On July 1, Dr. Rudolph Buchheit officially became the 11th dean of the University of Kentucky College of Engineering.

Dean Buchheit was previously associate dean for academic affairs and administration of the College of Engineering at The Ohio State University, an academic unit comprising more than 350 faculty members, 400 staff members, 8,500 undergraduate students and 2,200 graduate students.
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University of Louisville is a military friendly and equal opportunity institution.
I’m truly honored to serve as KSPE’s President for the 2018-2019 administrative year. It is humbling and a privilege to serve the organization that has impacted me both professionally and personally for the last 12 years. I want to congratulate and thank immediate past President Kelly Meyer for an outstanding job serving our society as President last year. I hope to continue to provide the level of service and commitment that he and all the past Presidents gave to advance KSPE into the strong organization that it is today. I look forward to working with you to face the issues impacting our profession and to carry out the mission, vision, and goals of KSPE.

Since we adjourned the 83rd KSPE Annual Convention this past April in Owensboro, the KSPE staff and your state leadership have had a busy summer.

**Leadership Conference**

On May 31-June 1, your state officers, chapter presidents and state directors, as well as state committee chairs met at Mammoth Cave National Park for our annual Leadership Conference. The conference served as a networking opportunity for the incoming leadership to get to know each other and discuss some of the challenges and opportunities we have in the coming year. The 2-day event covered several topics including continued preparation of the new NSPE Business Model (more on that later). A portion of the conference was also dedicated to a roundtable discussion of the status of our Chapters. A representative from each Chapter gave a summary of their chapter’s activities, outreach events, and discussed some of the challenges they face. The goal for the discussion was to learn from each other on what has been working and what has not been so successful and take the information learned and implement them in the coming year. While we recognize some Chapters are struggling to remain active, we heard a lot of positive things going on throughout the state. I came away excited and encouraged about the future of KSPE. Thank you to everyone who attended and participated in the conference.

Another highlight of the conference was the opportunity to tour one of Kentucky’s most iconic destinations, Mammoth Cave. The group had the privilege to journey the “Domes and Dripstone” tour and learn some of the history of the first cave explorers.

Immediately following the Leadership Conference, the Board of Directors held their first board meeting of the year where the annual budget was approved and action was taken to continue our preparation for the new integrated partnership with NSPE.

**NSPE Business Model Update**

Efforts continued in May and June to prepare for our new integrated partnership with NSPE that took effect July 1st. As you are aware, an updated national/state agreement was executed between NSPE and KSPE in April. A portion of the agreement required both organizations to pursue governing documents that would closely align with one another. The NSPE business model task force continued review of our governing documents to better align KSPE with NSPE and to be consistent with current best practices for not for profit organizations. During the June meeting, the KSPE Board of Directors approved an amendment that would repeal the Constitution in its entirety and the provisions contained therein be incorporated into new governing documents that would include KSPE Bylaws and KSPE Operating Procedures. The amendment was approved by a majority of all eligible voting members of KSPE. The efforts of wading through these documents was led by Chuck Anderson and Art Curtis. Thank you Chuck and Art for your continued service to KSPE.

While the new governing documents are in place for the State society, be on the lookout for a template that is being developed for KSPE Chapters to use to update their governing documents to align with the newly implemented documents of KSPE and NSPE. Thanks to Darin Hensley for taking on this task.

**NSPE Annual Conference**

On July 18-21, KSPE President-Elect Kristen Crumpton, National Delegate Mike Harris, and Executive Director Russ Romine and I attended the 2018 Professional Engineers Conference hosted by the National Society of Professional Engineers in Las Vegas, Nevada. The conference had informative presentation tracts and it was a great opportunity to network with other members around the country. This was my second year attending the conference and each year I am reminded of the important role that NSPE plays in advocating for licensed professional engineers. NSPE Executive Director Mark Golden gave a presentation entitled “Threats to Licensure: A Tale of Two Paradigms”. He summarized the ongoing threats to the PE license across the country including recent state and/
or federal legislation that was pending or enacted upon to remove or drastically reduce licensure requirements and to consolidate, weaken, or eliminate licensing boards (sound familiar?). I was encouraged by the awareness that NSPE has on these threats and the urgency to proactively address the threats when and where they arise. I was also encouraged to see the time and effort that NSPE volunteer members have put in to focusing on the future of our profession. A Future of the Professional Engineer (FOPE) task force was initiated in 2016 by NSPE. NSPE past president and FOPE task force member Kodi Verhalen and FOPE task force chair Adam Stodola gave a presentation summarizing the task force’s initiatives and highlighted several recommendations that would be made to the NSPE Board of Directors to enhance the perception of and protect the PE. I look forward to seeing the outcome of this group’s work and look forward to the new integrated partnership with NSPE.

Closing
As I shared with attendees at the KSPE Annual Convention in April, I will have a focus on continuing to grow our Chapters and hope to begin the process of rejuvenating some of our Chapters that may not currently be as strong as they once were. I think it is important that we find ways to better engage current members and at the same time attract new members with fresh ideas. One of the best ways to attract new members is simply inviting someone to come with you. I encourage you to invite younger engineers in your office to a Chapter meeting. I’ve heard several of us talk about how we’ve been impacted by someone who took us to that first meeting, so I now encourage all of us to pay it forward and continue to grow KSPE.

If you have any questions, please don’t hesitate to contact me or the KSPE staff and we will be happy to help. I look forward to serving you this year.
I recently had the opportunity to attend the National Society of Professional Engineers’ 2018 Professional Engineers Conference in Las Vegas (#PECON18) and was joined by KSPE President Matt Rogers, President-Elect Kristen Crumpton, and National Delegate Mike Harris. As always, this conference served as a great opportunity to attend a national event and network with colleagues from other state societies around the country, plus many of the staff from NSPE headquarters in Alexandria, VA. The conference agenda was packed with content relevant for today’s professional engineer and provided attendees with several choices to customize their conference schedule with interesting topics. If you haven’t attended an NSPE Professional Engineers’ Annual Conference, I encourage you to consider making the trip. Next year’s conference (#PECON19) will be held July 17-21, 2019 in Kansas City, MO.

Future of Professional Engineering / Threats to Licensure
In his report in this edition of the Kentucky Engineer, KSPE President Matt Rogers mentions the PECON18 General Session presentation by former NSPE President, Kodi Verhalen, and chairman of the “Future of Professional Engineering” (FOPE) taskforce, Adam Stodola. Like Matt, I also wanted to touch on some of the information that Kodi and Adam shared, plus highlight the work of the FOPE task force as they’ve researched and analyzed trends impacting (or with the potential to impact) the professional engineer. The FOPE task force was first formed in 2016 and spent the last several months looking at a variety of issues ranging from emerging technology, to international licensure, to industrial exemption, to public sector engagement. The overarching goal of the task force was to take a detailed look at the role of today’s PE, then develop recommendations that will assist NSPE leadership as they reevaluate and refresh the NSPE Strategic Plan.

Attendees at the national conference also heard from Mark Golden, NSPE Executive Director, as he delivered a presentation entitled “Threats to Licensure: A Tale of Two Paradigms.” In answering his own question—“Why License Professions?” —Mark made the case that licensure for engineering is more important than it is for doctors, lawyers or dentists. While that may be an attention grabber, it actually makes a lot of sense upon further reflection. As Mark explained, if you need a doctor, you can look into his/her credentials before you choose to submit to their care. What if you need a lawyer? Similarly, you can look at his/her experience and background before you entrust them with your case. But… When you send your child to school, who do you check with to ensure the engineering of the utility services was done correctly? When you drive across a bridge, who do you call to make sure that the bridge was designed and built in a manner that would withstand traffic loads?

While most people readily see the need for standards of practice for engineering, is the need for engineering licensure self-evident? The answer is, “No.” As Mark Golden highlighted in his presentation, professional engineering licensure is under attack in states from coast to coast. Unfortunately, today’s trend is to reduce “barriers to entry” into the marketplace and—after doing so—increase market competition. State legislatures across the country—including here in Kentucky—are taking a closer look at occupational licensure and exploring ways to reduce barriers and eliminate obstacles that prevent entry into the job market. These barriers are being viewed through a lens of limiting economic growth and workforce opportunity. If left unchallenged, the PE license runs the risk of being grouped with licensing for occupations like barbers, florists, interior designers, manicurists, etc.

In engineering, mistakes can cost lives. It is through the fulfillment of rigorous education, examination and experience requirements—all necessary for licensure in this learned profession—that engineers offer their services to the public. As you know, the professional engineer holds paramount the public’s health, safety and welfare, and is guided by the highest standards of honesty, integrity and professional conduct. Licensure as a professional engineer is not a barrier to entry… it is a vital protection for the public. Along with NSPE, KSPE will continue to promote the need for this protection at the local, state and national levels.

New Deans Named for Colleges of Engineering at UK and U of L
Recent hires mark the beginning of new leadership for the J.B. Speed School of Engineering at the University of Louisville and the College of Engineering at the University of Kentucky. Both schools welcomed new deans to their respective campuses on July 1.
Dr. Emmanuel Collins was announced as the next dean of the J.B. Speed School of Engineering this past April and began his tenure at the University of Louisville on July 1. Prior to coming to U of L, Dr. Collins was a professor and chair of the Department of Mechanical Engineering at Florida A&M-Florida State University in Tallahassee. He also was founder and director of the Center for Intelligent Systems, Control and Robotics at Florida A&M-FSU, where he worked 23 years in all as a faculty member and administrator.

Dr. Collins holds bachelor’s degrees from Morehouse College and the Georgia Institute of Technology and, from Purdue University, a master’s degree in mechanical engineering and a doctoral degree in aeronautics and astronautics.

Dr. Rudy Buchheit was recently selected as the next dean of the University of Kentucky College of Engineering. Like Dr. Collins, Dr. Buchheit began his tenure on July 1. Prior to his move to Lexington, Dr. Buchheit served as associate dean for academic affairs and administration of the College of Engineering at The Ohio State University. From October 2006 to August 2014, he served as department chair of Materials Science and Engineering at Ohio State. Before his tenure at OSU, Dr. Buchheit was a senior member of the technical staff in the Materials and Process Sciences Directorate at Sandia National Laboratories in New Mexico.

Dr. Buchheit earned his bachelor’s degree in engineering science at Loyola University Maryland. He also holds a master’s degree and doctoral degree in materials science from the University of Virginia.

In accordance with Kentucky statute (KRS 322.230), both deans assume ex officio seats on the Kentucky Board of Licensure for Professional Engineers and Land Surveyors. The Kentucky Society of Professional Engineers welcomes Dr. Collins and Dr. Buchheit to Kentucky!

Board of Licensure for Professional Engineers and Land Surveyors: B. David Cox retiring; Ed Manning promoted During their July 27th board meeting, David Cox announced his retirement as Executive Director of the Kentucky Board of Licensure for Professional Engineers and Land Surveyors effective August 31, 2018. I’ve had the pleasure of getting to know David since I came to work at the Kentucky Engineering Center in 2016. Not only has David been an incredible help to me and the KEC Staff over the years, he has also been an incredible help to the professional engineers and land surveyors of Kentucky, and to the entire engineering profession. He is a true public servant and I commend him for his service and wish him the best in his future endeavors.

On August 3rd, the Board of Licensure held a special-called meeting and unanimously selected Ed Manning as its next Executive Director. Pending final action by the Kentucky Personnel Cabinet, Ed will assume his new role on September 1st. Ed is a licensed P.E. and has worked for the Board for 16 years, the last 10 serving as Director of Enforcement. The Board also named Kyle Elliott, longtime Board Investigator, as Director of Enforcement. Congratulations, Ed and Kyle! We know you and the dedicated staff of the Board of Licensure will continue to serve the Board, the profession, and the citizens of Kentucky well!

Looking Ahead
Here are some activities I’d like to draw your attention to in the coming weeks and months:

- **23rd Annual Kentucky Engineers’ Golf Classic, September 19** – Circle your calendar for September 19th for this year’s golf classic to be held at the University Club of Kentucky in Lexington. Make plans to join in the fun during this year’s event, while helping raise money for the KSPE George M. Binder Scholarship and a Project Lead the Way teacher’s scholarship. Check out the Kentucky Engineering Center’s website (www.kyengcenter.org) for the latest details and to register for the tournament.

- **Professional Development Opportunities** – We’ve recently announced dates for this fall’s series of one-day seminars. The Seminar Days’ series kicks off on October 17th with a Mechanical/Electrical Seminar in Georgetown. Additional seminars will follow on October 24 (Madisonville), October 31 (Somerset), November 7 (Paducah), November 28 (Prestonsburg), December 5 (Louisville), and December 12 (Ashland). Also, preparations are already underway for the 8th Annual Bridge Day in Lexington on February 5. As always, regularly check the Kentucky Engineering Center’s calendar of events, located at www.kyengcenter.org, for your latest professional development training opportunities.

continued next page
Final Thoughts
Before I close this quarter’s report, I want to briefly go back to the discussion on the Future of Professional Engineering and current Threats to Licensure. As the trend to reduce occupational licensure requirements grows, I want to emphasize that your support and dedication to the profession and your professional society has never been more critical. A unified front and the commitment and involvement of our membership and leadership will be key to meeting these new challenges and threats. Thank you for your involvement and your continued care. Together, we will uphold the integrity of the PE license and the profession of engineering.

Wishing you all the best!

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Exam Results
Pass rates for the April 2018 paper & pencil PE exams are as follows. The first % is the Kentucky pass rate and the second % is the national rate:

First Time Takers – 67%, 64%
Repeaters – 40%, 36%
Total – 61%, 55%

Pass rates for the first quarter of 2018 computer based tests. The first % is the Kentucky pass rate and the second % is the national rate:

FE Exam:
First Time Takers – 71%, 73%
Repeaters – 40%, 36%
Total – 67%, 66%

FS Exam:
First Time Takers – 100%, 45%
Repeaters – 0%, 36%
Total – 50%, 42%

PS Exam:
First Time Takers – 67%, 75%
Repeaters – 100%, 48%
Total – 75%, 68%

Continuing Education Tracking
You can use a free continuing education tracking system where you enter your continuing education courses, scan and store documents such as completion certificates, and transmit electronically to us if you are selected for audit. It can also be used for other states: http://ncees.org/cpc/

Verifications
If you need your license or exam information verified for another state, please go to http://ncees.org/ and log in to, or create, your MyNCEES Account. From there you can manage your electronic verification requests.

This process is much faster than mail. The second after we complete the electronic form, it is part of your NCEES file and available to the state you designated.

Calendar of Events 2018
August 14-18  NCEES Annual Meeting
Scottsdale AZ

October 11  Committee Meetings
Frankfort KY

October 12  Board Meeting
Frankfort KY

October 26  PE, STR Vertical Exams
Louisville KY

October 27  STR Horizontal Exam
Louisville KY

ENFORCEMENT ACTIONS SUMMARY
For The Period
April 28, 2018 – July 27, 2018

RICHARD JAY ROBERTS, PE
Richard Jay Roberts, PE of Dublin, Ohio was disciplined for failing to comply with the Continuing Professional Development (CPD) requirements for professional engineers, in violation of 201 KAR 18:196, and for falsely representing on his 2016 online renewal that he had complied with the CPD requirements, in violation of KRS 322.180 Section 1. The case was settled by a Consent Decree wherein Mr. Roberts acknowledged the violations and voluntarily surrendered his Kentucky professional engineering license. The Board accepted the Consent Decree on July 27, 2018.

BRUCE KEVIN BAILEY, PLS
Bruce Kevin Bailey, PLS of Henderson was disciplined for providing professional land surveying services in Kentucky through the business entity Bailey Surveys, Inc. after the business entity permit for that firm had expired, in violation of KRS 322.060. The case was settled by a Consent Decree wherein Mr. Bailey acknowledged the violation and agreed to the following: (1) a written reprimand, (2) a fine of $1000, (3) Mr. Bailey shall promptly file for reinstatement of the business entity permit for Bailey Surveys, Inc. The Board accepted the Consent Decree on July 27, 2018.

JOSEPH PATRICK CAHILL, PLS
In April 2018, Joseph Patrick Cahill of Dry Ridge self-reported that he had practiced professional land surveying services in Kentucky through the business entity Cahill Surveyors, Inc. after the business entity permit for that
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firm had expired, in violation of KRS 322.060. The case was settled by a Consent Decree wherein Mr. Cahill agreed to a fine of $1000. The Board accepted the Consent Decree on July 27, 2018. Additionally, Mr. Cahill filed for reinstatement of the business entity permit for Cahill Surveyors, Inc.

JEFF ALLEN ARNOLD, PE, PLS
Jeff Allen Arnold, PE, PLS of Bowling Green was disciplined for permitting personnel under his supervision at Arnold Consulting Engineering and Services to prepare legal descriptions for properties, which descriptions were used in deeds of conveyance, but the descriptions had not been surveyed or marked on the ground as is required by the Standards of Practice, 201 KAR 18:150. Additionally, one of the subject descriptions stated that the description was based on a survey performed by another area professional land surveyor but omitted any reference or claim of authorship to Mr. Arnold or any other licensed professional land surveyor employed by Mr. Arnold's firm. Mr. Arnold acknowledged that taken together, these statements are misleading to the public and constitute a violation of the Code of Professional Practice and Conduct, 201 KAR 18:142 Section 3 (1). The matter was resolved through a Consent Decree wherein Mr. Arnold acknowledged the violations and agreed to the following: (1) a written reprimand to Mr. Arnold, (2) a fine of $1000, (3) Mr. Arnold and all other licensed personnel at Arnold Consulting Engineering and Services shall attend a live seminar on the Surveying Standards of Practice, and (4) Mr. Arnold's professional land surveying license shall be on probation for two years during which time he shall submit a quarterly list of projects completed by him and his firm and pay for an independent review of selected projects for compliance with the Standards of Practice. The Board accepted the Consent Decree on July 27, 2018.

JEFFREY TALKERS, PE
Jeffrey Talkers, PE of Lawrenceburg, Indiana was disciplined for providing professional engineering services in Kentucky and for permitting others to provide professional land surveying services in Kentucky through the business entity Land Consultants, Inc. after the business entity permits for that firm had expired, in violation of KRS 322.060 Sections 1 and 2. The case was settled by a Consent Decree wherein Mr. Talkers acknowledged the violation and agreed to a fine of $2000. Additionally, Mr. Talkers agreed to promptly file for reinstatement of the business entity permits for Land Consultants, Inc. The Board accepted the Consent Decree on July 27, 2018.

MATTHEW MOKANYK, PE
Matthew Mokanyk, PE of Grawn, Michigan was disciplined for (1) failing to disclose on Kentucky professional engineering license renewal application that a disciplinary action had been taken against him by a licensing board in another state, in violation of 201 KAR 18:142 Section 3, and (2) providing professional engineering services in Kentucky through a business entity which does not hold a business entity permit from the Board, in violation of KRS 322.060 Section 1, and (3) offering to practice professional land surveying in Kentucky without the required professional land surveyor's license and business entity permit from the Board in violation of KRS 322.020 Section 2 and KRS 322.060 Section 2. This case was settled by a Consent Decree wherein Mr. Mokanyk acknowledged the violations and agreed to the following sanctions and conditions: (1) a written reprimand, (2) a fine of $3000, (3) probation of Mr. Mokanyk's professional engineering license for 2 years, (4) Mr. Mokanyk shall file for an engineering business entity permit for his firm within 10 days, and (5) Mr. Mokanyk shall either employ a Kentucky licensed professional land surveyor and file for a surveying business entity permit for his firm within 10 days, or cease all offers to practice professional land surveying in Kentucky. The Board accepted the Consent Decree on July 27, 2018.

ALEXANDER BARBER, PLS
Mr. Alexander Barber, PLS of Bowling Green entered into a Consent Decree with the Board of Licensure on April 14, 2017. Among other things, that agreement called for the probation of Mr. Barber's professional surveying license for two years during which time Mr. Barber would submit his work to the Board for third party review. Mr. Barber failed to submit a list of his completed work for the second quarter of 2018. In accordance with the terms of the Consent Decree and after being notified of the default, Mr. Barber's professional land surveying license was Suspended.
Congratulations to those selected for the 21st Class of Leadership PE!

Katie L. Beard, PE  
Frankfort Sewer Department

Devin L. Chittenden, PE  
HDR, Inc.

Krista E. Citron, PE  
Kentucky American Water

Trey DeRoche, PE  
Hazen and Sawyer

Colette R. Easter, PE  
Louisville MSD

Hope R. Evans, PE  
US Army Corps of Engineers

Eric B. Fister, PE  
GRW Engineers, Inc.

Ryan C. Griffith, PE  
Kentucky Transportation Cabinet

Alison Gwynn, PE  
Gresham, Smith and Partners

Joshua C. Hunn, PE, CFM  
AECOM

Anna C. Klenke, PE  
Michael Baker International

Jeremiah T. Littleton, PE  
Qk4

J. Taylor Perkins, PhD, SE, PE  
Stantec Consulting Services, Inc.

Christopher J. Sivley, PE  
Cornerstone Engineering, Inc.

Amy K. Tempus-Doom, PE  
Kentucky Division for Air Quality

Coty E. Young, PE  
US Army Corps of Engineers

This class will meet for the first time in Jamestown in September for their Orientation Session. You will get to learn more about each individual in the next issue of the Kentucky ENGINEER magazine so be sure to keep your eyes open for the Fall issue, coming out on the Kentucky Engineering Center’s website, http://www.kyengcenter.org, in late October!
REMINDER

As of July 1st, KSPE is no longer billing three-tiered members. If you are a three-tiered member (NSPE/KSPE/Chapter), you need to renew through NSPE at http://www.nspe.org.

KSPE still handles renewals for two-tiered members (KSPE/Chapter). Those renewals can be done through http://www.kyengcenter.org or by calling the KEC Office at 502-695-5680.

If you are not a current member of KSPE, to join you need to do so using the NSPE website. You can join by visiting the following link: https://www.nspe.org/membership/join-now

Questions?
Please call the KEC office at 502-695-5680.

CONGRATULATIONS!!

KSPE congratulates Ed Manning and Kyle Elliott on their recent promotions with Kentucky State Board of Licensure for Professional Engineers and Land Surveyors!

The Board of Licensure has named James Ed Manning, PE, PLS as Executive Director and Kyle Elliott, PLS as Director of Enforcement. Both appointments were made through unanimous board action at a special-called meeting on August 3, 2018. Pending final action by the Kentucky Personnel Cabinet, the appointments take effect September 1, 2018.

Ed is a licensed professional engineer and professional land surveyor and began his career with the Board in 2002 as an investigator. He was promoted to Director of Enforcement in August 2008. Prior to his time with the Board, Ed spent a decade in the coal mining industry in Kentucky, Virginia and West Virginia, followed by 14 years operating his own consulting engineering business. Ed has bachelor’s degrees in civil engineering and mining engineering, and a master’s degree in mining engineering, all from the University of Kentucky.

A native of Mount Sterling, Kentucky, Kyle Elliott has been on staff with the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors for 19 years. Kyle is a licensed professional land surveyor and has been a staff investigator with the Board of Licensure since 1999.

The Kentucky Society of Professional Engineers congratulates Ed and Kyle and wish them the best as they continue their service to the engineering and land surveying professions and the people of Kentucky.
FROM THE PROFESSION

Congratulations to AEI’s Marilyn Lewis! Inducted into the Gallery of Distinguished Civilian Employees, USACE

AEI’s Marilyn Lewis was selected by the USACE Louisville District for induction into the Gallery of Distinguished Civilian Employees. Her achievements were recognized at the Louisville District Corps Day Celebration 7 June 2018. This long-standing tradition in the Corps is given to one retiree each year.
Networking opportunities: As a KSPE member you develop friendships and relationships that last a lifetime. Being active at the local chapter level—in locations across most of Kentucky—provides you with the opportunity to meet and interact with fellow engineers in your community. Making new connections with people locally and at the state level will expand your network and can lead to new career opportunities or the expansion of your current business cliental. Each year KSPE hosts an annual convention that brings together hundreds of people from across the commonwealth to talk about a variety of issues impacting the engineering profession. Through close ties with the American Council of Engineering Companies of Kentucky (ACEC-KY) and the Society of American Military Engineers-Kentuckiana Post (SAME-KP), and through other KSPE sponsored events, there are numerous networking opportunities available for KSPE members to interact with fellow engineers.

Outreach and mentoring opportunities: Through KSPE, members have the opportunity to give back. One of KSPE's most recognized programs is Kentucky MATHCOUNTS—a competition that promotes math skills and STEM-related curriculum for middle school students. Students compete for awards and scholarships, including full tuition scholarships… even at the chapter level! Through KSPE, you also have the opportunity to meet and mentor young engineers who may just be starting his or her career. Those opportunities often produce strong ties from one generation to the next, and help ensure that the values and integrity of the profession are sustained.

Professional Development opportunities: Although professional development seminars are not limited to KSPE members only, a large variety of offerings are available to members at a discounted rate. Our seminars are regularly attended by representatives from local and state government agencies, consultant engineering firms, and other private or public-sector organizations. KSPE membership is a cost-effective way to maintain your continuing professional development requirements.

Advocate of the Professional License: One of KSPE's chief priorities is to protect the professional license and the licensee. Since 1934, KSPE has been the eyes and ears of the engineering profession and the engineer's license, constantly watching for threats or issues that might impact the individual licensee or the profession. KSPE strongly believes in its core mission to promote the ethical, competent, and licensed practice of engineering for the benefit of the public's health, safety, and welfare. Through regular communication, KSPE members are kept up-to-date on proposed federal and state legislation that may impact the engineering profession or the business of engineering. On behalf of its members, KSPE's advocacy influences public policy.

And so much more…

GETTING INVOLVED

Active participation is an important element of membership in any organization, and it's no different with KSPE. How much you “invest” in KSPE will determine your “return.” As an active member of KSPE, you will not only have opportunities to positively impact your profession, but you will also have many opportunities to impact the community in which you live. Here are a few examples of activities that the Kentucky Society of Professional Engineers plays an active role in, both financially and through volunteer participation…

- Leadership PE
- MATHCOUNTS
- Project Lead the Way
- Governor's Scholars
- and through many other community service opportunities

CURRENT MEMBERS

KSPE membership is diverse and includes a wide-range of engineering professionals from both the public and private sector. Current KSPE members are employed by the Kentucky Transportation Cabinet, American Engineers, Inc, HDR Engineering, Inc., the Army Corps of Engineers, EA Partners, PLC, the Louisville Water Company, DDS Engineering, PLLC, the Northern Kentucky Water District, LG&E & KU Energy, Palmer Engineering, the Kentucky Energy & Environment Cabinet, Summit Engineering, Inc., Kentucky American Water, GRW Engineers, Inc., AECOM, the Louisville Metropolitan Sewer District, Stantec Consulting Services, Inc., Strand Associates, Inc., Geotechnology, Inc., and many, many more…

INTERESTED IN JOINING KSPE? Join now at https://www.nspe.org/membership/join-now
### 2018 Schedule

#### September 2018
- September 4-6: 2018 ACEC-KY/FHWA/KYTC Partnering Conference - Galt House Hotel, Louisville
- September 25 - 28: InRoads I V8i SS4 - Kentucky Engineering Center, Frankfort
- September 27 - 28: 2D HEC-RAS 5.0.3 Modeling Training - Kentucky Transportation Cabinet, Frankfort

#### October 2018
- October 3 - 4: Roadside Design Guide - Kentucky Engineering Center, Frankfort
- October 16 - 18: InRoads II SS4 - Kentucky Engineering Center, Frankfort
- October 17: Mechanical Electrical One Day Seminar - Hilton Garden Inn, Georgetown
- October 24: Madisonville One Day Seminar - Ballard Convention Center, Madisonville
- October 31: Somerset One Day Seminar - Center for Rural Development, Somerset

#### November 2018
- November 2: Bowling Green One Day Seminar - Western Kentucky University, Bowling Green
- November 7:Paducah One Day Seminar - WKCTC, Paducah
- November 13 - 16: InRoads III SS4 - Kentucky Engineering Center, Frankfort
- November 28: Prestonsburg One Day Seminar - Jenny Wiley State Park, Prestonsburg

#### December 2018
- December 5: KRS 322 MTS Code of Conduct - Ramada Plaza, Louisville
- December 5:Louisville One Day Seminar - Ramada Plaza, Louisville
- December 12: Ashland One Day Seminar - Middough Inc, Ashland

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Discover the AEI Difference
Abby Burke, a civil engineering student at the University of Kentucky, is this year’s George M. Binder Past President Scholarship recipient. Abby comes from Hardinsburg, KY, and first became interested in engineering as a way to satisfy her curiosity and put her problem-solving skills to work: “All my life, I’ve been fascinated by the world around me. When I look at factories, construction sites, natural systems, and the like, I’m gripped by a desire to understand how they work. In high school, math and science classes provided me with modes of exploring these concepts, and I can recall learning about everything from xylem and phloem cells in a plant to the mechanics of a nuclear reactor and realizing that I was just scratching the surface. I was determined to deepen my understanding, and pursuing an education in math and science was the next logical step. Back then, I thought if you wanted to “do science,” you had to go into the medical field (I remember one of my teachers asking me if I wanted to “work on animals or people” when I grew up). After all, the only professionals in my tiny town were doctors, and I had never met or even heard of an engineer. But after I learned that engineers were people who use their math and science expertise and intuition to create, innovate, and design (not the folks who ride on trains), I knew that engineering was what I was made to do.” Since starting classes at UK, Abby has found civil engineering to be a very challenging and satisfying field.

Over the past few years, Abby has found several opportunities to work in the industry. Last summer, she completed an internship in the project management department at Denham-Blythe Company, a design-build firm in Lexington. Throughout her junior year, she worked part-time at Marrillia Design and Construction in Lexington. This summer she is interning at Black & Veatch’s Louisville office, working on the Ohio River Tunnel Project.

Outside of working and studying, Abby is very involved in several organizations on UK’s campus. She has been a Society of Women Engineers officer since her sophomore year and will be serving as this year’s secretary. This organization helps promote women in engineering through professional development, outreach, and networking. Through SWE, she has attended (and often helped organize) many conferences, volunteered at events for young girls, and built friendships with many women in UK’s College of Engineering.

In addition, Abby is a member of Tau Beta Pi’s Kentucky Alpha chapter and will serve as their 2018 conference representative. After initiating last fall, Abby has volunteered at several elementary school STEM nights with TBP and intends to keep up her involvement this coming year.

Abby is also very involved with Christian Student Fellowship on UK’s campus. Since her freshman year, she has participated in CSF events and groups, and has served in many capacities, from flipping pancakes at Friday Night Flapjacks and blowing up balloons for the annual water balloon fight, to leading a community service team and hosting a book study group at her house. She has also had the opportunity to go on spring break trips with CSF each year, most recently to Israel.

Abby plans on graduating in Spring 2019, and going on to pursue a master’s degree in civil engineering with a geotechnical or water focus. After that, she hopes to start her career at a consulting firm.
Aimee Quisenberry with the Ohio County High School was awarded the George M. Binder Project Lead the Way scholarship this year. This scholarship of $2,500 is given to cover the cost of core training that is done over the summer. The selection criteria for the scholarship is awarded based on the applicant who can demonstrate what Project Lead the Way means to the school, him/herself, and the Project Lead the Way students, as well as show evidence that there is a financial need and need for the core training needed to run the Project Lead the Way curriculum.

When asked how the core training would advance or improve the current Project Lead the Way program at Ohio County, Aimee said, “Students had the opportunity to take Intro to Engineering this year. They will need Principles of Engineering next year then Civil Engineering the following year to proceed through the pathway. The teacher must be trained to teach the courses. We have two sections this year and look forward to expanding the program to at least four to five next year. The Project Lead the Way training is very thorough and greatly improves the performance of the teachers and students.”

We asked Aimee a few more questions about teaching and Project Lead the Way, check out what she had to say.

**Why Did You Decide to Become a Teacher?**

**Aimee:** “I have always been one of those people that others went to for help in school. When I went to college, becoming a teacher just fit my personality the best. I am so glad that I decided to pursue this career! There is nothing more important in the world than preparing our youth for the future.”

**What Made You Decide to Become Involved with the Project Lead the Way Program?**

**Aimee:** “I had the opportunity to observe another school that had a PLTW program already in place. What I liked most about PLTW is that it allows students to see what engineering is like, even at the entry level, to see if it is something they might be interested in as a career. Normally, a student would have to wait until college to take a course in engineering and if they didn’t care for it, they were out money for the class and would waste time at college. This way, they can try it for free!”

**How Do You Feel Project Lead the Way Impacts Your Students?**

**Aimee:** “Engineering makes my students look at things differently. From the way things are designed to the way something could possibly be improved. These courses also teach them how it is to really work in a group setting and then present an idea with that group. Most of my students have not had a class like this so it is a real eye-opener for them.”

**What Are Your Hopes for The Future of the Project Lead the Way Program at Your School?**

**Aimee:** “My hope is that our school builds a strong engineering program for our students that will not only prepare them for college but will also help them start thinking outside-the-box. These courses really promote a different approach to learning and thinking that many of these students have not seen before by making them find the answers themselves rather than a teacher just giving the information for free.”

It’s refreshing to hear how passionate Aimee is about the Project Lead the Way program and her desire to help the students in her program. We are very excited to award Aimee and the Ohio County High School the scholarship this year to go towards her core training for Project Lead the Way! They are destined for great things.
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□ Hole Sponsor with Team @ $750/ea ($800 after 8/31)
□ Hole Sponsor/Team/Mulligans/GoForGreen @ $850/ea ($900 after 8/31).
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Mulligans: 4 Mulligans = _____ x No. Golfers ___ x $5.00/Mulligan = Total Mulligan Purchase: $ _____
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