

MONTHLY

# NEWSLETTER

Volume 19 | Issue 5

## President's Message

by: Cindy McCann, PE

**H**appy new year! Whether you celebrated with a cozy night at home or a great gathering of friends I hope everyone closed out 2017 in style. If your New Year's Resolution was to find a way to give back, to youth or the community, we have opportunities you will want to consider. Throughout the newsletter you'll find all you need to know, whether you're looking for MATHCOUNTS, Bridge Building, Future Cities or the Harvester's Souper Bowl of Caring.

As many of you are aware 2017 was the year of ASCE's coast-to-coast Dream Big movie and movement. It's still showing at Union Station if you've missed it so far. The movie has been an outreach tool used by ASCE and many others to connect engineering to the students who will be our colleagues one day.

KSPE Eastern Chapter was pleased to help them sponsor local students on field trips to Union Station and Science City for a Dream Big day. I bring this up as it is now Outreach Season for KSPE. Our primary involvement culminates in Engineers Week, the third full week of February, where we celebrate many students and their successes.

Last fall I was privileged to attend a Dream Big showing at Union Station to kick off ASCE's local connected promotion efforts. I took as my date my favorite 7th grader, my daughter. She is exactly the target audience so I asked her opinion of the movie. Together we had watched many engineers and students bring their engineering dreams to reality. She said her favorite was an engineer from a group called Bridges to Prosperity, or B2P as they call themselves. B2P builds bridges in the third world, connecting communities

to schools, markets, and clinics to help them thrive. We'll be hosting the Manager of Programs from Bridges to Prosperity, Holly Bartelt, I.E. as our featured speaker at the 67th annual KC Metro Engineers Week Luncheon at the downtown Marriott on February 22. She will speak to the national theme of Engineers Week, Engineers: Inspiring Wonder. See the article on page 5 for registration information.

As we work into 2018 we might all look for ways to inspire wonder, not just during Engineers Week, but all year long. Some of the younger members of our community are paying attention.

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# Event Information

## January KSPE Chapter Meeting

Joint meeting with MSPE

### Public Works Director & City Engineer Round Table

Mary Jaeger, Olathe PW Director

Tim Green, Lenexa City Engineer

Kati Horner, Independence City Engineer

Dena Mezger, Lee's Summit PW Director

Have a great question you would like to ask our panel?

Submit questions ahead of time to be considered for our panel to [clove@lenexa.com](mailto:clove@lenexa.com)

Questions may be asked during the event too.

**Thursday, January 18, 2018**

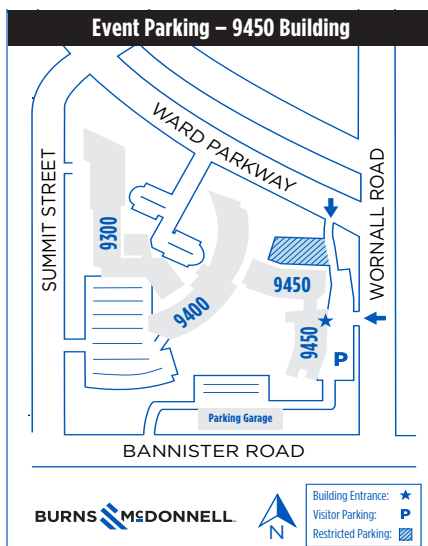
### Location

Burns & McDonnell

9400 Ward Parkway,

Kansas City, MO 64114

Event held in 9450 Building (see map for location and parking details)



### Time

11:15 am - 11:45 am – Registration and Networking

11:45 am - 12:15 pm – Lunch

12:00 pm - 1:00pm – Presentation

### Cost

Members and Guests - \$20

### Lunch Menu

Joe's KC BBQ including Burnt Ends and Pulled Pork  
Served with: BBQ Beans, Potato Salad and Cole Slaw  
Includes: Bread, Pickles, and BBQ Sauce  
with Soda or Water

### RSVP

RSVP to Cheri Schoenhals by Monday Jan. 15th at [cschoenhals@gbateam.com](mailto:cschoenhals@gbateam.com)

## Future Events

### January

18 - Chapter meeting

19 - Young Engineer  
Mavericks Game with  
ASCE Young Member  
Group

20 - Future Cities

24 - Statehouse visit

### February

3 - Bridge Building

3 - Souper Bowl KSPE  
Community Service event

6 - Mathcounts

8 - Chapter meeting

22 - KC Metro Engineers  
Week luncheon

# Event Information

## KSPE Eastern Chapter Statehouse Visit Annual Legislative Luncheon

Eastern Chapter will have their Annual Lunch Meeting with the Johnson County Legislative Delegation on Wednesday, January 24, 2018. The lunch will be at the State Capital Building in Topeka, and will be preceded by a briefing in Gaches Braden & Associates office.

It is vital for us to let our concerns and priorities be known to our Senators and Representatives. This is an opportunity for us to meet our Representatives and Senators one-on-one and enjoy valuable 'face-time' with many of the people who represent us in Topeka.

Please put January 24th on your calendar and plan to take advantage of this opportunity to talk with our lawmakers.

*Date:*

Wednesday, January 24, 2018

*Itinerary:*

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| 10:30 – 11:30 | Legislative briefing at Gaches Braden & Associates office, 825 S. Kansas Ave., Ste. 500 |
| 11:30 – 11:45 | Walk to Capital                                                                         |
| 11:45 – 1:00  | Johnson Co. Delegation, Rm.TBD, Capital Bldg. for networking and luncheon               |
| 1:00          | Adjourn                                                                                 |

*Cost:*

\$25 per person  
Catered lunch TBD

*RSVP for Luncheon:*

Cheri Schoenhals, [cschoenhals@gbateam.com](mailto:cschoenhals@gbateam.com) or  
Charlie Love, [clove@lenexa.com](mailto:clove@lenexa.com) by Friday, January 19th at 5 p.m.

*Carpooling:*

To Be Determined. If interested, please contact Charlie Love at 913-477-7660 or [clove@lenexa.com](mailto:clove@lenexa.com)

# MATHCOUNTS Volunteers Needed

We are once again coming up on that time of year when we hold our annual MATHCOUNTS competition for the Eastern Chapter of KSPE. This year's competition will be on **Tuesday, February 6, 2018**. Like before, it will be held at the Jewish Community Center of Greater Kansas City (5801 W. 115th Street, Overland Park, KS 66211).

We need volunteers to help grade, register schools, monitor tests, and help with the awards presentation. Positions are needed for the following times:

Grade & Monitor Tests (majority of people): 9:00 a.m. – 1:00 p.m.

Set up: 7:00 a.m. – 9:00 a.m.

Registration: 8:00 a.m. – 9:00 a.m.

Countdown Round & Awards: 1:00 p.m. – 2:30 p.m.

Lunch will be provided for all volunteers.

If you would like to volunteer for more than one task, please feel free to stick around as much as you like throughout the day.

If you are available and willing to help out with the competition or if you have any questions, please contact Rachel Henkhaus at 913.219.6738 or by email at [REHenkhaus@GarverUSA.com](mailto:REHenkhaus@GarverUSA.com).

## Bridge Building Volunteers Needed

The Eastern Chapter's 35th Annual Model Bridge Building Contest will be held **Saturday, February 3rd, 2018** at 10:00 AM at the Museum at Prairiefire in Overland Park, Kansas. Students in grades 9 through 12 within the Eastern Chapter's region are eligible to compete in the Model Bridge Contest.



The contest encourages students to get involved in a challenging and fun engineering project. The students each design and construct their own model bridge made entirely of basswood sticks and glue. The model bridges are then loaded to failure to determine the bridge's structural efficiency (total mass supported divided by the mass of the bridge). The bridge with the highest structural efficiency wins. The top three finishers will be recognized at the Engineers Week luncheon February 22, 2018 in Kansas City, MO. The first and second place contestants are eligible to win an expense assisted trip to compete at the 2018 International Bridge Building Contest in Chicago, IL.

Volunteers are always needed to assist students with testing of their bridges. If you are interested in helping with the contest, contact Mark Johnston at 816.945.5898 ([mjohnston@hwlochner.com](mailto:mjohnston@hwlochner.com)).



# Event Information

## Souper Bowl of Caring 2018

KSPE Community Service Event  
February 3, 2018  
8:30 - 10:30 a.m.



### Event Meeting Location

Harvesters' Kansas City facility  
3801 Topping Avenue, Kansas City MO 64129  
Please bring 1 can or 1 item donation with you to your shift

### Additional Information

The following are important things you need to know about volunteering in the warehouse:

- Children under the age of 8 are not permitted in the warehouse for safety reasons.
- Closed toed shoes are required.
- Dress casually (jeans and t-shirts, and sweatshirts to layer in the winter)
- Please leave all valuable jewelry at home. This includes rings which may come off in the packing process.
- No food, gum, or drinks are permitted in the warehouse.
- Cell phone usage is not permitted in the warehouse.
- All volunteers must be free of contagious illness (runny nose, colds, the flu, strep throat, etc)

Please contact Anne Schroer ([aschroer@gbateam.com](mailto:aschroer@gbateam.com)) if you would like to volunteer.

# Event Information

## Engineers Week Inspiring Wonder February 18-24, 2018

### Call for Articles, due January 19

The 2018 Engineers Week theme is “Inspiring Wonder”. In keeping with this theme, articles should celebrate all the amazing things engineers do every day to make the world a better place. The due date for submitting articles is January 19, 2018 in Microsoft Word format and submitted by e-mail to [cody.porter@wilsonco.com](mailto:cody.porter@wilsonco.com).

### 67th Annual E-Week Luncheon Thursday, February 22, 2018

Please visit <http://www.mspe-wc.org/discover-engineers-week> to register and for full details. Contact [eweek@mspe-wc.org](mailto:eweek@mspe-wc.org) with any questions.

#### *Location:*

Downtown Marriott Muehlebach Tower  
Imperial/Colonial Ballroom  
200 West 12th Street  
Kansas City, MO 64105

#### *Keynote Speaker:*

Holly Bartelt

Bridges to Prosperity, Manager of Programs



Whether driving along a multi-span bridge of a congested interstate or walking across a suspended cable bridge over an impassable river, Holly believes that everyone deserves safe access. Holly's passion for people, engineering, and sustainable infrastructure fuels her to provide safe and replicable bridge design as part of Bridges to Prosperity's technical team.

Holly grew up in Huntingburg, Indiana and attended college at the University of Southern Indiana, where she graduated with a Bachelor of Science Degree in Civil Engineering. In addition to her demanding course work at USI, she competed in cross country and track.

For three years before joining Bridges to Prosperity, Holly worked as a bridge engineer at HNTB, Indianapolis. During this she actively volunteered with Engineers Without Borders. As a EWB volunteer, she helped replace a footbridge in western Kenya, which has inspired her drive to reach more lives, move to Colorado, and join the team.

Holly started her career at B2P as a Staff Engineer, producing individualized bridge designs for unique and challenging sites, and standardize designs that were widely implemented. Holly moved into the role of Programs Manager in 2016, leading the development of structures and support for our growing global team. Throughout her work, Holly strives to continually provide Bridges to Prosperity with collaborative and innovative ideas.




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April 7, 2018 | June 7, 2018

Refreshments provided.

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