

KANSAS PROFESSIONAL ENGINEER NEWS

MAY 2019



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STATE NEWS

President's Message By Dennis Kuhlman, P.E., FNSPE

Remember all those "things" that you planned on getting done – spring has arrived, and I wonder where my year has gone serving as your President of KSPE? It has been a fantastic year meeting and greeting fellow members across the state. With the implementation of the new membership model, it has become apparent that the only thing constant about your NSPE/KSPE organization is change. And change is good, as it brings new opportunities along with the challenges that keep us energized!

If you need energized, plan on making the trip to Wichita for this year's Annual Conference. The Conference will give you the opportunity to play golf with your fellow professionals, rub shoulders with the state's best engineers, gain PDH's in support of your license, and energize your professional goals. While you are attending, why not become a member of the Order of the Engineer? The Order of the Engineer provides you with the opportunity to see and experience the sense of pride and devotion to engineering as each inductee takes their oath and receives their ring. Observing the ceremony reminds us all about what is important as a professional engineer; to protect the health, safety and welfare of the public. All it takes for you to take advantage of this opportunity is to click the box on the Conference registration form to become a member of the Order of the Engineer!

As the numbers of needed engineers continues to increase and in some cases out pace the availability of new professional engineers, the need for competent Engineering Technicians will also grow. Could this be an opportunity for NSPE/KSPE membership growth?

President's Message Continued

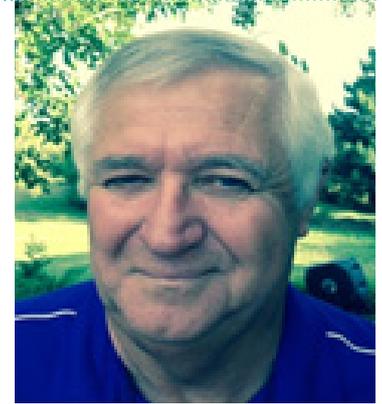
Are you familiar with NICET, a non-profit division of the National Society of Professional Engineers (NICET.ORG)? The mission of NICET is to promote excellence in engineering technologies globally through certification and related services. Since NICET was founded in 1961, more than 148,000 technicians and technologists have met NICET's rigorous certification criteria, and the number grows rapidly as more employers and local and state governments rely on NICET certification to measure the qualifications of their workforce. NICET defines engineering technicians as the "hands-on" members of the engineering team who work under the direction of engineers, scientists, and technologists. They have knowledge of the components, operating characteristics, and limitations of engineering systems and processes particular to their area of specialization.

A strong force in many technical fields, NICET regularly brings together industry leaders and subject matter experts to identify industry needs and design and maintain technician certification programs that promote technical knowledge and skills. The resulting programs measure the competency of technicians and technologists and supplies industries and employers with a more highly skilled workforce. Further, the Institute promotes the continuing professional development of its certified

technicians and technologists through a recertification process that emphasizes updated skills and state-of-the-art knowledge. As Wade Abbott, a senior engineering technician and a designer at transportation firm H.W. Lochner, said in a 2010 PE article, "Certification means to me what a PE means to an engineer: It is a mark of professionalism. It states that I am serious in excelling in my chosen profession and career." Presently, KSPE has no established mechanism for inclusion of NICET technicians into its membership base, Kansas does not have a licensing provision for technicians under the State Board of Technical Professions, and it is unknown what NSPE will develop in the course of implementing its strategic plans for future growth. So the discussion should begin, but all should recognize the challenges that will be present with any new opportunity. Perhaps you would like to be more involved in this discussion – opportunities!

Finally, this year provides you with the opportunity to be involved in the NSPE's PECON in Kansas City. With the National Conference so close, it would be a shame to let the opportunity for involvement in your Professional Society escape your participation. I hope to see you in Wichita in June and then in Kansas City in July!

As my year as your President is winding down, I want to thank the outstanding Board of Directors and our KSPE World Headquarters staff. Engineers in Kansas



can be proud of the organization that they have created and maintained through the years, including the new University of Kansas Student Chapter just established this last month! Outstanding professionals providing structure, leadership, and mentoring produce outstanding results – results that many other states envy! I thank you for the opportunity that you have provided allowing me to serve as your President. At the Annual Conference, Jessica Rhein will assume her role as next President, the first female president of KSPE. She, assisted by the Board of Directors, will do an outstanding job representing all of KSPE, recognizing change, and challenging new opportunities as they arise.

WELCOME NEW MEMBERS

Hayden Compton, P.E. Southeast Chapter
 Michael Ingalls, P.E. Eastern Chapter
 Libby Lorenson, P.E. Smoky Valley Chapter
 Jeff McKerrow, P.E. Eastern Chapter
 Nick Pedersen, P.E. Eastern Chapter
 Loren Snyder, P.E. Eastern Chapter
 Hemant Tiwari, P.E. Wichita Chapter
 Ujjawl Tulachan, P.E. Eastern Chapter

EXECUTIVE DIRECTOR MESSAGE

By Travis Lowe



KSPE Members,

Greetings from KSPE World Headquarters! 2019 is proving to be another busy year for KSPE. As we rapidly approach the summer season, we have many updates to share. First, we want to thank you for your continued support of KSPE that enables KSPE to provide and operate efficiently for you.

A couple weeks ago the 2019 Legislative Session concluded, wrapping up a busy year on the legislative front. The Session began with a slow start but quickly picked up pace. By May, legislation impacted our focus areas such as State Water Plan and State Highway Plan budgets, home inspection legislation, fire sprinkler legislation, KPERS legislation impacting state government engineers, and over a dozen bills relating to planning and possible funding for the next comprehensive transportation plan. Please tune in to the Legislative Wrap-Up in this issue.

Our Government Relations Committee, led by Travis Stryker, met monthly over the course of the Session to review the status of the bills and determine how KSPE should respond. Thanks to all involved for the help. We also just met to recommend a series of contributions to legislators by the KSPE PAC. We will be discussing this in greater detail at the KSPE Annual Conference in June.

Speaking of the Conference, we hope everyone is planning to attend the KSPE Annual Conference in Wichita

on June 12-14. This is a great opportunity to network, obtain PDH hours, and support the association. We have a great schedule planned and you can sign up online today! We want to thank all of our annual and conference sponsors who help make the event possible.

KSPE just finished two events, each with record attendance. In March the PEG Seminar in Wichita had another successful day. We are one of the only state societies with an active PEG Division with its own seminar day so this is an incredible asset of KSPE. Our Water Quality Seminar had over 80 people attend with a lot of positive feedback. Thanks to all who took the time to attend and help plan these events!

Just a reminder, please take this opportunity to vote for your KSPE officers. Ballots were emailed last week, and the polls are open until June 7. We have a competitive race for secretary, which is an important officer role. We really hope you will take the time to review their bios and make your selection between these two great candidates.

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 press the importance of KSPE. Remember, for anyone joining our Association or renewing after July 1, 2018, KSPE membership dues dropped from \$329 to \$299.

We hope you help us retain and grow our membership by promoting the dues reduction and the benefits KSPE provides. While most associations are having to increase dues to account for rising costs and inflation, KSPE is reducing the dues. Please help spread this message.

With all the activity and news in this issue, 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

BALLOT FOR 2019-2020 KSPE STATE OFFICERS

This is your official ballot for selection of our 2019-2020 KSPE state officers. Please review and submit your votes by completing the ballot found at the link at the bottom of this email.

Each year, the Nominating Committee is led by the out-going Past President of the Society. A big thank you is owed to current KSPE Past President Wayne Nelson P.E. for his work in assembling the ballot. Wayne will be completing his service as Past President and will be leaving the Executive Committee.

Your ballot is important. In order for our officer election to be valid we must have a minimum response of 20% of all KSPE members. The deadline for submitting your ballot is June 7.

PRESIDENT

Per the KSPE bylaws this is an automatic transition from President Elect to President: Jessica Rhein, P.E. (Wichita Chapter)

Upon graduating from Kansas State University in 2002 with a BS in Civil Engineering, Jessica began work in Wichita at Professional Engineering Consultants. Jessica became involved with the local branch of ASCE, serving all the board positions (some of them twice!) from 2004-2010. She took a year off in 2005 to move with her husband to El Paso while he finished his service with the Army. Upon moving back to Wichita, Jessica worked with Parsons Brinckerhoff for eight years, and became involved with the Wichita Society of Professional Engineers, also serving all board positions and currently serving on the Executive Committee. She began working at Sedgwick County Public Works, where she still finds time to be passionate about introducing engineering to our young people. A community activist, Jessica serves on the City of Derby Planning Commission, City of Derby Board of Zoning Appeals, USD 259 (Wichita) Career and Technical Advisory Board, and USD 260 (Derby) Project Lead the Way Advisory Board. Jessica has volunteered for MATHCOUNTS at both the local and state level for several years, and has been on the KSPE State Conference Planning Committee for numerous years. Jessica lives in Derby, KS with her husband Dean and their two children, Leona and Liam

PRESIDENT ELECT

Brian Scovill, P.E. (Eastern Chapter) currently serves as 1st Vice President

Brian Scovill from Edmond, Oklahoma, graduated from Oklahoma State University with a BS in Civil Engineering. He earned a Masters of Civil Engineering and a Certification in Public Management from the University of Kansas. He has worked for MoDOT as a Senior Inspector, Platte County, MO as the Assistant Director of Public Works, the City of Overland Park as a Senior Engineer, and now for the City of Leawood as City Engineer. Brian is married to Michelle and has two children; Garrison (16) and Britton (12). They reside in Olathe Kansas and attend Holy Cross Lutheran Church.

Brian has been active with KSPE since 2008. He has served in several roles within the Eastern Chapter including representing KSPE on the Kansas City Joint Engineering Council, Awards Chairman, Secretary, Vice President, President, and Past President. He has served on the state board as the Secretary, 2nd Vice President, and 1st Vice President.

1ST VICE PRESIDENT

Brian Coomes, P.E. (Southeast Chapter) currently serves as Second Vice President

Brian is a licensed Professional Engineer working in Southeast Kansas, where he has spent the last nine years of his career performing general civil / municipal engineering. Brian currently serves as a project engineer and project manager for Olsson in Southeast Kansas, and he has been with the firm for nearly two years. In 2008 Brian received his Civil Engineering Degree from Kansas State University. He spent the following two years with Kimley-Horn & Associates in the Dallas, TX area before returning to Kansas.

Brian has been an active member of KSPE for his entire tenure in Pittsburg, Kansas, including various positions within the SE Chapter Leadership. In 2016 Brian pursued an opportunity to begin serving on the State Board of Directors and has been an active member of the State Board ever since. He enjoys serving the profession both locally and at the state level. He also participates in other civic organizations in the Pittsburg area, including Rotary and the Pittsburg Area Young Professionals.

Brian spends most of his time away from work with his family, including his wife Jordan and three young children: Russell (6), Leo (4), and Maxine (2). In his free time, he enjoys all things outdoors, including hunting, fishing, camping, and athletics.

2ND VICE PRESIDENT

Kerrie Greenfelder, P.E., DBIA, BCEE, ENV SP (Eastern Chapter) currently serves as Secretary

Kerrie Greenfelder, PE, DBIA is the Municipal Water Department Engineering Manager for Burns & McDonnell in KC. She has a B.S. in Chemical Engineering with an Environmental Emphasis from KU. She is a licensed PE in five states and is a Certified Design-Build Professional. Her experiences include: water/wastewater treatment, project management, proposal development, design, reporting, bidding, purchasing, construction management/scheduling, alternative delivery, and startup for a variety of clients. Kerrie is active in numerous organizations, including the Kansas Society of Professional Engineers, the Society of Women Engineers, and the Water Environment Federation.



TREASURER

Kiel Johnson, P.E. (Eastern Chapter) currently serves as Treasurer

Kiel is a registered professional engineer in the State of Kansas. He received his B.S. in civil engineering from Oklahoma State University in 2005. He is currently enrolled in the Masters of Engineering Management program at Kansas State University. He started his career with George Butler Associates as a road and highway engineer from 2007 to 2012 where he worked storm drainage and road design primarily for KDOT projects. Then in 2012, he began work with Water District No. 1 of Johnson County Kansas as a project engineer. His duties include project management for distribution and transmission main projects, city coordination regarding relocation projects and condition assessment studies for the water district.

Kiel has been active on all three levels of KSPE and NSPE. Currently he serves as the project manager for the Leadership Development Task Force at NSPE and has served on the PECON Committee for the past years (2017 as the Vice-Chair). At the KSPE level Kiel was a state director for Eastern Chapter from 2014-2017 and was the State Awards chair from 2014-2018. On the local level Kiel has held every officer position from treasurer through president from 2010-2014. He is also an active member of KSAWWA.

SECRETARY

Jim Kowach, P.E. (Smoky Valley Chapter)

Jim Kowach, P.E. graduated from the Colorado School of Mines in 1985 with a BS in Petroleum Engineering and from the University of Kansas with a Master's Degree in Public Administration (MPA) in 2006. Jim is currently employed as the Director of Public Works for the City of Salina, Kansas. Prior to joining Salina in 2016, he spent almost 30 years working at the Kansas Department of Transportation (KDOT). When Jim left KDOT he was the Director of the Division of Engineering and Design. While at KDOT Jim worked closely with the American Council of Engineering Companies (ACEC), the Kansas Contractors Association (KCA), as well as several state and federal agencies.

Jim has been active in KSPE since 2006 having held all the offices in the Topeka Chapter and currently holds the office as the State Director for the Smoky Valley Chapter. Jim was honored as KSPE's Government Engineer of the Year in 2018. Over the years, he has volunteered with MATHCOUNTS, visited schools to discuss engineering careers, attended many of the KSPE PE recognition ceremonies and volunteered to help serve lunches sponsored by KSPE at the PE exams. Jim has also been active in the APWA since joining the city. Jim and his wife Lora have three children and three grandchildren. Jim and Lora enjoy fishing, camping, and playing golf together.

Slade Engstrom, P.E. (Wichita Chapter)

Slade Engstrom, PE, PTOE is currently a Senior Professional/Assistant Vice President in the TranSystems Wichita office. Slade has been with TranSystems since graduating high school, and attended Kansas State University for his undergraduate degree in civil engineering. He serves as the on-call consultant project manager for WICHway Operations Support as well as being involved in a number of Smart Work Zone projects for KDOT. He is actively involved in local Wichita engineering organizations. He is married and has two daughters. Slade has served as the local membership chair for WSPE as well as the state chair.

PAST PRESIDENT

Per the KSPE bylaws this is an automatic transition from President to Past President: Dennis Kuhlman, PhD, P.E., FNSPE (Smoky Valley Chapter)

Dennis received his undergraduate degree in Agricultural Engineering from Kansas State University. After service in the United States Navy, he returned to Kansas State University for his Masters Degree and completed his Doctoral Degree at Oklahoma State University. His Kansas State University career spanned over 36 years, beginning as an extension Agricultural Engineer and rising through the academic ranks to full Professor on the Manhattan campus followed by 16 years as CEO and Dean of the K-State Salina (now Kansas State Polytechnic) campus before his 2012 retirement. He also was a partner and co-owner of WRK Incorporated, an engineering consulting firm specializing in all aspects of agricultural pesticide application, research, and storage. Dennis has served the Smoky Valley chapter progressing through the offices from 1st year director through Past President, presently serves KSPE as President and has served as PEHE State Director, NSPE PEHE Mid-Central Regional Vice President (2007-2011), and has been active with chapter and state MATHCOUNTS events. Dennis and his wife Carol live in Salina, Ks.

Please visit <https://www.surveymonkey.com/r/CYM88K9> to cast your vote by June 7th 2019.

Respectfully submitted,
Travis Lowe, Executive Director

REGISTER NOW!



NSPE-KSTM KANSAS SOCIETY OF
PROFESSIONAL ENGINEERS

2019
Annual Conference
June 12-14
Drury Plaza Hotel Broadview
Wichita, Kansas



Kansas Society of Professional Engineers
2019 Annual Conference
June 12-14, 2019
Drury Plaza Hotel Broadview, Wichita, Kansas

Wednesday, June 12

- 8:00 am - 11:00 am **KSPE Board of Directors Meeting**
- 9:00 am - 11:00 am **EFK Board of Directors Meeting**
- 1:00 pm - 5:30 pm **Golf Tournament - Ron Gaches Seersucker Open**
Auburn Hills Golf Course
- 5:30 pm - 7:30 pm **Icebreaker Reception and Golf Awards**
Auburn Hills Golf Course

Thursday, June 13

- 7:30 am - 5:30 pm **Registration**
- 7:00 am - 7:45 am **Past Presidents' Breakfast**
- 7:30 am - 8:00 am **Continental Breakfast**
- 7:30 am - 5:30 pm **Vendor Showcase**
- 8:00 am - 8:15 am **Welcome to Wichita**
City of Wichita Mayor Jeff Longwell
- 8:15 am - 8:35 am **KSPE Update**
Dennis Kuhlman, P.E., F. NSPE
- 8:35 am - 8:55 am **NSPE Update**
Tricia H. Hatley, P.E., F. NSPE
- 8:55 am - 9:15 am **Installation of Officers**
Tricia H. Hatley, P.E., F. NSPE
- 9:15 am - 9:30 am **Order of Engineer**
Tom Roberts, P.E., F. NSPE
- 9:30 am - 10:00 am **Break/Vendor Showcase**
- 10:00 am - 11:00 am **Keynote Presentation - Art of Negotiations**
Dan Oblinger, Leadercraft
- 11:00 am - 11:50 am **QBS - Health, Safety, Welfare & Value**
Jeff Hancock, P.E., SMH Consultants
- 11:50 am - 1:00 pm **KSPE Awards Luncheon**
- 1:00 pm - 1:50 pm **CONCURRENT SESSIONS**
- | | |
|---|---|
| <p><u>Track A - Aviation</u></p> <p>Eisenhower GA Apron Expansion
<i>Caleb Coletrane, P.E., Garver</i></p> | <p><u>Young Engineer's Roundtable</u></p> <p>Listening Lab Develop/Practice Soft Skills
<i>Dan Oblinger, Leadercraft</i></p> |
|---|---|
- Track B
- Bike - Ped Panel**
Scott Wadle, City of Wichita
Brent Thomas, RLA, ASLA, Garver
Matt Messina, Kansas Department of Transportation
- 1:50 pm - 2:00 pm **Break/Vendor Showcase**



2:00 pm - 2:50 pm	CONCURRENT SESSIONS
	Track A - Aviation Drone Survey <i>Wayne Scritchfield, P.E., L.S., Kirkham Michael</i>
	Young Engineer's Roundtable Career Path Panel <i>Rod Young, P.E., PEC PA Jessica Rhein, P.E., Sedgwick County Public Works Alan Farrington, P.E., Wildcat Construction Jeff Lackey, P.E., TranSystems Corp. Dennis Kuhlman, P.E., F. NSPE</i>
	Track B Current Kansas Water Issues <i>David Barfield, P.E., Kansas Department of Agriculture</i>
2:50 pm - 3:00 pm	Break/Vendor Showcase
3:00 pm - 3:50 pm	CONCURRENT SESSIONS
	Track A - Aviation Innovating The Technology and Workforce of the Future <i>Paul Jonas, Wichita State University</i>
	Young Engineer's Roundtable KSPE 101 <i>Travis Lowe, Kansas Society of Professional Engineers Adam Stodola, P.E., F. NSPE, Garver Wayne Nelson, P.E., City of Salina</i>
	Track B KTA Bridge Raising <i>Glen Scott, P.E., Kansas Turnpike Authority Rod Lacy, P.E., Burns & McDonnell</i>
3:50 pm - 4:00 pm	Break/Vendor Showcase
4:00 pm - 5:00 pm	PRACTICE DIVISION MEETINGS-CONCURRENT ACEC of Kansas Annual Meeting/Professional Engineers in Private Practice (PEPP) Professional Engineers in Industry (PEI) Professional Engineers in Government (PEG) Professional Engineers in Higher Education (PEHE) Professional Engineers in Construction (PEC)
5:00 pm - 6:00 pm	President's Reception
8:00 pm - 11:00 pm	Pub Crawl
Friday, June 14	
7:00 am - 7:50 am	Breakfast Buffet KSPE PAC Update <i>Travis Lowe, Kansas Society of Professional Engineers</i>
7:50 am - 8:00 am	Break/Vendor Showcase
8:00 am - 8:45 am	Legislative Panel <i>Kansas State Senator Mike Peterson Kansas State Senator Carolyn McGinn</i>
8:45 am - 9:45 am	KDOT/KTA Update <i>Burt Morey, P.E., Kansas Department of Transportation David Jacobson, P.E., Kansas Turnpike Authority</i>
9:45 am - 10:00 am	Break/Vendor Showcase
10:00 am - 10:45 am	Wichita's New Triple A Baseball Stadium <i>Paul Gunzelman, P.E., City of Wichita</i>
10:45 am - 11:00 am	Break/Vendor Showcase
11:00 am - 12:00 pm	Wichita Riverfront Development <i>Gary Janzen, P.E., City of Wichita Paul Gunzelman, P.E., City of Wichita</i>
12:00 pm	Adjourn
12:45 pm - 3:00 pm	Tour at Riverfront Development (There is a \$5.00 charge for the tour.)

2019

NSPE-KSTM

KANSAS SOCIETY OF
PROFESSIONAL ENGINEERS

Annual Conference June 12-14

Drury Plaza Hotel Broadview
Wichita, Kansas

BRONZE SPONSOR

INCLUDES

- Recognition at all Events and in Program

SILVER SPONSOR

INCLUDES

- One (1) Individual Conference Registration
- Recognition at all Events and in Program

GOLD SPONSOR

INCLUDES

- Two (2) Individual Conference Registrations
- Special Recognition at President's Reception
- Recognition at all Events and in Program

PLATINUM SPONSOR

INCLUDES

- Three (3) Individual Conference Registrations
- Special Recognition at Ice Breaker and Engineer of the Year Awards Luncheon
- Recognition at all Events and in Program

\$500

BRONZE
SPONSOR

\$1,000

SILVER SPONSOR

\$1,500

GOLD SPONSOR

\$2,000

PLATINUM
SPONSOR

CONTACT ALISON CONNELL AT alison@bhandassociates.org OR GO TO www.kansasengineer.org FOR MORE INFORMATION

\$500

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GOLF HOLE SPONSOR
(**\$300** with Conference Sponsorship Commitment)

INCLUDES

- Sign Recognition at Golf Event
- Complimentary Golf Registrations

\$500

AWARDS LUNCHEON SPONSOR

AWARDS LUNCHEON SPONSOR

INCLUDES

- Recognition at all Events and in Program

\$1,500

PRESIDENT'S RECEPTION SPONSOR

PRESIDENT'S RECEPTION

INCLUDES

- Recognition at all Events and in Program

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KEYNOTE SPONSOR

KEYNOTE SPONSOR

INCLUDES

- Recognition at all Events and in Program

\$2,000

ICEBREAKER SPONSOR

ICEBREAKER SPONSOR

INCLUDES

- Recognition at all Events and in Program

CONTACT ALISON CONNELL AT alison@bhlandassociates.org OR GO TO www.kansasengineer.org FOR MORE INFORMATION



ORDER OF THE ENGINEER CEREMONY

Presented by the

Kansas Society of Professional
Engineers

June 13, 2019

9:15 a.m.

Drury Plaza Hotel Broadview, Wichita, KS

The Order of the Engineer is an independent organization whose purpose is to foster a feeling of pride in and dedication to the engineering profession. During the ceremony, each inductee takes a solemn obligation to uphold devotion to the standards and the dignity of the engineering profession. The obligation is a creed similar to the oath attributed to Hippocrates that is commonly taken by medical graduates and which sets forth an ethical code. The obligation likewise contains parts of the canon of ethics of major engineering societies. The Order promotes honesty and integrity, and recognizes that today's engineers are dependent on their predecessors for their skills. A stainless steel ring is worn on the little finger of the working hand to symbolize acceptance of the obligation.

KSPE/NSPE members who wear the ring help raise awareness of the concepts of licensure and professionalism. This awareness is extended to recent engineering graduates, to non-KSPE/NSPE members, and to the general public. Promoting the Order of the Engineer provides an opportunity for NSPE and its state partners to grow our membership. A strong membership base helps promote and protect the engineering license. You are invited to join in this important promotion of the licensed engineer. Please sign up to take the oath to serve humanity by making the best use of earth's precious wealth!

Name: _____ Major: _____

Please print your name as you would like it to appear on your certificate

School: _____ Year Graduated: _____

Permanent Address: _____

E-mail Address: _____

Ring Size (last finger on working hand): _____

Signature: _____ Date: _____

There is a \$20 fee to participate.

Return this form with your KSPE Conference Registration form and fees by May 10 to:

**KSPE
825 S. Kansas Avenue, Suite 500
Topeka, Kansas 66612
Fax: 785.233.2206
www.kansasengineer.org**

KSPE PRACTICE CHAIR UPDATES

PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE UPDATE

By Jeffrey Hancock, P.E.

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

Engineers in private practice accept a certain amount of risk when they design something. We mitigate this risk with experience, training, and evaluation. However, we never eliminate all risk. We can have only limited control of the methods and means utilized to construct what gets built, the quality of the builder, or environmental conditions. These limiting factors are further exacerbated when price weighs higher on the scale than quality in terms of both design and construction. Schedules also compromise risk. A supervisor once told me that clients are driven by cost, speed, and quality. If they pick only two from that list, the third will fall short of expectations.



What amount of risk is acceptable? There is not a clear answer to this question. As engineers in private practice we are also entrepreneurs. Risk is weighed against the success or detriment of the business. The entrepreneurial spirit is driven by risk, but too much risk and engineering do not go hand in hand. There is more to lose than a business. The baseline of all engineering decisions relates back to health, safety, and welfare. Beyond this foundation it is a willingness to accept the time and expense of dealing with minor problems if they arise, and they will arise.

When I was kid my brother and I would build ramps and jump our bikes over all kinds of stuff. The ramps would get higher and the risk greater. The result was skinned knees and elbows. It is important to understand limiting factors before we accept the risk of skinned knees and elbows. If you represent an agency who hires engineers in private practice, you too need to understand these limiting factors. These factors can not only put an engineer who wants to please you in a tough spot, they can also compromise the end product. As engineers in private practice educate your clients about the risk associated with what you do. Make sure they understand the limiting factors and be honest with yourself about those factors. Pass on the work that does not meet your litmus test. Sometimes you have to fire the client who is unwilling to accept these limits; be willing to do so. When problems do arise remember that you accepted this risk and deal with it in good faith. Good professional engineering goes beyond construction documents. Operate in this manner and you'll find success in private practice.

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 Jeffrey Hancock, P.E. of SMH Consultants at 785-776-0541 or at jhancock@smhconsultants.com.

ENGINEERS' FOUNDATION OF KANSAS UPDATE



Thank You! (in advance)

You take care of your spouse and family every day. You've made preparations to take care of your spouse and family if you die too soon. You take care of your church, your schools, your favorite charities. Some of you may have even made plans to take care of those institutions after you're gone.

But what are you doing now, and after you are gone, to support the profession that helped you take care of everyone else, including yourself? The time is now to "pay it forward" and say "thank you" to the engineering profession that helped make it possible to take care of all of these.

The Engineers' Foundation of Kansas needs your help to increase our funding for future engineering student scholarships and for supporting current valuable programs such as MATHCOUNTS and Future Cities.

There are many ways to contribute to EFK, below is just one option:

<https://money.usnews.com/money/retirement/iras/articles/2017-12-04/how-to-donate-your-required-minimum-distribution-to-charity>

Share your story with others! There will be several opportunities for us to advise everyone about other ways you can say "Thank You!" through EFK. Please consider helping us, so you can say "Thank You" to you!

Please contact **Greg Braden** at the EFK office if you would like to discuss further.

785-233-2121
info@kansasengineer.org.

P.S. Don't forget to see if your company has a matching gifts program!

"Giving is not just about making a donation. It is about making a difference."

825 S Kansas Ave, Ste 500
Topeka, Kansas 66612
P: (785) 233-2121
F: (785) 233-2206
info@efkansas.org
www.efkansas.org



ENGINEERS' FOUNDATION
E F K
OF KANSAS

Date: _____

To: Engineering Foundation of Kansas (EFK)

From: _____

Reply: Contribution to the Kansas Society of Professional Engineers Educational Foundation of Kansas (KSPE EFK), an IRS Code Section 501(c)(3) Charitable Foundation.

EIN: 23-7025458

Attached is my contribution of \$_____ /pledge of \$_____ (circle one) to contribute by _____ (fill in the date if pledge) to the EFK to support ongoing efforts as determined by the Board of Directors, or for _____ (designate program).

I would/would not (circle one) like to receive an annual reminder to make future contributions.

The following information is for the IRS Acknowledgement Letter and future contribution reminders if chosen:

_____ (Print Name)

_____ (Signature)

_____ (Street Address)

_____ (City, State, Zip Code)

_____ (Email Address)

_____ (Contact Number)

My company has a matching gifts program. If yes, please provide your company name and address.

_____ (Company Name)

_____ (Company Street Address)

_____ (City, State, Zip Code)

"Giving is not just about making a donation. It is about making a difference."

825 S Kansas Ave, Ste 500
Topeka, Kansas 66612
P: (785) 233-2121
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SAVE THE DATE!

EFK

**20th Annual Golf
Tournament**

September 13, 2019



Colbert Hills
Manhattan, KS
8:00 am Registration
9:00 am Shotgun Start



KSPE MEMBER SPOTLIGHT: BRAYSON BENNE, P.E.



Brayson Benne

Chapter: Tri-Valley (Manhattan, KS)

Education: BS Civil Engineering (University of North Dakota)
BS General Engineering (Benedictine College)

What is your employment/education history? After graduating from College my wife Katy and I had the opportunity to live on her grandfather's farm in Northern Iowa because I found a job with ISG in Algona, IA. Although we loved our time on the farm, being close to family called us back home to Manhattan where I now work. Currently I am an engineer in training at Olsson in Manhattan, KS.



Tell us about your family. My wife, Katy, and I are high school sweethearts and have been married over three years. We have one son, Liam, who I hope, is ready for his new younger sibling in August! We love getting outside to the park, riding bikes, and walking, or better put, being herded by our Australian shepherd Daisy.

What is your greatest accomplishment to date? I have been given several amazing opportunities at Olsson but being apart of a project centered around Manhattan Airport's need for a new solution to their parking lot has been something of which I'm very proud. It speaks to Olsson's main goal which is to design projects with a purpose to improve the communities in which we live. So being able to design a functioning parking lot that not only the airport but the whole community will use for years to come has been my biggest accomplishment in my short time as an engineer.

One fun fact about you: I spent one of my college semesters studying Italian in Florence, Italy.

What do you like to do with your free time? I enjoy a lot of things, from watercolor painting to playing piano to handyman projects around our house, but most of my free time is just spending time with family and friends.

Why did you become an engineer? I became an engineer because of my desire to solve problems and help people in their everyday lives by improving the infrastructure we use on a daily basis. My grandfather was a civil engineer, and it was by his example that I knew that civil engineering was the best fit for me.

If you weren't an engineer, you would be: a business owner or handyman

FAVORITES

Restaurant: **A.J.'s Pizzeria (best in MHK!)**

Vacation Spot: **New Zealand (someday)**

Sports Team: **Kansas Basketball**

Song or Music Artist: **Paul Simon**

LEGISLATIVE UPDATE

MAY 2019 STATE NEWS

By Travis Lowe

2019 Legislative Session Wrap-up & Highlights for Transportation Policy:

The 2019 Legislative Session is in the books as legislators returned home early on May 5. The wrap-up session, known as Veto Session, lasted just four days but proved contentious as factions of the House wrestled over Medicaid Expansion. After the smoke cleared, the 2019 Session lasted just 79 days, building on a new two-year trend to finish session in the first week of May. The 2019 Session began with a slow start but quickly picked up pace. By May, legislation impacted our focus areas such as State Water Plan and State Highway Plan budgets, home inspection legislation, fire sprinkler legislation, KPERs legislation impacting state government engineers and over a dozen bills relating to planning and possible funding for the next comprehensive transportation plan. KSPE's weekly legislative reports provided members real-time updates as notable legislation was introduced and under consideration. On several occasions, KSPE engaged in the process.

Tolling Bills

KSPE Past President Adam Stodola testified in support of HB 2369 in the House Appropriations Committee and SB 192 in the Senate Transportation Committee. Both bills would give the Secretary of the Kansas Department of Transportation (KDOT) more authority to designate or construct toll projects. This was a concept recommended by the Joint Legislative Transportation Vision Task Force. After working through the process, the Tolling Bill became law in the HB 2007 Conference Committee report.

Property Tax Lid Bills

KSPE Past President Adam Stodola

testified in support of SB 191 in the Senate Tax Committee and HB 2368 in the House Tax Committee that would provide an exception for the property tax lid for transportation projects. KSPE does not relish the idea of increasing property taxes. However, this bill could help provide a stable funding source for the new ten-year plan. KSPE also favors the local government's ability to determine its transportation needs and be a proactive partner with the State in delivering projects that meet those needs. Tax policy legislation relating to transportation did not move this session.

Fuel Tax Bills

KSPE Government Relations Committee Chair Travis Stryker presented testimony in support of HB 2370 in the House Tax Committee that would phase in a three-cent increase for motor fuel and other fuels. Funds generated from fuel tax to State Highway Fund are protected by the Kansas Constitution and cannot be transferred to other funding areas. Tax policy legislation relating to transportation did not move this session.

Transportation Planning Bills

KSPE member Scott Uhl testified in support of HB 2373 in the House Appropriations Committee that would allow the Kansas Department of Transportation to start the process in developing the successor to T-WORKS. KSPE Past President Wayne Nelson testified in support of the identical bill SB 186 in the Senate Ways & Means Committee. The bills also stipulate the remaining T-WORKS projects must be started before modernization and expansion projects can commence in a new program. The bill also requires at least \$8.0 million for projects or

programs in each county. These bills are expected to have further consideration next session.

Home Inspection Bills

KSPE members Scott Uhl and John Lyle testified against SB 168 in the Senate Commerce Committee that would put licensed professional engineers who perform home inspection services at a disadvantage and require additional training and requirements. KSPE believes Licensed Professional Engineers are well qualified in their discipline and should not require additional training and regulation. Because of the opponent testimony, SB 168 did not move forward. KSPE is working with other stakeholders in the bill to draft compromise language.

In addition to committee testimony, KSPE supported the Legislature's final budget bill (SB 25) which included Governor Kelly's recommendation of \$160M in reduced KDOT transfers to the State General Fund. According to Kansas Department of Transportation Secretary Julie Lorenz, these funds will allow for four of the remaining TWORKS projects to start this year. This will leave 17 remaining TWORKS projects. However, several of the projects are not ready to begin, even if the money were available.

It already sounds like 2020 will be a very busy legislative session for KSPE. Please help keep KSPE strong and able to promote and defend your profession in Topeka.

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CHAPTER NEWS SECTION

SMOKY VALLEY CHAPTER ELECTION RESULTS

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Vice President: Jarred Green

Secretary: Rex Ritter

Treasurer: Boaz Love

Chapter Director: Libby Lorenson

Past President: Jeff Drees

State Director: Jim Kowach

NSPE NEWS SECTION

NSPE

NSPE PECON!



PROFESSIONAL ENGINEERS CONFERENCE

JULY 17-21, 2019 KANSAS CITY MARRIOTT DOWNTOWN

#PECON19

PECON 2019 in KANSAS CITY

SEE YOU THERE!

July 17-19, 2019 is your opportunity to show the rest of the country what professional engineering in Kansas City and KSPE/MSPE are all about. We are planning a great event with tours on Wednesday afternoon, welcome reception Wednesday evening, and professional development sessions on Thursday and Friday. Thursday evening will be an interesting dinner and tour of the National WWI Museum. After the conference, take advantage of the opportunity to see NSPE governance in action, as the House of Delegates Annual Meeting will be held on Saturday.

This PECON will be the inaugural session of a new leadership development program that is being prepared for new professionals (less than 10 years post licensure). Participants selected for the inaugural class will have the opportunity for networking with keynote speakers, mentorship from NSPE leaders, team problem solving, and leadership development activities along with the full conference program. This program will be limited to only 20 participants, so keep your eyes open for the upcoming application. We look forward to seeing you at #PECON19.

Gary Strack, P.E.
Chair, PECON 2019 Task Force

NSPE NORTH CENTRAL REGION DIRECTOR UPDATE

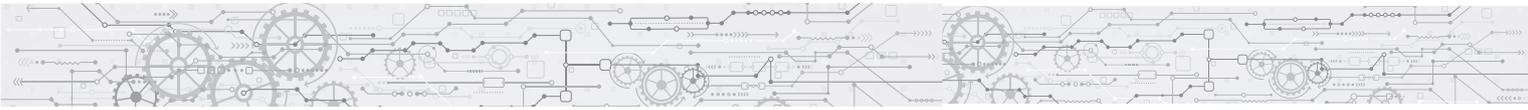
By Matthew Kruse, P.E., PTOE



Hello again fellow NSPE members and colleagues, hopefully by the time everyone is reading this Spring has finally come to stay in the region and the last reminders of Winter are gone. I again wanted to give you a brief update from NSPE on what has been taking place in the North Central Region since the last newsletter in January.

The main area that I wanted to focus this update on is regarding the most recent events that have taken place regarding the strategic planning effort for NSPE. As you hopefully recall, NSPE kicked off the strategic planning effort during the board meeting in Las Vegas in 2018. Since then, there have been several phone calls, numerous conference calls, and two in person strategic planning meetings, the most recent taking place in Tampa in the middle of March. At the last strategic planning meeting, our region was fortunate to be represented by Travis Lowe, who is serving on the strategic planning steering committee, Tom Roberts, who is the NSPE past president, and myself representing the North Central Region. At this strategic meeting, the full board of governors for NICET was also present, along with the strategic planning steering committee, which allowed for some very productive discussions regarding the future of NSPE and NICET and the overall strategic planning effort. After the first in person meeting, the main focus areas were as follows: Shaping of Public Policy, Educating for the Future, Communicating Powerfully to Critical Audiences, Diversity of Tomorrow's Engineer, and Engaging the State Societies and NICET. Based on the discussion in the last meeting, these were viewed as still pertinent, but that more individual focus should be given to NICET and the State Societies. With this in mind, there are eight key areas that came out of the March strategic planning meeting. These key areas include: NICET wins over the next 1-3 years, State Society wins over the next 1-3 years, Re-engineering governance regarding NSPE, Shaping of Public Policy, Educating for the Future, Communicating Powerfully to Critical Audiences, Diversity of Tomorrow's Engineer, and the last one is Creating or Building Buzz. These areas will continue to be refined as we move forward to unveiling the strategic plan at the NSPE PECON meeting in Kansas City in July. Speaking of NSPE PECON, the registration and the hotel block are now open for the meeting. In addition to the National NSPE PECON meeting, Kansas and Missouri are working towards each state's annual meeting that will be held in June. I wanted to take this moment to thank all of the volunteers from Kansas and Missouri who have helped plan each of these meetings and will help make them a success.

Within in the region, we hold monthly calls with state leaders and executive directors to discuss best practices, answer questions, or just share recent events taking place within each state. We are also at the middle point or approaching the end of this year's legislative sessions in many of our states. NSPE representatives at both the national level and state level continue to monitor new legislation as it is introduced and help to protect the interest of the engineering profession. If you have a question or comment regarding the strategic plan or anything going on in the region, please feel to reach out to me at 402-496-2498 or Matt.Kruse@LampRynearson.com.



KSPE FULL CALENDER OF EVENTS



Date	Event	Location
12 - 14 Jun 2019	KSPE Annual Conference	Wichita, KS
17 -21 Jul 2019	NSPE 2019 PE Conference	Kansas City, MO
13 Sept 2019	EFK Golf Tournament	Manhattan, KS
10 - 13 June 2020	KSPE Annual Conference	Olathe, KS