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STATE NEWS



President's Message By Jessica Rhein, P.E.

Greetings KSPE members!

Football season is well underway, which means cooler weather and weird coffee flavors. It also means that school is back in session, and hopefully schedules are getting a little bit more settled and routine after the hectic mess of summer.

Many local chapters also start monthly meetings around this time of the year. I always enjoy going to our local meetings, seeing colleagues and friends that I don't get to see very often, and hearing a great speaker. This is also a great opportunity to invite a co-worker to a meeting, to see what it's all about. That's exactly how I got involved in KSPE, and I'm sure many of you have similar stories.

Membership growth needs to be a grass-roots effort led by YOU, our existing members. If you're reading this newsletter, you've already heard the message of the value of KSPE and NSPE, and what we bring to the table in terms of our licensure and threats to our profession, amongst many other things. Now it's your turn to spread that message to new members.

Here is my challenge to each of you this month: Talk to at least one non-member about KSPE. Invite that person to a social event or monthly meeting. I'd love to meet and see a bunch of new people when I come to your chapter for a visit!

Until next time, engineer on!

Jessica Rhein, P.E.
KSPE President 2019-2020

EXECUTIVE DIRECTOR MESSAGE

By Travis Lowe

KSPE Members,

Greetings from KSPE World Headquarters! We hope everyone had a great summer. As we move into the autumn months, we have many updates to share. But first, we want to thank you for your continued support of KSPE that enables KSPE to provide and operate efficiently for you.

KSPE had a successful summer. Our 2019 conference in Wichita went off without a hitch, thanks to the continued support of members who attended, sponsored and helped plan the event. We really appreciate everyone who spent the time and expense to keep these events successful.

Also, KSPE was honored to help host the NSPE 2019 conference, known as "PE CON", in Kansas City in July. We had a strong showing from members across the state and the metro. Feedback was very positive. Thanks to our members who helped plan this event. Next year's PE CON will be in Philadelphia! Don't miss it!

KSPE President Jessica Rhein and I are traveling across the state this fall to say hello to our chapters for the

annual president visits. Please make a point to attend these meeting in your local area if you can and meet Jessica. She is very excited to hear feedback from the members as we work to strengthen the association over the next year. These dates are on our website and the events page of this newsletter.

The KSPE lobby team is already working on plans for the 2020 Legislative Session. We expect it to be a busy session as we already know we will be engaging in several policy issues, such as planning for the next comprehensive transportation plan.

In closing, remember that membership remains the most important action item for our society. Please talk about KSPE to your fellow P.E.'s. Mentor new and/or young hires in your department, schools and firms and stress the importance of KSPE. We grow the membership by recruiting new members and retaining the ones we have now. We also want to thank our 2019-2020 annual partner sponsors. This means a great deal to our operating income over the next year.



With all the activity and news in this issue, you can see KSPE is working hard on your behalf. There are many opportunities to get involved with KSPE. We appreciate your support to help promote and protect Licensed Professional Engineers.

See you soon,

Travis Lowe

WELCOME NEW MEMBERS

Darren Meyer, P.E. - Eastern Chapter

EFK UPDATE

By Wayne Nelson, P.E.

The board of directors of the Engineers' Foundation of Kansas (EFK) met June 12, at the KSPE Annual Conference in Wichita. Board members discussed a number of issues including MathCounts, Future Cities and the University Engineering Initiative Act (UEIA). Members reappointed to the board are Meg Yaege, David Jacobson, and Ken Bengtson.

A new program developing from the EFK is a recognition program focused on engineers with ties to Kansas, whose careers have had an impact to the field of engineering. In addition to recognizing these outstanding contributors to engineering, the program is designed to increase financial support of the programs and research undertaken by the EFK.

Since my last update, Arvin Agah, PhD, has been named dean to the University of Kansas School of Engineering. Dr. Agah assumed his duties mid-January 2019. At Kansas State University Darren Dawson left the College of Engineering to become president of the University of Alabama, Huntsville. Gary Clark, PhD, P.E., has been named the interim dean.

EFK held another successful fundraiser golf tournament September 13. Brent Wooten worked diligently to provide a top class golf event for EFK. This year we had twelve teams entered. Gary Clark, KSU, and Professor Bob Parsons, KU, provided updates from their respective engineering programs. Next year's event has not yet been scheduled. The golf tournament is a major fundraising event for the Foundation. Thank you to all who participated and contributed this year.



PROCLAMATION SIGNING FOR P.E. DAY WITH GOVERNOR KELLY



MARK YOUR CALENDAR



SAVE THE DATE
2020 ANNUAL CONFERENCE
JUNE 3-5
Embassy Suites Hotel - Olathe, KS

NSPE-KS KANSAS SOCIETY OF PROFESSIONAL ENGINEERS

NSPE-KS KANSAS SOCIETY OF PROFESSIONAL ENGINEERS

NSPE-KS KANSAS SOCIETY OF PROFESSIONAL ENGINEERS

The graphic features a light blue background with a technical drawing of a mechanical assembly. The text is centered in the upper half. The NSPE-KS logo is repeated three times in the lower half, each accompanied by the full name of the organization.

NSPE-KS™ KANSAS SOCIETY OF
PROFESSIONAL ENGINEERS

KSPE

PRESIDENT CHAPTER VISITS

OCTOBER 24 // WICHITA CHAPTER // 7:30 - 8:30 AM // WICHITA

OCTOBER 24 // HIGH PLAINS CHAPTER // 12 - 1 PM // GARDEN CITY

NOVEMBER 14 // EASTERN CHAPTER // 5:30 - 7:30 PM // JOHNSON COUNTY

DECEMBER 5 // SMOKY VALLEY CHAPTER // 12 - 1 PM // SALINA

DECEMBER 5 // TRI-VALLEY CHAPTER // 5 - 7:30 PM // MANHATTAN

KSPE PRACTICE CHAIR UPDATES

PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE UPDATE

By Joe Drimmel, P.E.

Professional Engineers in Private Practice (PEPP) Update – September 2019

The ACEC Board of Directors hosted Steve Hall, senior vice president of advocacy and external affairs with ACEC National, this past month. He was able to visit with the ACEC board of directors, the ELP class, and made personal visits to a few member firms. Steve shared the latest from D.C. and talked about the activities ACEC National is doing for its membership. The ACEC National Fall Conference will be held in Chicago on October 13-16th. The five year strategic plan will be presented and voted on at the annual meeting.

ACEC held a continuing education seminar on Leadership was held this past month. The next continuing education program will be held October 28 -29 in Lawrence. The course topic is Leading Through Conflict and Change. This is open to all ACEC members and you do not need to be an Emerging Leaders Program (ELP) graduate! The ELP class kicked off this month with the first sessions being held in Topeka.

Membership luncheons have been held in Manhattan and Overland Park to date. The next membership luncheon will be in Wichita on October 2nd.

Please mark your calendars for the ACEC/KDOT Partnering Conference on October 22nd. The NSPE-KS PEPP representative exists to safeguard professionalism of engineers working in private practice throughout Kansas. If you have any issues or concerns you feel are compromising this professionalism, please contact Joseph Drimmel, P.E. of HDR Engineering at 816-360-2701 or at joseph.drimmel@hdrinc.com

PROFESSIONAL ENGINEERS IN INDUSTRY

By Amy Martens, P.E.

Professional Engineers in Industry Update – Fall 2019

The NSPE Professional Engineers in Industry (PEI) held an executive meeting in Kansas City at PECON on July 18, 2019. They had a productive meeting including updates to members on national issues impacting our profession as well as society business. The industrial exemption continues to be an issue for PEI membership. Discussion was held on what other interest groups are doing. It was shared that visibility would be nice to have into the other groups to understand the different perspectives seen across different interest groups. Other topics discussed included the following: industrial accidents, software engineering, and retention/recruitment.

PEI provides value to members in industry through the promotion of professional practices and policies, including support of the licensure process for engineers in Industry. Our mission includes offerings of educational and professional development opportunities and actions to increase the public awareness of the contribution of professional engineers in Industry.

Please contact Amy Martens, PEI Chair, at amy.martens@bcbsks.com if you are interested in additional information about PEI and upcoming involvement opportunities.

KSPE PRACTICE CHAIR UPDATES

PROFESSIONAL ENGINEERS IN HIGHER EDUCATION UPDATE

By Tom Roberts, P.E., F.NSPE

Professional Engineers in Higher Education (PEHE) Update – September 2019

NSPE / KSPE members with interest in Professional Engineers in Higher Education (PEHE) are likely to be interested in ABET. As a reminder to understanding the NSPE / ABET partnership, let's start with the following:

ABET's purpose (from the main website www.abet.org/about-abet):

At ABET, our purpose is to assure confidence in university programs in STEM (science, technology, engineering and mathematics) disciplines. Our approach, the standards we set and the quality we guarantee, inspires confidence in those who aim to build a better world—one that is safer, more efficient, more comfortable and more sustainable.

We accredit college and university programs in the disciplines of applied and natural science, computing, engineering and engineering technology at the associate, bachelor's and master's degree levels. With ABET accreditation, students, employers and the society we serve can be confident that a program meets the quality standards that produce graduates prepared to enter a global workforce.

ABET is in the process of implementing a strategic plan just approved by the ABET Board of Directors for the next 3 years (Oct 1, 2019 – Sep 30, 2022). The strategic goals are:

- Goal 1: Enhance member society engagement across the scope of ABET activities to maximize the impact and value to both the societies and ABET
- Goal 2: Refine and disseminate a set of consistent, targeted, concise value propositions for ABET accreditation
- Goal 3: Expand ABET quality assurance services in current and emerging educational credentials
- Goal 4: Improve the efficiency and effectiveness of the accreditation cycle

NSPE (and KSPE) members in partnership with ABET are actively involved in helping implement the ABET strategic plan. These actions will have a direct impact on licensure and the future of our profession. I'll keep you posted about specific actions that fit both the NSPE and ABET Strategic Plans in future reports. In the meantime, please let me know if you have any thoughts / questions about or interest in NSPE/ABET collaboration.

Tom Roberts, P.E., F.NSPE, F.ASEE
785-565-1286 or at tcr@ksu.edu

KSPE PARTNER SPONSOR PROGRAM



Dear KSPE Member and/or Supporting Firm,

Thank you for your continued support of the Kansas Society of Professional Engineers (KSPE). This is a one-time request that will facilitate effective planning of the various KSPE events throughout our fiscal year, July 1 – June 30, and allow firms to more effectively plan and track their KSPE sponsorship investments. Please note that chapter activities and sponsorships are separate.

The Kansas Society of Professional Engineers' mission 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."

To that end, the KSPE Partner Sponsorship Program supports activities that deliver on this mission such as:

P.E. Licensure Ceremony – KSPE teams up with other organizations to recognize individuals who have recently passed the PE exam by holding a winter and summer licensure ceremony.

KSPE Annual Conference – The KSPE Annual Conference offers various professional development and networking opportunities over the course of the nearly three-day Conference and includes a golf tournament and Ice Breaker reception. KSPE Partners will receive complimentary registrations based upon their partnership level. Platinum partners will receive three (3) individual Conference registrations; Gold partners will receive two (2) individual Conference registrations; Silver partners will receive one (1) individual Conference registration.

For as much as \$2,500 or as little as \$1,000, your firm can continue to support the Kansas Society of Professional Engineers and our efforts to promote the profession by becoming a KSPE Partner Sponsor. However, for those firms not interested in participating in the Annual KSPE Partner Sponsorship Program, KSPE would appreciate any sponsorship investment your firm deems appropriate. To participate in this manner, please insert a dollar amount in the "Other Amount" portion of the Partner Sponsorship form.

Enclosed you will find an outline of sponsorship levels and benefits, as well as a form to enroll. KSPE Partner firms will also be recognized at the KSPE Annual Conference events. These benefits will begin immediately upon commitment to the KSPE Partner Sponsorship program. The funds raised by the KSPE Partner Sponsorship Program solely benefit state society funded activities. Please remember to support your local chapter. KSPE appreciates any support your firm may have provided in that past, and we look forward to building on that relationship.

Regards,

Jessica Rhein, P.E.
2019-2020 President
Kansas Society of Professional Engineers

KSPE PARTNER SPONSOR PROGRAM

PARTNER SPONSORSHIP PROGRAM

- Platinum Partner \$2500
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- Bronze Partner \$1000
- In Kind \$ _____

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 Exp Date _____ Signature _____

Advertising

Platinum and Gold: Please forward your business card size ad (Horizontal 3.5" wide by 2" height)

Please return completed form at your earliest convenience to:
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 825 S. Kansas Avenue, Suite 500, Topeka, KS 66612
 785-233-2121
info@kansasengineer.org

KSPE 2019 -2020 PARTNER SPONSORS

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“ KSPE MEMBER SPOTLIGHT: BRIAN HASH, P.E.

Chapter: Eastern Chapter

Education:

1998 BS Civil Engineering – University of Nebraska – Lincoln
 2001 MS Civil Engineering – University of Nebraska – Lincoln
 2007 MS Engineering Management – University of Kansas

What is your employment/education history?

My educational history starts at the University of Nebraska (Go Big Red!) where I earned my BS and MS degrees in Civil Engineering. While I was in graduate school, I worked in the structural engineering laboratory for what was then called the National Bridge Research Organization. It was there where I was given the opportunity to interact with consultants and DOT personnel in the bridge design world through research projects, real-world construction projects, and conferences around the nation. That experience gave me a great foundation to start my career. Out of graduate school, I accepted a job as a bridge engineer with Black & Veatch. I wasn't there for very long, but I did get a chance to interact with and learn from some great people while I was there. I was fortunate enough to find an opportunity to join HNTB in the fall of 2003 and I've been there ever since. Through my time at HNTB, I've had the opportunity to work on projects all over the nation and in various roles including project engineer, bridge task lead, and multidisciplinary project manager. I am currently the Highway Bridge Department Manager in HNTB's KC Metro office where I am responsible for the direction and supervision of bridge design staff in Overland Park and downtown Kansas City.

Tell us about your family.

My wife, Staci, is from Wyoming (Go Pokes!) and she is a teacher with Olathe Public Schools. We've been married for almost 14 years. We have two boys 11 and 4 years old – so we are preparing for transitions into kindergarten and into middle school in 2019. Interesting note: my wife and I had pretty much concluded that we would likely not be having any children about 8 years ago. We were wrong. Moral of the story: be careful what you pray for.

What is your greatest accomplishment to date?

Besides convincing my wife to marry me. And also besides the fact that we've managed to keep two boys alive in our home with only one trip the ER so far... this one is a hard one to pick, so I'll list a few.

Getting a Master of Science in Civil Engineering via the thesis route was perhaps one of my most challenging accomplishments. I definitely paid the price with three years in the structural engineering lab, 8 full scale steel plate girder load tests and hundreds of finite element parametric models. There was a time when I questioned the value of what I was doing (especially while I was doing it), but the opportunities that were handed to me and the knowledge that I was able to attain in that time were extremely valuable.

As far as my involvement in the local engineering community, although It has been a while, I founded the ASCE Younger Members Charity Golf Tournament back in 2006. We definitely started out with a lot of room for improvement, but I had a lot of great volunteers helping to develop that tournament over the first few years. It's great to see how that tournament has grown over the years and to know that over \$120,000 has been raised for charity since its inception. By the way, if you are interested in sponsoring this year's tournament, please reach out to Ben Gasper at bgasper@smhconsultants.com.

On a professional level, I am fortunate enough to be able to look back on some pretty awesome projects for which I was and still am able to contribute (A lot of which were in the great state of Kansas). All of my success and accomplishments would not be possible without the great team of individuals I have had working with me at HNTB, KDOT, and elsewhere. Favorites of mine that I refer to as some of my greatest opportunities/accomplishments include the following Kansas projects:



“ KSPE MEMBER SPOTLIGHT: BRIAN HASH, P.E. ”

- Bridge Task lead on the K-18 Relocation (Ogden to Manhattan) – Our team (including KDOT staff and our partners at Schwab Eaton) developed final plans for four new interchanges including 20+ bridge class structures in less than 9 months.
- Bridge Task lead on the K-10 South Lawrence Trafficway – For a project that technically started in the 1960's, this one was just cool to be a part of and an honor to be a member of the team that finally closed the loop.
- Project Manager for the 18th Street Expressway Bridge Replacement Study (Kansas City, KS) - I'm humbled to have the opportunity to lead our multidisciplinary study team in working with KDOT and the various stakeholders, including the Unified Government of Wyandotte County and KCK, in determining a preferred alternative for this bridge replacement.

One fun fact about you:

They say you're most likely to do something extreme right before you turn 40 (or 30, or 50, or 60). They also say extreme athleticism is the new midlife crisis. I ran my first and last marathon at age 39. It was the Lincoln Marathon. Probably the start of my very own mid-life crisis which lead to my Crossfit habit... more on that later.

What do you like to do with your free time?

Most of my free time is spent with my family. Soccer is a big deal with my 11-year old and we spend a lot of time at practice and games (Go Rush!). Both of my kids are full of imagination. My four-year old is always getting us to play his version of Monster Chase or Cops and Robbers. I'm enjoying life with those two and I hope that time finds a way to slow down before they get older, although I know it won't. Outside of family time, my wife lets me escape in the mornings to my 5:30 am Crossfit class. This year marks my fourth year doing Crossfit and my third Crossfit Open, for those of you who know what that means.

Why did you become an engineer?

I have always liked the idea of being able to influence the built environment. Plus I was good at math and science, so engineering seemed like a natural fit for me.

If you weren't an engineer, you would be a _____?

I probably shouldn't admit it here, but there was a time when I entertained being an architect. If not an architect, maybe a graphic designer. I've seen some pretty cool 3D visualization stuff at HNTB. Maybe I could look into that. Fact of the matter is the further I've gone in my career, the more it has become about working with other people and helping them succeed. I find that working with others and helping them succeed is a primary motivator for me and I think that component would need to be there regardless of what I do. If I could accomplish those things with a frozen banana stand, I might consider starting one.

FAVORITES

Restaurant: You can't live in Olathe and not like K-Macho's, right? My family usually finds a way to end up there. However, I won't turn down an invitation to eat at J. Alexander's or J. Gilbert's in Overland Park or Beer Kitchen in Westport.

Vacation Spot: With family in Wyoming, Yellowstone has become a regular spot for us and we love it. I'm hoping to expand our horizons a little more and check out some other national parks now that our youngest is a little older. I would also go to Hawaii again. Just saying.

Sports Teams: the University of Nebraska Cornhuskers football team, Sporting Kansas City

Song or Music Artist: My wife and I have been in an eighties music mode lately when we're together in the kitchen, although sometimes we'll jazz it up with some... jazz. However, my four year old has me listening to this song by the StoryBots called "Triceratops" that's pretty catchy. "One, two, three... check out my horns!" <https://www.youtube.com/watch?v=uqYfyza4e-c> You're welcome!

NSPE NEWS SECTION

NSPE

PECON UPDATE

By Gary Strack, P.E., F.NSPE, SECB

Insights to PECON 2019

If you didn't make the PECON in Kansas City, you missed an opportunity to participate in an informative, fun and well-attended conference consisting of:

- 5 technical tours
- A panel of 5 local executive officers from Black & Veatch; Burns & McDonnell; City of Kansas City, Missouri Public Works; HNTB; and JE Dunn speaking on the future of Engineering in 2025
- 3 General PDH Sessions
- 7 Interesting PDH Sessions
- Awards Luncheon where our own David Howe, P.E. received a well-deserved NSPE PEPP Award
- Inaugural Emerging Leaders Program which included 5 members of Western Chapter and led by Eric Strack, P.E. and President elect Tricia Hatley, P.E.



In addition to the conference sessions, there was a fun dinner event at Union Station and Science City with award winning Robotics Team and Future Cities Team demonstrations. And multiple opportunities to network with PEs from Missouri, across the United States and the World.

Make plans to attend PECON 2020 in Philadelphia August 12-16, 2020 and join the fun. For those of you who meet New Professional criteria, keep your eyes open for the next Emerging Leaders Program there.

If you want to volunteer for something with NSPE, shoot me an email or give me a call, you will find it rewarding and useful in your career.

Gary Strack, P.E., F.NSPE, SECB

NSPE Chair of Annual Convention Planning Task Force



KSPE FULL CALENDER OF EVENTS

| Date | Event | Location |
|-------------------|----------------------------|------------------|
| 3-5 June 2020 | KSPE Annual Conference | Olathe, KS |
| 12-16 August 2020 | 2020 PECON | Philadelphia, PA |
| 13 March 2020 | KSPE Water Quality Seminar | Topeka, KS |

Kansas MATHCOUNTS Competition Dates & Locations

Eastern Chapter Tuesday, February 4, 2020
 Jewish Community Center of Kansas City
 5801 W 115th Street
 Overland Park, KS 66211

Smoky Valley / Tri-Valley Chapters Saturday, February 8, 2020
 Kansas State Polytechnic
 2310 Centennial Road
 Salina, KS 67401

Southeast Chapter Saturday, February 1, 2020
 Pittsburg State University Kansas Technology Center
 1701 S Broadway
 Pittsburg, KS 66762

Topeka Chapter Saturday, February 1, 2020
 Washburn University
 Henderson Learning Resource Center, Room 100
 1700 SW college Ave
 Topeka, KS 66621

Wichita Chapter Saturday, February 1, 2020
 Wichita Collegiate School
 9115 E 13th Street N Wichita, KS 67206

Kansas MATHCOUNTS Competition Saturday, March 7, 2020
 Washburn University
 Henderson Learning Resource Center, Room 100
 1700 SW college Ave
 Topeka, KS 66621