



Monthly Newsletter

Volume 23 Issue 1

President's Message

By: Rachel Henkhaus

Chiefs Red Fridays (my 9 year-old son reminds me), start of Fall this week, Pumpkin Spice everywhere, and who is grass seeding their yards right now with me?! Hope you all had a more-normal summer this year, or made up for lost 2020-time by taking a lot of trips, etc. Most importantly, I hope everyone is doing well and staying healthy.

For those that don't know me, my name is Rachel Henkhaus, a Structural Bridge Engineer for Garver. I'm excited to serve as your Chapter President this year! Welcome back to another year with our KSPE Eastern Chapter. Our board has met, and plans are underway to bring you in-person events this year... per CDC and local guidelines for social gatherings. We plan to have ALL monthly events again, including an invitation to our first inside event and several announcements later in this newsletter.

The first event this year is the annual NSPE Presidential visit. Rick Guerra, P.E., F.NSPE, will be in town to present updates from the national society and how they impact us. Hope you can join us on September 30th for dinner. Details about this meeting are provided on the following pages. I look forward to hearing from Rick on the outlook for his presidential year.

On October 12th, our annual legislative breakfast is back! Even though 2021 is not an election year, we anticipate a good turnout with legislators wanting to connect with their constituents post-2020. Be sure to personally invite your State Representative, State Senator, and other local elected officials. Use this time with them to discuss issues affecting the public welfare and our engineering community, the importance of licensure, and any other professional and personal concerns.

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President's Message Continued

The Olathe District Schools 8th Grade Career EXPO is also back this year on November 3rd! KSPE will have a booth set up to discuss our engineering profession with middle school students exploring future career opportunities. Our coordinator, Tawn Nugent (tnugent@trekkdesigngroup.com), is always looking for volunteers!

Tawn Nugent also coordinates giving away our grant funds to deserving organizations or schools that support STEM education. Last year we teamed up with KC STEM Alliance to help find the STEM-worthiest recipients. We gave all our budgeted grant funds to Project Lead the Way Launch with Kansas City, KS Public Schools. Please read the grant report provided in this newsletter to see the level of impact (2,422 students!) we had on our community this past school year.

Additional Fall events include our November Chapter meeting with our KSPE State President and State Director. We are also hoping to hold a social event in late fall, with details to be provided once they are finalized.

Finally, please remember that our membership retention and growth starts with YOU! I challenge you to bring one coworker or friend to a Fall 2021 event and a second one to a 2022 event. Maybe they don't know about NSPE/KSPE; maybe they do but have been disengaged. Encourage them to join NSPE, KSPE and our local Eastern Chapter!

... yes, you did hear that right on all events, everything is back to in-person (as far as we know right now). I'm looking forward to seeing and talking to you all again soon!



*Rachel Henkhaus Ph.D., P.E.
Garver*

KSPE is dedicated to promoting, protecting and advocating the success and integrity of the licensed Professional Engineer and Engineer Intern by delivering professional development products and services, encouraging licensure, and advocating legislation and public policy for the betterment of human welfare and the profession.

KSPE September Meeting

NSPE President Visit with MSPE

Date: Thursday, September 30th

Time:

5:15 - 5:45 p.m. - Social

5:45 - 6:30 p.m. - Dinner

6:30 - 7:30 p.m. – Presentation

Where:

Cinzetti's Italian Market

7201 W 91st St

Overland Park, Kansas 66212

Cost:

\$30 for Members and Guests

\$15 for Student Chapter Members

RSVP: <https://mspe.org/event-4477883>

Registration closes at 5pm, Monday, September 27th, 2021

Event Details:

Mr. Rick Guerra, P.E., F.NSPE is the 2021-2022 President of NSPE and will be visiting Kansas City on Thursday, September 30. As an active member of NSPE since 1994, Rick has served in numerous leadership roles at the chapter, state, and national levels, including President of the Texas Society of Professional Engineers in 2016-17. In 2018 he was named a NSPE Fellow.

Rick received his BS in Mechanical Engineering in 1982 and his MS in Engineering in 1988, both from the University of Texas at Austin. He is a licensed Professional Engineer in Texas and California. In 2007, Mr. Guerra was appointed by Governor Rick Perry as the Licensed Professional Engineer Member of the Texas State Board of Plumbing Examiners, where he served until 2019.

He is President/CEO, and majority shareholder of Jose I. Guerra, Inc., a full-service, facilities engineering firm with offices in Austin, San Antonio, and Corpus Christi, Texas. The firm provides a comprehensive range of Civil, Structural, Mechanical, Electrical, Plumbing and Fire Protection Engineering services to clients throughout the State of Texas.

KSPE Upcoming Events

KSPE Government Affairs Breakfast

A Breakfast meeting will be held Wednesday morning, October 12th. Location to be determined. State Senators and State Representatives within our Chapter will be invited so this is an excellent opportunity to meet them and voice our concerns on issues we feel are important to us professionally and personally. Mark your calendars and plan to attend on October 12th. More details will be available in the next newsletter.

19th Annual Olathe District Schools 8th Grade Career EXPO

The EXPO will be held on Wednesday, November 3rd at the newly renovated Instructional Resource Center located at 14090 S Black Bob Rd, Olathe, KS 66062. This event provides over 2,000 8th graders a chance to talk with professionals in a wide variety of careers. KSPE Eastern Chapter has hosted a booth for the past 12 years (minus COVID-year) introducing hundreds of young minds to the field of engineering. Please join us this year by volunteering your time and energy to represent KSPE. We need at least 6 volunteers between 8 am and 3 pm. Please contact Tawn Nugent tnugent@trekkdesigngroup.com for more information and to volunteer for a two hour shift. Also, this will be a masked event.

Save the Date – Wednesday, November 17th

November Chapter Meeting

More information to come!

KSPE STEM Grant Report

KSPE STEM Grant Report from Kansas City, KS Public Schools

We received a report from KC STEM Alliance on the grant KSPE gave KCK School District last Fall 2020. The funds helped them expand their PLTW program – and hopefully recruit more students into STEM careers! Here is an excerpt from this report showing KSPE’s significant impact in our community:

4. Please describe the program and purpose of the STEM grant you received in Fall 2020 from KC STEM Alliance.

Project Lead The Way Launch provides transformative learning experiences for K-5 students and teachers across the U.S. Students participate in an engaging, hands-on classroom environment and are empowered to develop in-demand knowledge and skills needed to thrive. Project Lead the Way provides teachers with the training, resources, and support they need to engage students in real-world learning.

5. Describe the program’s goals/objectives and the outcomes/measurements for success.

PLTW pathways in computer science, engineering, and biomedical science engage students in hands-on activities, projects, and problems; empower them to solve real-world challenges; and inspire them to reimagine their role in the 21st century workforce. Students are assessed through Launch Log entries, self-reflection activities, and formal assessments at the end of each module.

6. What were the participant demographics?

- a. Total number of participants? 2,422
- b. Gender? 49.14 female/ 50.86 male
- d. Percent of participants on free/reduced lunch? 85.8%
- e. Ethnicity of participants (please include percentage next to each category below)? (data is based on 2019-2020)

 - i. Asian/Pacific Islander 14%
 - ii. Black/African American 14%
 - iii. American – Indian NA
 - iv. Hispanic 60%
 - v. White/Caucasian 12%

KSPE STEM Grant Report Continued

7. How were the grant funds used (e.g. teacher stipends, supplies, etc.)?

Grant funds were used to purchase PLTW kits and additional materials needed to continue and expand implementation of PLTW through the Library program. Funds were also used for Participation Fees for 1 school that is being added to the program this year.

8. What challenges did your site face in carrying out the program and what strategies are in place to improve the program going forward?

We still do not receive district funding for PLTW LAUNCH and that is not likely to change. Building budgets can fund small supply needs and Launch Logs may be printed through the Print Shop. We will continue to search and apply for grants to expand the program.

9. How did this grant help to support your STEM education plans, as identified by your Carnegie STEM Excellence Pathway work?

PLTW standards are well aligned with AASL and Kansas State standards making the school library an ideal setting for implementing this program. As librarians, our goal is to teach and reinforce the process of designing and engineering. The creativity and problem solving involved in the design process are skills that students will need for a successful life. Furthermore, KCKPS's goal is for each student to exit high school prepared for college and careers in a global society. This grant has enabled librarians to reflect on the PLTW experience and purchase materials and supplies to further enhance and enrich our students' learning experience as we move forward.

KSPE August Meeting Minutes



Yearly Planning/Kick-off Meeting Agenda

Thursday, August 5, 2021

Attendees

- Rachel Henkhaus
- Kurt Rotering
- Chad Hall
- Cody Porter
- Jordan Herbert
- Tony Rome
- Kristen Leathers
- Darren Meyer
- Rod Holcomb (via Zoom)
- Robynn Andracsek (via Zoom)

Call to Order-----Henkhaus

- Agenda approved

Committee Reports:

- Legislative ----- Love
 - Charlie has reserved room at the DoubleTree for Legislative Breakfast
 - Send speaker ideas for our Legislative Breakfast to Charlie. Our audience is both the Kansas Senators and Representatives in the Kansas City area and us engineers.
 - Sponsorship opportunity for Legislative Breakfast will be in next newsletter.
 - Anyone knows someone who would be interested in taking over the Legislative Chair position? It would be best to know this sooner for some overlap with Charlie's last year.
- MATHCOUNTS -----Henkhaus
 - Still determining if event will be in-person
 - Rachel to reserve non-Saturday date at Jewish Community Center
- Model Bridge Building -----Hopkins
 - No update
- Fundraising-----Holcomb
 - Anticipate Engineers Foundation of Kansas (EFK) at local level will be funded by state level in 2022
- Membership----- Andracsek
 - Transition meeting scheduled with Allison
 - Robynn to coordinate with Exec. Secretary to update/confirm email list
- Awards----- Bruner

The goal of KSPE is to promote, recognize, and enhance the engineering profession by delivering professional development products and services, encouraging licensure, and advocating legislation and public policy for the betterment of human welfare and the profession.

Meeting Minutes Continued



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- Allison to send out reminder to apply late 2021
 - Investigate awards budget and possibility of utilizing CAPs program
 - Young Engineers ----- Darren Meyer
 - Successful picnic event, will hold again in summer 2022
 - Chiefs watch party anticipated fall 2021
 - Darren to investigate state bylaws for liability applications
 - Darren considering additional event spring 2022
 - Looking into involvement with KU Edwards and KSU Olathe campuses
 - Engineering Preparation ----- Nugent
 - Rachel to provide KC STEM Alliance letter for newsletter
 - Chad will coordinate use of UMKC PE training course scholarship
 - Engineer's week ----- Henkhaus
 - Tony, Cindy, and Cody volunteered for planning committee
 - Current plan is for E-Week to be in-person
 - Advertising ----- Leathers
 - Several sponsorships outstanding from 'regular' contributors
 - Community Service Project(s) ----- Schroer
 - Successful Stream Clean event
 - Working to schedule next event in fall
 - Will have Harvesters event on Super Bowl weekend
 - State Director ----- Rotering
 - Good attendance at state conference
 - Creed has changed to be more inclusive

Reports

- Treasurer's Final Report & Proposed Budget ----- Hall/Porter
 - Confirm UMKC Scholarship – consideration for dedicating additional funds for study materials (up to 3 scholarships)
 - Tony to develop plan by early September for UMKC scholarships to advertise in newsletter
 - Proposed budget for 2021-2022

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Meeting Minutes Continued



Chapter Meetings----- Hall/Henkhaus/Love

- **September (9/30):** NSPE President visit and joint meeting with MSPE.
- **October (10/12):** Legislative meeting. (Charlie)
- **November (11/17):** KSPE President & Executive Director visit
- **December:** Football watch party social.
 - Virtual Squares game
- **January:** KSPE Meeting
- **February:** E-Week
- **March:** March Madness event
- **April:** Joint meeting with MSPE/SAME planned by KSPE
- **May:** Awards meeting

Old/New Business-----Henkhaus

- Liability Insurance
 - Cody to reach out to BHL for more information
- Bylaws update
 - Tony Rome to be appointed to Senior Director
 - Cindy McCann to be appointed to Junior Director
 - Jordan to convert by-laws to editable document
- Newsletter deadline – August 27

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Treasurers Report

May-July 2021



Kansas Society of Professional Engineers - Eastern Chapter Treasurer's Report: May-July 2021

Beginning Balances Date: May 1, 2021
Ending Balances Date: 7/31/2021

Checking Account

Beginning Balance		\$	3,797.16
<i>Deposits</i>			
Feb March Dues	\$	195.00	
KSPE Reimbursement (HNTB)	\$	82.24	
Reimbursement for Sec Fees	\$	450.00	
MSPE Eng week Funds (Pass through to EFK)	\$	1,713.74	
April and May dues	\$	120.00	
Young Eng. Picnic Fee accepted	\$	214.25	
	Total Deposits	\$	2,775.23
<i>Withdrawals</i>			
Check 1280 - Executive Secretary	\$	200.00	
Debit Card - KSPE 2020&2021 Awards	\$	493.44	
Check 1281 - Darren Meyer (Young Eng picnic reserv)	\$	75.00	
Check 1282 - Rachel Henkhaus (March madness gifts)	\$	60.00	
Check 1283 - Executive Secretary	\$	200.00	
Check 1284 - EFK for E week revenue and BB profit	\$	1,745.02	
Check 1285 - Darren Meyer for Young Eng Picnic food costs	\$	281.05	
	Total Withdrawals	\$	3,054.51
Ending Balance		\$	3,517.88

Savings Account

Beginning Balance		\$	14,546.21
<i>Deposits</i>			
Interest - May	\$	1.21	
Interest - June	\$	1.24	
Interest - July	\$	1.19	
	Total Deposits	\$	3.64
<i>Withdrawals</i>			
None	\$	-	
	Total Withdrawals	\$	-
Ending Balance		\$	14,549.85

Money Market

Beginning Balance		\$	5,593.93
<i>Deposits</i>			
Interest - May	\$	0.01	
Interest - June	\$	0.01	
Interest - July	\$	0.01	
Update for extra in April	\$	0.05	
	Total Deposits	\$	0.08
<i>Withdrawals</i>			
None	\$	-	
	Total Withdrawals	\$	-
Ending Balance		\$	5,594.01

Cash on Hand

Beginning Balance		\$	100.00
<i>Deposits</i>			
None	\$	-	
	Total Deposits	\$	-
<i>Withdrawals</i>			
None	\$	-	
	Total Withdrawals	\$	-
Ending Balance		\$	100.00

EFK Account

Beginning Balance		\$	9,889.90
<i>Deposits</i>			
Check 1284 - E Week Revenue and BB Profit	\$	1,745.02	
BMCD Fundraising Check	\$	500.00	
	Total Deposits	\$	2,245.02
<i>Withdrawals</i>			
Exec salary (25%)	\$	450.00	
	Total Withdrawals	\$	450.00
Ending Balance		\$	11,684.92

Total \$ 35,446.66

Chad D. Hall, AVP, PE, Treasurer KSPE EC
7/31/2021

Chapter Leadership

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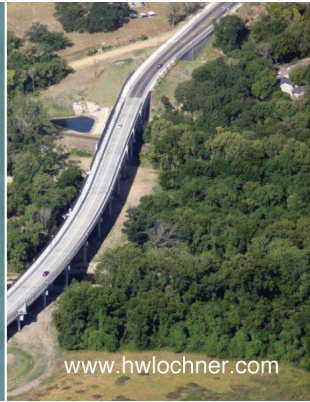


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