



KSPE

Eastern Chapter News

Volume 17 Issue 5

January 2016

President's Message

By: Ryan DaMetz, P.E.

The New Year is upon us! I hope everyone had an enjoyable and safe holiday season and is ready to kick off the new year with a renewed spirit. We did not have a December meeting, so it will be good to see everyone again after taking the month off to spend time with family and friends. Our January lunch meeting will be a joint meeting with the Western Chapter of MSPE on January 21st at Manny's Mexican Restaurant. Dr. Jerry Richardson, P.E. and Don Baker, P.E., professors at UMKC, will be discussing the effective use of hydraulic analysis to minimize risk and uncertainty. Their discussion will include their construction of scaled models for stormwater design projects.

The new year is full of activity for the Eastern Chapter with many events on the calendar. The annual Bridge Building event will occur on Saturday, January 30th at the Museum at Prairiefire. Local high school students construct bridges out of balsa wood and add weight to them until failure to see who can achieve the highest strength-to-weight ratio. The top bridges will advance to the International Bridge Contest in Chicago. Volunteers are needed to help register students and assist with testing the bridges. Please contact Mark Johnston at (816) 945-5898 if you are interested in helping out.

The chapter MATHCOUNTS competition will be held on Tuesday, February 2nd at the Jewish Community Center of Greater Kansas City. Middle school students compete in individual and team mathematics exams, and the top individuals and teams advance to the State competition (where winners eventually move on to the National competition). Volunteers are needed to help set up, register the schools, and grade the exams (don't worry, answers will be given to the graders, so you won't have to try to recall a problem you haven't seen for many years). Please contact Tony Rome at (913) 895-6001 if you would like to assist with this event.

The Eastern Chapter will be participating in the "Souper Bowl of Caring" for our Community Service event on Sunday, February 7th from 8:30 a.m. to 10:30 a.m. at Harvesters' Kansas City facility. Wear your NFL colors (hopefully red and gold will be relevant that day) and help our regional food bank end hunger. Please contact Anne Schroer at (913) 577-8257 or aschroer@gbateam.com if you would like to participate in this worthy event. In addition, Anne will be accepting food donations at our January meeting to take to Harvesters. Thank you in advance for your support.

Hopefully, everyone received a Save The Date postcard for our annual E-Week luncheon. The luncheon will be held at the Downtown Marriott on Thursday, February 25th. Articles are due by Wednesday, January 20th and should be submitted to Cliff Speegle (cspeegle@affinis.us). Advertisements for the *Business Journal* are due by Friday, January 22nd. Please contact Roxanne Beach at (816) 777-2209 or rbeach@bizjournals.com to place an advertisement. We look forward to your participation to make this year's E-Week a great success.

Finally, please take some time to consider nominations for our annual awards. The Engineer of the Year will be announced at the E-Week luncheon, and all of our award winners will be recognized at our May chapter meeting. There are many engineers, firms, projects, and teachers within our chapter who perform at an exceptional level, and they deserve to be recognized.

I hope you look back on 2015 fondly. Here's to 2016 being a memorable year. I look forward to seeing you at the January meeting.

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HAPPY NEW YEAR!

If you have photos taken at KSPE events, please submit them to Cheri Schoenhals, cschoenhals@gbateam.com, for inclusion in the newsletter.

Event Information

January Chapter Meeting Joint Lunch meeting with MSPE

Jerry Richardson, Ph.D., P.E. D. WRE
Don Baker, P.E. D WRE

Minimizing Risk Using Effective Hydraulic Analysis

- Date:* January 21
- Location:* Manny's Mexican Restaurant
207 Southwest Blvd
Kansas City, MO 64108
- Time:* 11:30 - Registration and Networking
12:00 - Lunch and Program
Board meeting to follow
- Menu:* Beef and Chicken Taco Bar
Rice and Beans
Chips and Salsa
Sopapilla Chips
- Cost:* \$25
- RSVP:* No later than **Monday, January 18** to Cheri Schoenhals at
cschoenhals@gbateam.com
No shows will be billed
- Program:* Effective use of hydraulic analysis to minimize risk and uncertainty. Program will include a discussion on how they built scaled physical models for stormwater design projects.

* If you are unable attend the community service event, a food donation box will be available at the luncheon. (please see the following page for more details about the community service event)

KSPE Engineer of the Year Award Nominations

The **2016 KSPE Eastern Chapter Engineer of the Year nominations** are due no later than **January 30, 2016**. Nomination forms can be found at the KSPE website <http://www.kansasengineer.org>.

Please submit your nomination to Cliff Speegle cspeegle@affinis.us. The Eastern Chapter Engineer of the Year recipient will be recognized at the E-Week Luncheon in February and also submitted to KSPE for the state award.

Engineer Week Luncheon

Thursday, February 25
KC Downtown Marriott

Call for Articles

Submit articles for the 2016 Engineers Week supplement to the Kansas City Business Journal February 19 edition.

Articles due January 20, 2016
Advertising due January 22, 2016

For more information contact:
Kyle Shoemaker, P.E. - luncheon
816.360.2755
eweek@mspe-wc.org

Cliff Speegle, P.E. - articles
913.239.1110
cspeegle@affinis.us

Roxanne Beach - advertising
816.777.2209
rbeach@bzjournals.com

Event Information

Community Service Event

**Kansas City Souper Bowl of Caring
Harvesters Event
Sunday February 7, 2016
8:30 a.m. - 10:30 a.m.**



Please contact Anne Schroer by January 31 if you would like to volunteer.
aschroer@gbateam.com

Event Meeting Location:

Harvesters' Kansas City facility
3801 Topping Avenue, Kansas City MO 64129

Additional Information:

The following are important things you need to know about volunteering in our 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)

Volunteers are strongly encouraged to bring food donations with them. If your group brings in 25 pounds of food or more per volunteer, you will receive a Harvesters souvenir soup bowl.

A food donation box will be available at the January luncheon meeting if you are unable to attend the community service event but would still like to participate.

Volunteers Needed

Bridge Building

By: Mark Johnston, P.E.

The Eastern Chapter's 33rd Annual Model Bridge Building Contest will be held at 10:00 AM on Saturday, January 30, 2016 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 in Kansas City, MO. The first and second place contestants are eligible to win an expense assisted trip to compete at the 2016 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).



MATHCOUNTS 2016

By: Tony Rome, P.E.

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 2, 2016**. 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 able and willing to help out with the competition or if you have any questions, please contact Tony Rome at (913) 895-6001 or by email at tony.rome@opkansas.org.

Annual Conference 2016 in Kansas

KSPE Eastern Chapter will be hosting the KSPE Annual Conference in 2016 from June 8th to the 10th. If you are interested in getting involved or assisting in any way, shape or form, please contact Kiel Johnson at kjohnson@waterone.org. We're looking forward to hosting another great conference this coming year with your help!

Treasurer's Report

Eastern Chapter
Kansas Society of Professional Engineers (KSPE)
Treasurer's Report for December 2015
 December 31, 2015

Cash on Hand

Beginning Balance as of November 18, 2015	\$410.00	
Additions	\$0.00	
Reductions	\$0.00	
	<u> </u>	
Ending Balance as of December 31, 2015		\$410.00

Checking Account

Beginning Balance as of November 18, 2015	\$3,001.23	
<i>Deposits</i>		
<i>October Meeting Income</i>	\$120.00	
<i>November Meeting Income</i>	\$595.00	
<i>NSPE Dues</i>	\$147.00	
Total Deposits	<u>\$862.00</u>	
<i>Payments</i>		
<i>November Dinner Meeting expenses</i>	\$628.00	
<i>October Exec Sec Salary</i>	\$150.00	
<i>Tony Rome, Mathcounts trophies</i>	\$414.43	
Total Payments	<u>\$1,192.43</u>	
<i>Transfers to/from Money Market</i>		
<i>Deposits</i>	\$0.00	
<i>Withdrawals</i>	\$0.00	
Ending Balance as of December 31, 2015		\$2,670.80

Money Market Account

Beginning Balance as of November 18, 2015	\$5,410.67	
<i>Deposits</i>	\$0.00	
<i>Withdrawals</i>	\$0.00	
<i>Dividend Reinvest</i>	\$0.10	
	<u> </u>	
Ending Balance as of December 31, 2015		\$5,410.77


Engineers Foundation of Kansas

Beginning Balance as of November 18, 2015	\$4,788.25	
<i>Deposits</i>	\$0.00	
<i>Withdrawals</i>	\$0.00	
	<u> </u>	
Ending Balance as of December 31, 2015		\$4,788.25

PEPP Dispersal CD

Beginning Balance as of November 18, 2015	\$14,185.77	
<i>Deposits</i>	\$0.00	
<i>Withdrawals</i>	\$0.00	
	<u> </u>	
Ending Balance as of December 31, 2015		\$14,185.77

Respectfully Submitted,	Total	<u>\$27,465.59</u>
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Charles L. Love, P.E.
 Treasurer

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