



March 2023

### 2022-2023 ASCE Directors

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## From the President



"Greetings everyone! 2022 has come to a close but with a new year brings new opportunities. Midwest weather can cause confusion on what season it is, but it is always a nice reprieve in the winter months to get a couple of days of spring like weather (especially when they come on the weekend). It's nice to get outside and enjoy the sunshine whether it is getting in a round of golf or cleaning up the remainder of fall from our yards.

We have a couple of upcoming section meetings as another opportunity to get out and see the city. On April 17th we will be hosting our annual KC Section Awards Luncheon at Brio Tuscan Grill to meet President-Elect Marsia Geldert-Murphey.

On March 29, 2023 there will be a joint meeting with KC Section and APWA to discuss the 69 Express Project Delivery.

Hope to see you there!

- Chad Charest, PE

## **Visit the KC Section Website!**

Visit kcengineers.org, for calendar events, job postings, previous newsletters, and much more.



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**Upcoming Events:** 

ASCE 2023 KC Section Awards Luncheon and Society President-Elect Visit

SAVE THE DATE!!! Monday, April 17, 2023 from 11:30 AM to 1:00 PM CDT Join us for KC Section Awards and Society Update provided by ASCE National President-Elect Marsia Geldert-Murphey, PE, F. ASCE.

### March Joint Meeting with APWA

Wednesday, March 29, 2023 from 11:30 AM to 1:00 PM CDT

Come join us for our joint meeting with APWA and discussion regarding the 69 Express Project Delivery.

### William Jewell Mentorship Kick-Off Event

Tuesday, March 7, 2023 from 12:00 PM to 2:00 PM CDT

Come participate in the William Jewell Mentorship Event! The William Jewell mentorship program allows civil engineering students to ask questions about civil engineering and gives YMG members the opportunity to share their experiences. During the event we will pair YMG members with William Jewell civil engineering students to allow for open discussion and networking. Lunch will be provided! Please plan on arriving to the event 15 minutes early to maximize our time with the William Jewell students!

# **Call for Volunteers - Community Engineering Corps Project**

The Community Engineering Corps is seeking volunteers interested in serving their community to join this exciting new project. Community Engineering Corps (CECorps) is a partnership between the American Society of Civil Engineers (ASCE), American Water Works Association (AWWA), and Engineers Without Borders USA (EWB). The program works with volunteers from ASCE, AWWA, and EWB, as well as local community members, to improve local infrastructure by providing pro-bono engineering and technical solutions to the communities that need it most. These individuals volunteer their time and expertise to assist communities that do not have the resources to access engineering services. CECorps provides technical and legal review of all projects, as well as professional liability coverage.

We have been approached by a local organization in the historic Northeast neighborhood of Kansas City, Missouri called Jerusalem Farm. They are starting a program to provide about 20 low-income homeowners in the Northeast with PV systems (solar panels) on their houses. They have reached out to us requesting our technical assistance with the permitting process, structural assessment and design, and electrical design of the photovoltaic (PV) systems.

We are seeking professionals who are interested in volunteering their time and expertise to serve the Kansas City community. Everyone from students to retirees are encouraged to apply. We also highly encourage structural and electrical engineers, ideally with experience designing PV systems, to apply. Volunteers must belong to ASCE, AWWA, or EWB-USA and be willing to dedicate their time and expertise to the project.

If you are interested in volunteering, please complete this interest form: <a href="https://forms.gle/jXozkwpMBSekgbmU8">https://forms.gle/jXozkwpMBSekgbmU8</a>. You may reach out to me directly with any questions (kendallrees7@gmail.com).

## **ASCE Younger Member Group Quarter Recap**

The ASCE Younger Member Group had a very eventful fall and winter so far. In September we hosted our kick-off meeting and happy hour at BarK with younger members and some of our dogs! Todd Black of Contech sponsored our event and presented during the meeting.



Our K-12 school outreach committee hosted a booth at the NSBE Jr. Community STEM Day in August. ASCE's Danny Hotson and Jared Williams introduced students who visited their booth to civil engineering. NSBE Jr. Community STEM Day is hosted by aSTEAM Village. Additionally our community service committee partnered with the UMKC ASCE student group to take on our fall highway clean up. Our community service committee also partnered with KC Parks and Rec at two park clean-up events this November and December with UMKC and other volunteers at Penn Valley Park. We had a great turnout, thank you volunteers!



Our University Outreach committee hosted our annual mentorship event with the UMKC ASCE Student Group. We had a great turnout of students and YMG volunteers representing all civil engineering fields. Students had opportunities to ask questions to all the mentors and meet in smaller groups based on their civil engineering field of interest.

Members of our Government Relations Committee attended the KSPE Legislative Breakfast and had the opportunity to network with state lawmakers. Our October meeting and happy hour was sponsored and hosted at APEX Engineers. APEX Engineers lead an interactive presentation on the company and local projects. We learned about the challenges of structural engineering and starting a new engineering company.

## **ASCE Kansas City Section Newsletter**

Also in October, the proceeds from our annual golf tournament helped sponsor the KC STEM Alliance Civil Engineering and Architecture (CEA) Day. ASCE YMG volunteers hosted booths at Union Station to showcase the different Civil Engineering fields to local high school students participating in Project Lead The Way (PLTW) classes. After the career fair, the students had the opportunity to visit engineering companies who sponsored the golf tournament and/or KC STEM Alliance.



In November, we hosted a tailgate with the STL YMG and Mizzou student chapter. It was very cold, but we had a great time getting to know the STL YMG and look forward to working on additional joint events in the future.

We ended 2022 with our annual Toys for Tots Music Bingo event with DBIA NextGen group. This year the event was hosted at BHC and sponsored by BHC, BSE, Actalent, A.L. Huber, and Kimley-Horn. We had a great turn out and raised almost \$250 for Toys for Tots.



We are so grateful for the continued participation of our members and volunteers!

Happy New Year from the KC Section YMG

# University of Missouri – Kansas City Student Chapter Update

The UMKC Chapter held our first event of the year on January 25th, in the Plaster Center at UMKC at noon. Thomas Kimes, from PEC, gave a presentation to the chapter about water resources. In addition to preparing events, tours, and community service outreaches, the chapter's leadership will also be attending the ASCE Workshop of Student Chapter Leaders (WSCL) in Denver this year on February 2nd - 4th! As always, the chapter is open for donations and would greatly appreciate any and all the help! If you or your company are interested please reach out to Cierra Robinson (cmrx7y@umsystem.edu) or Dr. John Kevern (kevernj@umkc.edu).

#### **Concrete Canoe**

The UMKC Concrete Canoe team is hard at work on their canoe for the 2023 Region 7 Student Symposium, hosted April 13th-15th at Kansas State University. The team's theme this year is Nordlys, Norwegian for 'northern lights'. The team has dramatically improved the canoe's construction process, concrete materials, and aesthetic design. Hoping for another first-place finish, the team will also start spring canoe practices in early March at Wyandotte County Lake. Please reach out to Sean Purdue (srpkqm@umsystem.edu) if you or your company are interested in sponsoring the UMKC Concrete Canoe team.

### **Steel Bridge**

The UMKC Steel Bridge Team is preparing to compete in the 2023 Region 7 Student Symposium at Kansas State University after being inactive for the past seven years! The competition theme this year is based on the Sweetwater River Bridge in San Diego, which is where Nationals is held this year. The team has continued to make milestones with finalizing the design of the bridge to ordering steel and are hoping to produce a winning bridge this spring! Please reach out to Cierra Robinson (cmrx7y@umsystem.edu) if you or your company are interested in sponsoring the UMKC Steel Bridge Team.