was an Inspiring Film Festival focusing on Sustainability. I look forward to the event they have planned for us on May 19th that includes a sustainable walking tour!

All of our committees and the board have been very active over the past year, providing value to each one of our members and the community...while promoting our profession. If you are interested in being a part of this wonderful organization, we are currently looking for volunteers for committee positions. Please contact me or one of our board members if you are interested.

As one of my last duties as President... I'd like to introduce the 2015-2016 President of the Kansas City Section, Tom Jacobs. Tom is a Stormwater Engineer for the City of Lenexa. I can't think of a better person to carry on the legacy as our next President. I think what impresses me most about Tom is his willingness to volunteer for the hard stuff and his proven track record of being about to overcome any obstacle in his path. He will fearlessly accomplish great things next year to bring his vision to life. We have an Excellent Board and Leadership this coming year! I am so proud of all that was accomplished this past year and am thrilled to see what is to come!

Good Luck Tom!!!

Jennifer C. Jacka-Taylor, P.E., M.ASCE
President, Kansas City Section ASCE

ASCE Life Members 2015

ASCE National Office announced the achievement of LIFE MEMBERSHIP by several members in our Section. Our Chapter recognized the new Life Members at our Awards Luncheon on April 14th. The following new Life Members were able to attend the luncheon:

Maurice L. Bowersox, PE, M.ASCE: Currently is the owner of Engineering Resources a consulting firm he founded in 2005. Previously he was a principal with Wilson & Company where he worked from 1973 until retiring in 2004.

Michael (Mike) C. Hale, PE, M.ASCE: Retired in December 2011 from the City of Overland Park Public Works Department where he was the head of the Maintenance & Facility Section. He retired after 36 years with the city.

Leonard (Len) J. Kriesky Jr., PE, M.ASCE: Currently is a Vice-President at Black & Veatch Energy where he manages business development for their Energy Business Division. He has over 40 years of experience in the design and construction of electric generating facilities.

La Mont (Monty) A. Nigus, PE, M.ASCE: Currently is a Project Manager in the Hydropower and Hydraulic Structures Department, Water Business Division of Black & Veatch. He has over 42 years of experience with Black & Veatch serving in many design and project management roles.

M. Clark Thompson, PE, M.ASCE: Currently is a Group Leader with Larkin Lamp Rynearson. He previously served as the president of the Larkin Group from 1992 to 2012 prior to the merger with Lamp Rynearson & Associates. He started with Larkin & Associates in 1973 and has worked on the design of a variety of municipal water and wastewater projects.

The following new Life Members were unable to attend the luncheon:

David E. Evers, PE, M.ASCE: Currently is a Vice-President of Research and Development for BlueScope Buildings (formerly Butler Manufacturing).

Michael (Mike) L. Giles, PE, M.ASCE: Currently is the Principal Civil Engineer for the City of Springfield, Missouri.

Ronald E. King, PE, M.ASCE: Retired from USEPA

Jerry A. Nachtrab, PE, M.ASCE: Currently is a principal with Walter P. Moore in Kansas City, Missouri.

Gary M. Schuman, PE, M.ASCE: Currently is a construction products specifications consultant in Olathe, Kansas.

Donald D. Steele, PE, M.ASCE: Currently works for Bordner Engineering Services in Raytown, Missouri

Philip C. Terry, PE, M.ASCE: Currently is a structural engineer with Burns & McDonnell.

Steven L. Tritsch, PE, M.ASCE: Currently is the chief engineer for JC Supply and Manufacturing.

Douglas Waltemath, PE, M.ASCE: Currently is a Senior Bridge Engineer with Burns & McDonnell.

Chris D. Wilson, PE, M.ASCE: Retired from the City of Kansas City, Missouri public works department.

Thomas D. Wright, PE, M.ASCE: Retired from the Corps of Engineers in 2008.

Diversity and Inclusion

When: April 10, 2015

Where: The Well, 7421 Broadway St, KCMO (Waldo)

Who: ASCE Diversity & Inclusion Committee
Society of Women Engineers – KC
American Public Works Association
National Society of Black Engineers
UMKC ASCE & SWE Student Chapters
Women’s Transportation Seminar



What: One of the goals for the Diversity & Inclusion Committee this year was to form relationships with other engineering societies in the area. In March, leaders from ASCE, APWA, NSBE, UMKC, SWE and WTS met to discuss ways to collaborate on joint events and support chapter events in the future. The Meet & Greet was a huge success! Members from each organization attended and were treated to free food and door prizes. It was a great opportunity to network between professionals and to learn about each organization.



UMKC National Steel Bridge Competition

UMKC's ASCE Student Chapter is keeping busy. UMKC is hosting this year's National Student Steel Bridge Competition (NSSBC), and we welcome you to come and check it out! The event is full steam ahead and will be taking place at the Kansas City Convention Center (Bartle Hall) May 22nd and 23rd. Feel free to stop by and cheer on the competitors during the Display competition (Friday afternoon), or the Construction Competition (all day Saturday). More information can be found regarding the event at our website – www.sce.umkc.edu/nssbc.

UMKC's bridge, at the time of writing, is wrapping up fabrication and we are looking forward to a strong showing in the regional competition at KU.



We are always looking to collaborate with other facets of ASCE KC, so if you are interested in visiting UMKC, or if you would like to present to the student members, please contact Paige Norris at plnggb@mail.umkc.edu. Kansas City Section and Younger Members Group members are welcome to any of our meetings. Please email Paige if you have any questions or would like to RSVP to any events. We look forward to continuing to work with the KC Section and the YMG in the near future.

Springfield Branch

We need a dedicated champion in the Springfield area. In 2011, the Section came very close to starting a Branch in the Springfield, Missouri area, but our southern champion became overcommitted with other activities. The Section and Region 7 are in full support of starting a Branch in Springfield, in order for our members to maximize the benefits of their membership and to attract new members. Of our 1,400 members in the Section, there are approximately 120 members in the southern 20 counties of our Section's extents. During the previous push to get the Branch started, we were able to consult with our fellow Topeka Section and their associated Wichita Branch for ideas. If you are interested or if you know someone in the area that may be interested in this opportunity, please contact the ASCE Kansas City Section Board - Secretary - John Blancett, PE, ENV SP (jblancett@hntb.com or 816-527-2539).

2015 ASCE Distinguished Chapter Award for Region 7

“UMKC won the 2015 Distinguished Chapter Award for Region 7! The Kansas City Section and Board want to congratulate them on this huge honor! They are so deserving and have accomplished so much in such a short time! Congratulations to Paige for her great leadership and all the students who worked so hard to earn this honor! And thanks to all of you who helped them out this year!”



April 29, 2015

John Kevern, P.E., M.ASCE
ASCE Student Chapter Faculty Advisor
University of Missouri-Kansas City
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RE: 2015 ASCE Distinguished Chapter Award for Region 7

Dear Prof. Kevern,

It is my pleasure to inform you that the University of Missouri-Kansas City ASCE Student Chapter has been awarded the 2015 ASCE Distinguished Chapter Award for Region 7 by the ASCE Committee on Student Members. This award is made annually to the most outstanding Student Organization in your Region. Your Student Chapter was recommended for this award by the Committee on Student Members based on activities recorded in the Student Chapter's 2014 annual report. In recognition of this achievement, a plaque will be sent to your Region Director, F. Jay Burress. Please contact Mr. Burress to arrange for the plaque to be presented to your Student Chapter.

On behalf of the ASCE Member Communities Committee, congratulations to the Student Chapter officers and members, to the Practitioner Advisors, and to you as Faculty Advisor. In particular, the Society recognizes and sincerely appreciates your personal contribution, enthusiasm, and hard work, which result in outstanding Student Organization programs such as yours.

Sincerely,

A handwritten signature in cursive script that reads "Leslie Payne".

Leslie Payne, A.M.ASCE
Director, Student and Younger Member Programs

Cc: F. Jay Burress, P.E., M.ASCE, Director, Region 7
Jennifer Jacka-Taylor, P.E., M.ASCE, President, Kansas City Section

Legislative Fly-in, Washington D.C.

Every spring, ASCE members from around the country Fly-In to Washington D.C. to advocate for infrastructure. As the ones who design new and repairs for infrastructure, ASCE members are in an ideal position to comment on the state of the nation's infrastructure. This year, the Fly-In focused on getting appropriations passed for last year's Water Bill that Congress passed and seeking support for passing a long-term transportation bill.

The Welcoming Session introduced members to this year's issues and highlighted progress in getting infrastructure funding to be a topic talked about around the country. A YouTube video update from John Oliver (<https://www.youtube.com/watch?v=Wpzvaqypav8>) showed that even comedians understood the importance of maintenance and adequate funding.

Representative Blumenauer from Oregon spoke to the membership about his proposal to raise the gas tax incrementally over the next five years and then index it to inflation. He then mentioned other proposals that boosted funding through overseas tax reform, but said that only provided a one year injection of revenue and then Congress would have to wrestle again with long term funding for surface transportation. He then took questions from the membership and spoke about how President Reagan was able to double the gas tax in 1984. Representative Blumenauer closed his remarks by thanking the audience for the engineering work they do and engaging legislators to pass sustainable long-term transportation funding.

The rest of the second day was spent navigating the halls of the Congressional Office Buildings. Meetings with the Congressional Staff were mixed. Some were aware that the nation's Highway Trust Fund, which was last increased in 1993, was due to run out of money this summer. Some Congressional Staff even questioned why the Highway Trust Fund, funded by the gas tax, was never indexed to inflation. Others were not willing to indicate they could support an increase to the gas tax and instead looked for other ways to fund surface transportation.

The visits were concluded with an open reception for Congress and their staff to meet ASCE members at the ASCE President's Reception. It was a less formal meeting than the earlier office visits and gave members an opportunity to compare notes and share how their meetings went.

Overall, it was a great to see progress being made and how better understood the importance of infrastructure funding is being seen at the National level. Years ago, the meetings were more about explaining what infrastructure is and how Civil Engineers are involved. Today, the meetings talk more about specific goals for legislation and getting the language right to get enough support for passage.

Legislative Fly-in, Washington D.C. cont'd



From left to right is Aaron Frits (Kansas Section), Ernie Longoria, Jennifer Jacka-Taylor, and Sheryl Gallagher (Kansas City Section)



From left to right is Dennis Boll (St. Louis Section), Senator Claire McCaskill, Sheryl Gallagher (Kansas City Section)

FHWA Director's Visit to KC

FHWA Director's Visit to KC

As part of the Business Forward initiative, the Federal Highway Administration's - Deputy Administrator -Greg Nadeau met with various Kansas City area business leaders and ASCE Kansas City Section leaders to discuss the anticipated transportation funding challenges and strategies. Also in attendance was Missouri's Transportation Commission Chair – Stephen R. Miller, to mention the state's challenges related to transportation focus and funding. The following are some of the topics that were discussed:

- Missouri not allocating enough transportation funds to receive the federal match
- Political issues in infrastructure decisions
- Anticipated technological benefits in transportation
- Long term revenue streams for transportation
- Future of toll roads
- Tax Reform challenges during the current election cycle
- Other states that overcame their internal funding crises
- Priorities related to rail funding
- How to convince the public of infrastructure importance



From left to right: John Blancett, Jennifer Taylor, Jay Bures, Greg Nadeau, Sheryl Gallagher, Adrian Keller, and Sara Somsy

ASB Bridge/ASCE Kiosk

In 1996 the Kansas City Section of ASCE commemorated the Amour-Swift-Burlington Bridge as National Historical Civil Engineering Landmark. At that time, a rendering of the ASB/ASCE Original Kiosk Concept was prepared which include a simple wooden structure with informational panels.

The Kiosk Committee received bids from four contractors for the construction of the Kiosk Project and is currently working with one of the contractors. The Kansas City Section funded the ASB/ASCE Kiosk Project this month. The Kiosk Committee is working with the Port Authority on finalizing the MOU and some specifics regarding the Project.



The Kiosk Project is scheduled to be completed later this year. The two new committees continue to work on preparing and procuring the informational panels and coordinating the Commemorative Celebration.

Congratulations to Our New Members

Kayla Edler, A.M.ASCE

Matt Fischer, EIT, A.M.ASCE

Matthew Gotobed, Aff.M.ASCE

Elizabeth Hiatt, A.M.ASCE

Ryan Kubr, A.M.ASCE

Meagan Malloy, A.M.ASCE

Paul E. Miller, P.E., M.ASCE

Joseph Paiva, P.E., P.L.S., M.ASCE

Andrea Phillips, P.E., M.ASCE

Bruce Roberson, P.E., M.ASCE

Sheila Shockey, Aff.M.ASCE

Clifford Spangler, A.M.ASCE

YMG Night at the Royals



Join the ASCE Younger Members Group as they watch the defending American League Champion Kansas City Royals! Also join us for a tailgate sponsored by Emery Sapp & Sons!

- Date: Friday, June 5th
- Game Time: 7:10pm
- Game Location: Kauffman Stadium
- Tailgate Time: 5:00pm
- Tailgate Location: Lot N
- Royals will take on the Texas Rangers
- Enjoy Buck Night & Fireworks
- First 10,000 Ladies receive a Summer Infinity Scarf
- Game tickets cost \$20
- Tailgate tickets cost \$5
- Register and pay through Constant Contact by May 15th
- Event is open to everyone (including non-ASCE members)
- Contact Stephen Stinger with questions
 - sms5xd@mail.missouri.edu

Register Here: <http://events.constantcontact.com/register/event?llr=nj4vwaoab&oeidk=a07eapqcw9t3cf01bc7>

YMG Middle School Science Night

On April 22nd ASCE YGM, along with a few Section Members, joined forces to take part of the Olathe Middle School Science Night. While hosting a whole classroom worth of activities we were able to show case several different facets of civil engineering. For transportation/



structural activities we had our cable stay bridge and a starbursts/toothpick shake table, for geotechnical engineering we a sand box activity as well as PowerPoint and finally for a water/environmental activity we had an ice cream demonstration that show cased nonpoint source pollution. With a quickly gained nickname of the ice cream room we had to fight off the crowds! With over 500 students and parents visiting our room (and hopefully gaining a little knowledge of civil engineering along the way) and 13 volunteers this was a great event. To top it off everyone had a blast!

08.21.2015

Falcon Ridge

golf club

save the date

Contact tmgreer@burnsmcd.com or akulesa@burnsmcd.com with any questions!

10th annual ASCE^{KC} YMG golf tournament

Register Here: www.kcengineers.org/golf

Meeting Sponsorship

In August 2014, the ASCE Kansas City Section – Board, announced the Meeting Sponsorship Program, and it has been a success.

This opportunity has allowed civil engineering – firms, vendors, manufacturers, contractors or entities to gain valuable market exposure by actively sponsoring monthly breakfast, luncheon or dinner meetings. There is a distinct advantage to be recognized at these meetings, where various members of the engineering and construction community gather.

The criterion for the Meeting Sponsorship Program is as follows:

1. One (1) Sponsor per meeting
2. Sponsor name appears on meeting invitation
3. A table space will be available, just inside the entrance to the meeting area, for the Sponsor to arrange a display and have a couple of representatives to make promotional materials available.
4. Two (2) lunches for Sponsor representatives
5. Sponsor introduction with a 5-minute presentation at the beginning of the meeting
6. Display the Sponsor logo on the welcome screen before the program
7. A donation of \$300 (check made out to “ASCE Kansas City Section”)

All of the ASCE led joint meetings were sponsored:

1. September 10th: DuBois Consultants
2. November 4th: ACE Pipe Cleaning
3. January 7th: VSM Engineering
4. April 14th: University of Kansas – Edwards Campus

The May 12th meeting is being sponsored by: Stop Midwest Corrosion

1. There are available openings for the meetings in:
2. September, October and November of 2015
3. January, February, April and May of 2016

This program will continue to improve networking familiarity in the metro area. If you have any questions, please contact the ASCE Kansas City Section Board - Secretary - John Blancett, PE, ENV SP (jblancett@hntb.com or 816-527-2539).

Website Sponsorship

Only five (5) have applied so far, so this is great opportunity!

The Board would like to invite firms, vendors, manufacturers, contractors or entities to support the Kansas City Section of the American Society of Civil Engineers (ASCE) by purchasing a KCEngineers.org website sponsorship for the coming year.

Our website is actively updated monthly between September and May and shows business card (logo) listings year-round. Our membership totals over 1,400 members within the Kansas City area. This website is the primary outlet for information concerning KC ASCE and is located at <http://www.kcengineers.org>. Additional monthly emails to the membership are also sent, each with a link driving traffic to the website.

We offer two (2) sizes of professional listings:

1. Regular professional listing as 2-1/2" by 1-1/4" for \$150.00 per year
2. Large professional listing as 2-1/2" by 2-1/2" for \$200.00 per year

Your payment includes placement of your company logo on the website until February 29, 2016.

Each month the KC ASCE website receives about 50 views per day or 1,500 views per month. Your company logo will receive rotating placement on the main landing page of the website, and permanent placement on our sponsor page. Sponsorship funds raised through this campaign are used to help offset our monthly website fee's, and any balance is put into one of our many activities ranging from community service, to school outreach, or even professional development activities.

If you would like to purchase a sponsorship on the KC ASCE website for the upcoming year, please complete the enclosed order form and return it, along with the sponsorship information, to the ASCE Kansas City Section Board - Secretary - John Blancett, PE, ENV SP (jblancett@hntb.com or 816-527-2539). The artwork should be submitted as detailed in the attached form in electronic or in "camera ready" format. If you would like to use the artwork from last year, please indicate on the included form.

Thank you for supporting KC ASCE. Sponsorship from companies such as yours helps ensure our success with programs for the engineering community in Greater Kansas City.