Growth and change continue to be a way of life in the University of Kentucky College of Engineering!

- **805** Freshmen, up 36% from fall 2009
- **30%** of the University’s Singletary, Patterson, and National Merit Scholar Awards
- **28.0** ACT Composite, University average 25.5
- **400** Students in the Engineering Residential College living learning program housed in brand new Champions Court I residence hall; up from 100 students in 2013
- **3,130** Total Student Body, up 50% from 2009- first time the college has topped 3,000 students!

Stay informed about the latest news within the college!

- @ukengineering
- @ukengineering
- University of Kentucky College of Engineering
- ukyengineering
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PROFESSIONAL SERVICES
It is incredibly hard for me to accept that it is already the middle of October (probably the end by the time you read this), fall is in full swing, winter is right around the corner, and the KSPE year is already half over. It really does feel like yesterday that we were enjoying the Annual Convention in Lexington and planning what the upcoming year would look like.

This time of year Chapter meetings are in full swing, planning for MathCounts is kicking off and the committees and programs we discussed a few months ago are picking up steam. I’m sure these next 6 months will fly by just as quick, although I hope they do not. Most of the time it’s much easier said than done, but this is the perfect time of year to stop and smell the proverbial roses. We all tend to get caught up in the next “important” thing and before we know it, 6 months is completely gone. There’s a famous quote about this time of year by William Cullen Bryant that reads, “Autumn, the year’s last, loveliest smile”. With the hectic holiday season just around the corner, now is a good time to sit back and enjoy that last smile.

Chapter Meetings
As I mentioned, chapter meetings are in full swing by now. I’ve been contacted by a few chapters about attending a meeting and speaking for a short time (I can’t remember if they emphasized the short part or I did?) and I’m more than happy to do so. Please contact me at m.harris@jtleng.com or call me at 502-583-5994. As long as it fits in my calendar, I’ll be there with bells on.

KSPE Directory
If you haven’t yet, you should be receiving your annual KSPE Membership Directory. We hope you continue to find it useful and stash it away on an office shelf for when you need to look something up KSPE related. Even in this digital age, it’s the one printed directory I still keep around. If you have any ideas that would make it more user friendly or provide more value to the membership, please feel free to share them.

Engineering Center Updates
Some of you may have noticed that the downstairs training room has gotten all new PCs and monitors. This is a part of our ongoing efforts to provide the best value to our members through continuing education classes at the KEC. A portion of the proceeds from every seminar we put on is set aside, so that periodically we can make upgrades such as this one. We are hoping to find a worthy cause to which we can donate the old equipment, hopefully to a group or organization that shares our Vision and Mission.
At some point in the near future, we will embark on the last phase of our office upgrades by looking at a new phone system. At the end of the day we want the staff to be as efficient as possible, and this last piece of the puzzle will certainly help.

MathCounts
It’s never too early to start planning, so Donnie Horn and his committee are well underway, as well as chapter coordinators from across the state. Please put the following dates in your calendar:

Chapter Competitions: February 14
State Competition: March 20-21 (Louisville)

Those dates will be here before we know it and volunteers are always welcome. If you can spare some time prior to those dates, I’m sure the staff could find a place to plug you in, so please contact them if you would like to be involved.
If you’ve never been or helped out, it’s quite an experience and one of our major programs.

Educational Outreach Committee
Brett Lavey and his committee have gotten off to a great start, with the objectives of:

(1) Serving as a link between KSPE and the state’s educational institutions;

(2) Making KSPE a professional society that is meaningfully engaged statewide with students, parents and educators;
(3) Putting the E back in STEM (my personal favorite)

They have had some very meaningful discussion with Project Lead the Way about partnering on their Industry Certification program, as well as Future Cities and UK’s KEEP Program. They are pursuing additional involvement from UofL and WKU as well, and are laying the groundwork for what I think will be one of most important committees for years to come.

**Golf Classic**

Last but not least, after 10 years at the helm, I had to give up my chairmanship of the Golf Classic Committee. It was a sad day in the Harris house (at least for one member) but it was time to let someone else step up and run things. I was thrilled when Cole Mitcham and Eddie Mesta, both long-time committee members agreed to step up and co-chair the event. Although I couldn’t attend this year, I hear the weather was fantastic and the event went off without a hitch. For those of you who didn’t play this, consider joining in next year. It’s a great time and a good cause.
# Kentuckian Society of Professional Engineers

**NEW MEMBERSHIP APPLICATION**

160 Democrat Drive | Frankfort, KY 40601  
Phone: (800) 455-5573  
Fax: (502) 695-0738  
Email: kspe@kyengcenter.org

## Part A - Member Information

<table>
<thead>
<tr>
<th>Name</th>
<th>FIRST*</th>
<th>MI</th>
<th>LAST*</th>
<th>SUFFIX (Jr, Sr, etc)</th>
<th>GRADE (PE, EIT, etc)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Preferred Email Address**: __________

**Gender**: [ ] M  [ ] F  **Birth Date**: ____/____/____

**Employer**: __________

**Job Title**: __________

**Please send my KSPE Correspondence and Publications to**:  
[ ] Work  [ ] Home

**Work Address**

**Home Address**

**City**

**State**

**ZIP Code**

**Phone**

**Fax**

## Education Information

**Undergraduate Degree**: _______  **Major**: ___________  **College/University**: ___________  **Graduation Date**: _______

**Graduate Degree**: _______  **Major**: ___________  **College/University**: ___________  **Graduation Date**: _______

**Local Chapter Requested**: ___________  **Member Who Encouraged You To Join**: ___________

(Find out what chapter to request by visiting the KSPE Chapters website under KSPE at http://www.kyengcenter.org)

## Area of Interest

[ ] Construction  [ ] Higher Education  [ ] Government  [ ] Industry  [ ] Private Practice  [ ] Mining

## Part B - Membership Category - Choose Your Membership Category

- [ ] LICENSED MEMBER - I hold a valid license as a Professional Engineer in the US or Canada (or international equivalent)
- [ ] MEMBER - I am an EIT or graduate of an engineering program accredited by the Accreditation Board of Engineering and Technology (ABET) (or international equivalent)
- [ ] STUDENT MEMBER - Full Time Student in an ABET accredited undergraduate or in a junior college program anticipating enrollment in an ABET accredited engineering program. Current school and anticipated graduation date must be listed above.

## Part C - Membership Type - Choose Your Membership/Dues Level

- [ ] National (NSPE), KSPE & Local Chapter (Full NSPE Membership)
- [ ] KSPE & Local Chapter Only (Does not include NSPE Membership)

## Part D - First Year Dues - Choose Your Dues

Find your first year dues amount below using your Membership Type and Membership Category.

<table>
<thead>
<tr>
<th>First Year Dues</th>
<th>Engineer Member</th>
<th>Current Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSPE and Chapter</td>
<td>6 MONTHS FREE - $56.00</td>
<td>$10</td>
</tr>
<tr>
<td>NSPE + KSPE and Chapter</td>
<td>6 MONTHS FREE - $131.00</td>
<td>$20</td>
</tr>
</tbody>
</table>

## Part E - Payment Method - Choose Your Payment Method

- Check # __________
- Credit Card
  - [ ] Visa
  - [ ] Mastercard
  - [ ] Discover
  - [ ] Bill Me

**Credit Card #**: __________

**Expiration Date**: __________

**Billing Address**: __________

**City/State/Zip Code**: __________

Note: The asterisks above indicate that information which is required.
Board Members
David Atwell, PE, PLS and Ben Quinn, PE, PLS will complete their second terms of service on December 31, 2014 and are not eligible for reappointment. They will continue to serve until their replacements are appointed by the Governor. We appreciate their service to the board, the professions, and the citizens of the Commonwealth of Kentucky.

Direct Supervisory Control
We continue to have enforcement issues with licensees who believe they can “review” and then certify the work of unlicensed individuals. Under our Code of Professional Practice and Conduct regulation 201 KAR 18:142, a licensee can only certify work prepared by the licensee or under his or her direct supervisory control. Direct supervisory control requires that the unlicensed person being supervised is an employee of the licensee or the firm where the licensee works. A licensee cannot certify work prepared by any unlicensed individual who does not meet this employment requirement.

A licensee may review and certify the work of another licensee if the requirements of the regulation are met. These include:

- The review and certification are made at the request of the other licensee;
- The identity of the other licensee is not removed from the work product;
- You maintain all calculations and documentation showing adequate review;
- You verify that the other person was licensed at the time the work was performed; and
- You clearly delineate what part of the work you modified and what part you are certifying and taking responsibility for.

This article just provides an overview so please review the entire regulation at:

http://www.lrc.ky.gov/kar/201/018/142.htm

Continuing Education
The reporting period for obtaining your continuing education is the two calendar years preceding the June 30 due date for renewal of your license. For example, if your license expires June 30, 2015, you must obtain your continuing education during the period January 1, 2013 through December 31, 2014.

If you renew on or after September 1, you will automatically be audited for your continuing education. In addition to the monthly late renewal penalty, this is another reason to renew timely by June 30.

All those who renew before September 1, will be subject to random. Our computer program will randomly select approximately 5% for this audit. Please be aware that if you are selected for audit, our initial letter will tell you what information is required and give you 30 days to respond. Please do not ignore that deadline. Per our regulations, failure to respond during that 30 day period is a violation which will subject you to disciplinary action.

Approximately 99% of those who respond timely pass the audit with no issues. If a course is disallowed, you will be provided the reason and given 180 days to take another course.

During the renewal process, one of the questions asked is if you have complied with the continuing education requirements. Be sure to carefully read the question and respond accordingly. We have had several licensees indicate they answered the question incorrectly for their situation. Once you answer the question, we accept your answer and proceed accordingly. You cannot contact us to change the answer.

Calendar of Events 2015

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 8</td>
<td>Committee Meetings</td>
<td>Frankfort KY</td>
</tr>
<tr>
<td>January 9</td>
<td>Board Meeting</td>
<td>Frankfort KY</td>
</tr>
<tr>
<td>April 17</td>
<td>PE, STR Vertical, PS Exams</td>
<td>Louisville KY</td>
</tr>
<tr>
<td>April 18</td>
<td>STR Horizontal Exam</td>
<td>Louisville KY</td>
</tr>
<tr>
<td>April 23</td>
<td>Committee Meetings</td>
<td>Louisville KY</td>
</tr>
<tr>
<td>April 24</td>
<td>Board Meeting</td>
<td>Frankfort KY</td>
</tr>
</tbody>
</table>
In January 2012, Mr. William Michael Reeves, PE of Milford, Ohio entered into a Consent Decree in settlement of a disciplinary action against him. Among other things, that agreement called for Mr. Reeves to submit to an audit of his Continuing Professional Development credits for the 2012/2013 reporting period. Mr. Reeves failed to respond to the audit. In accordance with the terms of the Consent Decree and after being notified of the default, Mr. Reeves’ professional engineering license was suspended. The suspension became effective February 5, 2014. Pursuant to the terms of the Consent Decree, Mr. Reeves had an additional six (6) months after the effective date of the suspension to comply with the terms of the Consent Decree. Mr. Reeves did not comply. In accordance with the terms of the Consent Decree and after being notified of his continuing default, Mr. Reeves’ professional engineering license was revoked. The revocation became effective August 26, 2014.

DOYLE HARDIN

Doyle Hardin PLS of Clarkson surrendered his professional land surveying license in 2013. Mr. Hardin subsequently began working as a survey party chief, ostensibly under the supervision of a licensed land surveyor from the Warren/Barren County area. In August 2013 the Board of Licensure received information that Mr. Hardin was continuing to perform land surveying services on his own. An investigation revealed that Hardin had provided land surveying services without any supervision from a licensed person. Additionally, it was determined that Hardin’s employment arrangement with the licensed land surveyor did not provide for the level of supervision necessary to meet the requirements of KRS 322. When confronted with the findings from the investigation, Mr. Hardin entered into an Agreed Injunction which bars Mr. Hardin from further unlicensed practice. No penalty was assessed for the current violation; however the Agreed Injunction calls for a fine of $1000 and seven (7) days in jail for any future violation. The Agreed Injunction was entered in the Franklin Circuit Court on October 1, 2014.

RAY G. FLAKE, PE

In July 2014, Mr. Ray G. Flake, PE of Fairview, Tennessee entered into a Consent Decree in settlement of a disciplinary action against him. Among other things, that agreement called for Mr. Flake to cause his firm, Consulting Engineering Services, PC to obtain authority to transact business in the Commonwealth of Kentucky within ten days. Mr. Flake failed to obtain such authority within the time specified in the Consent Decree. In accordance with the terms of the Consent Decree and after being notified of the default, Mr. Flake’s professional engineering license was suspended. The suspension became effective August 15, 2014. Mr. Flake subsequently complied with this section of the Consent Decree and his license was restored to active status, effective September 4, 2014.

WILLIAM M. REEVES, PE

In January 2012, Mr. William Michael Reeves, PE of Milford, Ohio entered into a Consent Decree in settlement of a disciplinary action against him. Among other things, that agreement called for Mr. Reeves to submit to an audit of his Continuing Professional Development credits for the 2012/2013 reporting period. Mr. Reeves failed to respond to the audit. In accordance with the terms of the Consent Decree and after being notified of the default, Mr. Reeves’ professional engineering license was suspended. The suspension became effective February 5, 2014. Pursuant to the terms of the Consent Decree, Mr. Reeves had an additional six (6) months after the effective date of the suspension to comply with the terms of the Consent Decree. Mr. Reeves did not comply. In accordance with the terms of the Consent Decree and after being notified of his continuing default, Mr. Reeves’ professional engineering license was revoked. The revocation became effective August 26, 2014.
Mr. Heath subsequently acknowledged that he made a copy of Linker’s seal and signature and subsequently affixed them to three other easement plats without Linker’s knowledge or consent. Mr. Heath acknowledged that his actions constitute the unlicensed practice of professional land surveying. Mr. Linker acknowledged that his actions constitute the unlicensed practice of professional land surveying and the aiding and abetting of unlicensed practice by Mr. Heath and Survey Solutions, Inc.

To resolve this matter, Mr. Heath entered into an Agreed Injunction which bars Mr. Heath from further unlicensed practice. No penalty was assessed for the current violation; however the Agreed Injunction calls for a fine of $1000 and seven (7) days in jail for any future violation. The Agreed Injunction was entered in the Franklin Circuit Court on September 30, 2014.

Mr. Linker entered into a Consent Decree wherein he acknowledged the violations and accepted the following sanctions: (1) Letter of Reprimand, (2) a $2000 fine, (3) Mr. Linker must take and pass the online course in engineering ethics offered by Texas Tech University, (4) Mr. Linker agreed to sever his business relationship with Bradley Scot Heath within 30 days, (5) a two-year probation of Mr. Linker’s professional engineering license during which time he will submit to a quarterly review of his work. The Board of Licensure accepted the Consent Decree on October 10, 2014.

JOHN WHALEN HILL, PLS
In March 2013, the Board received two complaints against John Whalen Hill, PLS of Lexington. The complaints alleged violations of the Surveying Standards of Practice, 201 KAR 18:150, including failure to conduct adequate records research; and failure to notify a landowner before entry onto his property. A Board investigation confirmed the violations. Additionally, a review of Mr. Hill’s recent work product identified a significant number of other violations of the Standards of Practice. The matter was settled through a Consent Decree wherein Mr. Hill acknowledged the violations and accepted the following sanctions: (1) Letter of Reprimand, (2) a $1000 fine, and (3) a two-year probation of Mr. Hill’s land surveying license during which time he will submit to a quarterly review of his work. The Board of Licensure accepted the Consent Decree on October 10, 2014.

DAVE R. WALL, PE
In 2011 the Board of Licensure received information that Dave R. Wall, PE of New York, NY had provided engineering services in connection with some proposed plaza buildings at the Cincinnati/Northern Kentucky International Airport through his firm T.W.I.G. Consulting Engineers, PC. The firm did not have a valid business entity permit as required by KRS 322.060. The matter was settled through a Consent Decree wherein Mr. Wall acknowledged the violation and accepted the following sanctions: (1) Letter of Reprimand, and (2) a $1000 fine. Additionally, Mr. Wall agreed that he would obtain a business entity permit before soliciting or providing engineering services in Kentucky through any business in which he has ownership or control. The Board of Licensure accepted the Consent Decree on October 10, 2014.

L. WAYNE KING, PE
Mr. L. Wayne King, PE, of Pelham, Tennessee was disciplined for a failing to respond to an audit of his Continuing Professional Development (CPD) credits in a timely manner and for failing to obtain the required number of CPD credits during the specified audit period, in violation of 201 KAR 18:196. The case was settled by a Consent Decree wherein Mr. King acknowledged the violations and agreed to a $1000 fine. Additionally, Mr. King agreed to provide proof of his participation in 30pdh of qualifying CPD activities for calendar years 2011 and 2012 within sixty days, and an additional 30pdh of qualifying CPD activities for calendar years 2013 and 2014 by December 31, 2014. The Board accepted the Consent Decree on October 10, 2014.
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at the Northern Ky Convention Center
APRIL 8-10, 2015

Be sure to check out our Calendar for upcoming seminars!
http://kyengcenter.org

Follow KSPE on Twitter
http://twitter.com/kyengineers
2014 Class of Leadership in Engineering P.E.

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Rachael C. Haunz, PE
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Aaron F. Johnson, PE
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LEED AP
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Fax: (859) 744-1266
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Profile: Manages analysis and design of bridge projects, as well as serves as team leader for bridge inspections. Member of KSPE and ACEC-KY.

Jason J. Siwula, PE
Innovation Engineer
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200 Mero Street
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Profile: Provides leadership and oversight to KYTC Research and Innovation programs. Identifies opportunities to deploy new concepts and technologies to improve quality and efficiency. Member of KSPE

April L. Welshans, PE
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Lexington, KY 40511
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Fax: (859) 422-3100
Email: april.welshans@stantec.com
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Sharon Worley, PE
Senior Engineer
Louisville MSD
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Phone: (502) 540-6744
Fax: (502) 540-6561
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Profile: Responsible for management of engineering design projects and technical studies. Member of KSPE.

Chou-Yu Yong, PE, SE
Structural Engineer
Michael Baker, Jr Inc
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Louisville, KY 40223
Phone: (502) 339-5875
Fax: (502) 339-4486
Email: cyong@mbakerintl.com
Profile: Responsibilities include design, analysis and plan development of conventional and complex bridges. Member of KSPE and ACEC-KY.
Leadership PE
The seventeenth class of Leadership PE has officially kicked off with two successful sessions. The seventeen individuals in this class have gelled pretty quickly and the group seems to really enjoy being together and learning from our eminently qualified session leaders.

The first gathering of the group was the Orientation Session held at the Jamestown Marina on Lake Cumberland in September. Activities in this session are geared toward getting to know each other and included the ride on the legendary Dave Houchin house boat on a chamber of commerce sunny afternoon. Additionally, the group toured Wolf Creek Dam for the first time in several years since the rehabilitation work on the dam began. Once inside the dam, several of us were able to get a close up look at the intake to one of the turbines that was down for rehabilitation – some 160 feet below the surface of the water in Lake Cumberland!

The Communication Session was held in October in Georgetown. The group was put through some challenging exercises which included conducting a mock interview for an engineering project. The highlight of this session was of course, the grilled beef tenderloin prepared by yours truly. The huge mounds of steamed vegetables prepared by Marcie Fisher and Rosemary Gilbertson weren't bad, either.

Please take a look at this year’s class in the two-page spread included in this magazine. These are our future leaders. If you know one of these individuals, let them know that you are proud of the commitment they are making for their own future and that of our profession.

We’ve Upgraded!
The Kentucky Engineering Center has successfully migrated all of its computer operating and data systems to the cloud. Performance, reliability and security have all been greatly improved. We still encounter the rare occasional bug, but overall we have been pleased with the upgrades and we hope that you will notice these improvements. On second thought, if you don’t notice the systems, that is probably a better indicator that things are functioning smoothly, reliably and as they should. We here at the Kentucky Engineering Center are happy to be able to join you in the 21st century!

Coupled with the migration to the cloud, we have also turned over the monitoring of our computer systems to an outside vendor. Our systems are remotely monitored on a continuous basis so that when problems do occur, they are immediately addressed. The monitoring of the system’s performance should actually serve as an early warning before significant problems do occur.

The bottom line for us is having systems capable of properly serving you, our members. If ever you encounter problems from your end when dealing with any of our systems or our website, please make sure that we are aware of the issue. When problems do occur and we do not hear from you, we may not know that a problem even exists.

Next up: upgrade of the phone systems!

NCEES
Your Kentucky Board of Licensure has passed along a request from the National Council of Examiners of Engineers and Surveyors (NCEES). NCEES is looking for licensed civil engineers that are interested in participating in a standard-setting study of the civil engineering PE exam. For more information, check out their announcement at the following link

2014 Golf Classic
For those of you fortunate enough to participate in the Kentucky Engineer’s Golf Classic on September 24th, you know that we picked absolutely the most perfect weather possible for our outing. For those of you that just could not get away from work, or worse yet simply chose not to join us (shame on you), you missed out on some outstanding networking/comradery, great prizes and an opportunity to relax on the golf course. If you did miss out on this for whatever reason, we hope that you make a special effort to attend next year’s event. I can promise
that you won’t regret it.

Our gratitude goes out to the Golf Classic Committee, led by Eddie Mesta and Cole Mitcham for helping us produce this quality event. Committee members Steve Emly, Dirk Gowin, Kyle Guthrie, Paul Larsen, Mike Harris, Randy Stambaugh, Mike Wedding and Chris Lowe all worked hard to ensure the success of our annual event. Finally, the glue was supplied by Marcie Fisher and Jennifer Gatewood from our office.

A special thanks is also due our major sponsors. This year Plantmix Asphalt Industry of Kentucky (PAIKY), ADS (Advance Drainage Solutions, Inc.) and BB&T Insurance Services all stepped to the plate to help ensure the success of the event.

To see more information about this year’s Golf Classic and pictures, see page 20.

The Politics of it All
This issue of the Kentucky Engineer will be the last one before the November elections and additionally the 2015 General Assembly will be underway by the time our next issue reaches your desk. To wet your governance appetite, there are several considerations to watch for over the next several months…

The political race that has garnered the most attention both locally and nationally is the United States Senate race between incumbent Senator Mitch McConnell and challenger Kentucky Secretary of State Alison Lundergan Grimes. This race takes on national importance if the Republicans gain control of the Senate in this election cycle. In that event, Senator McConnell, if elected, would likely become Senate Majority Leader. Secretary of State Grimes is trying to unseat the 30-year Senate veteran, which would itself be historic. Whichever candidate you support, the outcome of this race – along with the other Senate races nationally - has the potential to produce significant change for the citizens of Kentucky.

Locally, this year’s elections have the potential to speak volumes on the agenda that the Kentucky Legislature will pursue in the short session that begins on January 6. Currently in the Kentucky House of Representatives, Democrats hold 54 seats to the Republican’s 46. A shift of five seats in the November elections would give the Republicans the majority. Both the Republican and Democratic camps exhibit confidence that they will prevail in the House of Representative elections. Should the Republicans turn the tables, it will be their first majority since 1920 and will most certainly include a significant shift in the legislative agenda.

If the Democrats retain control of the House, it is not anticipated that there will be many significant issues that will impact our profession. Public-Private Partnerships (P3’s) will certainly be back on the table for consideration with a concerted effort to improve the bill from the last session that was ultimately vetoed by the Governor and that lacked support from the Northern Kentucky delegation due to their opposition to the imposition of tolls to help fund the construction of the Brent Spence Bridge.

If Republicans attain majority status, the things to watch for are those initiatives unveiled a couple of months ago in the “Handshake with Kentucky”. The initiatives in the HWK that would be of most interest to our profession include: a more robust P3 legislation than currently being considered; the repeal of the prevailing wage law governing public construction; and, tax reform that is “more attractive to job creators”.

If you have any questions or concerns about the upcoming 2015 legislative session, feel free to contact me, or our Legislative Committee Chairman Ben Edelen (ben.edelen@hdrinc.com).

Parting Thought on Professional Development
Our Professional Development Committee, under the guidance of Chairman Brad Gregory, is doing a great job in identifying educational opportunities to provide to the engineering community to help them meet their continuing education needs. Whether it be a multi-day training session here at the KEC or one of our one day seminars that we hold throughout the state, we are very proud that we have the ability to produce high-quality opportunities at the “best price in town”. Whichever candidate you support, the outcome of this race – along with the other Senate races nationally - has the potential to produce significant change for the citizens of Kentucky.

Finally, I had the opportunity to facilitate the Bowling Green One-Day Fall Seminar on October 3rd at the Western Kentucky University Engineering and Biological Science Building. I would like to express a special thanks to Julie Ellis and Joel Lenoir, who were fantastic hosts for the day. I would also like to let you know that WKU is doing some great things in engineering education. And to top it off, their entire faculty are licensed engineers! Take some time to learn more about what is happening there - you will be impressed!
NCEES HONORS COX FOR SERVICE

B. David Cox, of Lexington, Kentucky, has been awarded the NCEES Meritorious Service Award for his dedicated service to the engineering and surveying professions. Cox received the honor at the 93rd NCEES annual meeting, held August 20–23, 2014, in Seattle, Washington.

Cox has served as executive director of the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors since 2001. His contributions to the board include testifying before numerous legislative committees on issues related to regulatory changes, continuing education, and surveyor education requirements. In 2013, on behalf of the Kentucky board, he negotiated and signed a memorandum of understanding with the Japan PE/FE Examiners Council to facilitate licensure of Japanese engineers in Kentucky.

While serving the Kentucky board, Cox has been actively involved in the work of NCEES. His efforts include serving seven terms on the Committee on Finances, including two as chair. He has also served two terms each on the Licensure Qualifications Oversight Group and the Advisory Committee on Council Activities and was a member of the Credentials Evaluation Advisory Group.

His contributions to the Southern Zone include serving as spokesperson for the Member Board Administrators Networking Group and assisting with preparations for the 2007 Southern Zone interim meeting in Lexington and the 2009 NCEES annual meeting in Louisville.

A strong supporter of advancing licensure for engineers and surveyors, Cox has made many presentations on licensure and related issues to student groups and professional organizations.
Bell Engineering is commemorating the 100th anniversary of Howard K. Bell Consulting Engineers, Inc., which was founded in 1914 in Lexington, Kentucky.

After graduating from the University of Kentucky with a degree in Engineering and serving as the Chief Engineer and General Manager of the Lexington Water Company, Howard K. Bell founded the firm as one of the first consulting engineering firms in the state of Kentucky. With a vision to provide professional engineering services to city, county, state and federal governments, Mr. Bell quickly earned a reputation as a pioneer in the field providing solutions-based, original engineering applications. Leading the company that bore his name until his death in 1939, Mr. Bell set the tone for the employee-owned, client focused environment we still operate on today.

“One of the many great things about Bell Engineering is the unwavering focus on our mission and a dedication to the principles our founder knew were critical to our success,” says Bell Engineering President Kelly Gillespie. “We have focused on and been dedicated to the Commonwealth of Kentucky and chosen to remain locally owned and operated.”

Success in today’s market and having the longevity required to reach a century in operation have not been easy. The firm has overcome world changing events which had significant impacts on the industry. However, through adversity came innovation; whether it was utilizing an early design/build concept to survive the Great Depression or suspending official operations to participate in wartime activities throughout World War II. Perhaps no greater challenge has been faced than that of The Great Recession still affecting our economy today.

“At a time when many drew back and minimized staff in an effort to conserve, we viewed the Recession as an opportunity. We chose to capitalize on the talent available and were able to add several key staff members,” Mr. Gillespie explained. “By putting forth the extra effort and changing our approach to business management, we were able to diversify our staff and expand our client base.” This approach, along with continuing to engage an energetic staff, led to one of the most successful years in company history. According to Mr. Gillespie, “The firm is poised to come through the Recession and launch into an even more successful 100th year.”

The Bell Engineering Centennial commemoration took place throughout 2014, during which time the company hosted numerous events for employees and clients in order to thank them for their loyalty and support.
November 12
Paducah Seminar Day - WKCTC Room 101, Paducah
PDHs Possible: 8

November 18 - 21
InRoads I - Kentucky Engineering Center, Frankfort
PDHs Possible: 32

December 4
Winter Dendrology & Native Tree Identification - Bernheim Arboretum & Research Forest, Clermont, Kentucky
PDHs Possible: 4

December 9-11
InRoads II - Kentucky Engineering Center, Frankfort
PDHs Possible: 20

December 10
KRS 322 Code of Conduct & Expert Witness - Clarion Hotel, Lexington, Kentucky
PDHs Possible: 8

December 10
Lexington Seminar Day - Soft Skills - Clarion Hotel, Lexington, Kentucky
PDHs Possible: 8

January 6-9
Applying InRoads (V8i) III - Kentucky Engineering Center, Frankfort
PDHs Possible: 24

February 3-6
MicroStation I for Civil Professionals - Kentucky Engineering Center, Frankfort
PDHs Possible: 32

April 8-10
2015 KSPE Annual Convention - Northern Kentucky Convention Center, Newport
PDHs Possible: 15

Be sure to check the calendar online at http://www.kyengcenter.org!
Bill Seymour, P.E., in HDR’s Louisville office, currently serves as Vice President of the Southern District Institute of Transportation Engineers (SDITE). He will assume the presidency of the organization in 2015. SDITE includes nine states in the southeast and has over 1700 members. It is one of ten districts within International ITE. Seymour led the SDITE Strategic Planning Committee for three years prior to becoming an officer.

Bill is currently refining his emphasis areas for 2015, gathering input from a cross section of members. He would like to see how SDITE can become more of a leader in our communities; more of a servant; more of a provider; and more of an attractor. A major factor in accomplishing this will be involving and partnering with public sector agencies through SDITE’s Leadership Development Program.

Bill had a career of over 30 years with the Kentucky Transportation Cabinet (KYTC) prior to entering the private sector. At KYTC he served as Assistant to the Secretary, where he led the Quality Management Initiative and the update of the Cabinet’s strategic plan. He also served as Chief District Engineer in the Louisville Highway District. He has been with HDR since 2009 and currently serves as a Senior Transportation Engineer.
For the last 19 years, the Kentucky Engineering Center has hosted the Kentucky Engineers’ Golf Classic as an event to bring engineers together for a fun day of golf and networking. This year was no different. We ordered the weather ahead of time and it was absolutely perfect.

This year’s Golf Classic was held, again, at the University Club of Kentucky in Lexington on September 24th. We had 132 golfers show up for their noon shotgun start. Much sponsorship was provided this year from various companies. The Golf Classic committee and staff at the Engineering Center would like to thank Advanced Drainage Systems, BB&T Insurance Services and Plantmix Asphalt Industry of Kentucky for sponsoring the giveaway this year! A big thanks to Eddie Mesta, Cole Mitcham and the rest of the Golf Classic Committee for another great year! We appreciate all that you do to make this such a successful event for everyone.

Congratulations to the first place team from EA Partners that included Tom Hatfield, Darin Hensley, Aaron Wathen, and Rob Young. The eighth place finish went to the team from Plantmix Asphalt Industry of Kentucky with team members Brian Wood, Nick Rodgers, Matt Bullock and Royce Meredith. Sixteenth place went to the Lynn Imaging team comprised of Mike Roberts, Justin Carter, Tom Hurtz and Glenn Norvell. Congratulations to the 24th place team from Jacobi Toombs and Lanz that included Mark Lacy, Horace Harrod, Steve Cummings and Kevin Gibson. Great job everyone!

We hope everyone had a wonderful time at the Golf Classic this year and we hope to see you again next year!
THANKS TO ALL THOSE WHO MADE THIS YEAR’S GOLF CLASSIC POSSIBLE!

Administrative Services Group
Advanced Drainage Systems
BB&T Insurance Service
BL Anderson
Black & Veatch
CAD Productivity Incorporated
Construction Machinery Company
EA Partners
GPD Group
Gresham, Smith & Partners
GRW Engineers
HW Lochner
Hall Contracting
Harrod & Associates
Hazen & Sawyer
HDR Engineering
Heritage Engineering
Integrated Engineering
Jacobi, Toombs & Lanz
Kentucky American Water
Lynn Imaging
MAC Construction
Mason & Hanger
Plantmix Asphalt Industry of Kentucky
Parsons Brinckerhoff
Qk4
S&ME
Sherman Dixie
Southern Sales
Staggs & Fisher
Stantec Consulting Services Inc
Strand Associates
Tetra Tech
Thelen Associates
UK College of Engineering
URS Corporation
Whayne Supply

The Kentucky MATHCOUNTS season is gearing up to start here soon. If you don’t know much about MATHCOUNTS, here’s a little bit of information.

WHAT IS MATHCOUNTS AND WHY SHOULD I SUPPORT IT?
Founded in 1983, MATHCOUNTS is a national enrichment program that helps students who love math, and students who fear math. Through the use of lively and challenging math competitions, Mathletes gain leadership skills, problem solving techniques and a general understanding for solving problems in real world situations. Mathletes compete in individual and team competitions, teaching students to utilize the real life skills necessary to work in a team setting as well as how to solve difficult problems on their own. The MATHCOUNTS program enhances our current education model by providing these business related leadership skills during the middle school years, or 6th through 8th grades. In short, MATHCOUNTS is preparing the future leaders of your organization. As the first program of its kind, MATHCOUNTS has the experience and a proven track record ensuring that the system is successful. Mathletes are extremely enthusiastic about the competitions and encouraged by the results that they obtain, and as business leaders we are encouraged by the results we see.

MATHCOUNTS MISSION STATEMENT
The mission of MATHCOUNTS is to increase enthusiasm for and enhance achievement in middle school mathematics throughout the United States.

IMPORTANT 2015 DATES
This year the competitions will be held on:

Chapter Competitions (located around the state with each KSPE Chapter) - February 14, 2015
State Competition (Ramada Plaza Hotel, Louisville) - March 20-21, 2015

INTERESTED IN DONATING/VOLUNTEERING?
You can fill out the donation form on page 22 of this publication and send it in to the Kentucky Engineering Center OR donate online at www.kyengcenter.org. If you want to volunteer at the competitions, contact Marcie at marcie@kyengcenter.org.
SAYING GOODBYE

William T. Montgomery, PE, PLS
Maysville

William Turner “Bill” Montgomery, 79, of Maysville passed away unexpectedly on Wednesday, October 22, 2014 at St. Joseph Hospital in Lexington, Kentucky. He was born November 7, 1934, in Greensburg, KY, to the late Milton Fred and Georgia Ellen Turner Montgomery. Bill graduated from Greensburg High School in 1952 and graduated from University of Kentucky with a Bachelor of Science degree in Civil Engineering in 1957. He served six months of active duty and seven and a half years of reserves in the US Army. Bill had a long and distinguished career as a Civil Engineer. Among his many accomplishments include the design of sections of New Circle Road in Lexington, a section of the Bluegrass Parkway and the Mountain Parkway. He was the President and Co-owner of Maysville Survey and Engineering until his retirement in 1999. Bill enjoyed fishing, golf and sports of all types, particularly University of Kentucky sports. In recent years, spending time with his four grandchildren, who he loved dearly, was a priority. He was a forty-eight year member of the First Baptist Church in Maysville where he served as a deacon, a past member and Past-President of the Maysville Rotary Club, an original Mason-Fleming Airport Board member, a member of the Maysville Country Club, a past member and Past-President of the Civitan Club in Lexington, KY and a life member of the American Society of Civil Engineers. Survivors include his best friend and wife of fifty-six years, Betty Clark Montgomery; son Brad, daughter-in-law Kris and grandson Landon; son, Kelly, daughter-in-law, Debbie and grandchildren, Hayley, Turner and Audrey. Funeral services for Bill Montgomery were held at the First Baptist Church in Maysville on Sunday October 26, 2014 with Rev. Tony Liess officiating. Burial followed at the Maysville Cemetery. He family request that memorial contributions be made to Autism Speaks at www.autismspeaks.com or to the First Baptist Church, 318 Market Street, Maysville, KY 41056.

We want to thank you for your sponsorship and want you to know how helpful it is to our MATHCOUNTS program! Please choose your level of support on the left and fill out the remaining form below. You then need to return this information to the address below by January 1, 2015, to receive the full benefit from promotional opportunities describe with each level of sponsorship.

IMPORTANT: Please complete all information so that we may properly recognize your contribution!

Name__________________________________________
Title____________________________________________
Company/Firm_____________________________________
Street Address_____________________________________
PO Box___________________________________________
City_________________________ State________ Zip
Phone_________________________ Fax____________
Email Address_____________________________________

My sponsorship amount is $ ____________________
Check your payment method below.

____ Check enclosed.
Mail Your Pledge (Check here to receive invoice)
KEF Inc - State MATHCOUNTS
Attention: State Finance Chair
160 Democrat Drive
Frankfort, KY 40601

____ Fax your pledge to KEF, Attn: Marcie Fisher at 502.695.0738

____ Donate online by visiting the MATHCOUNTS page on the KEC website
http://www.kyengcenter.org

For more information call: 502.695.5680 or toll free at 800.455.5573
Ernest E. Brown, 79, of Paducah, loving husband, father, grandfather, and uncle, passed away at 6:00 am on August 5, 2014 after an extended illness.

Ernest was born October 19, 1934 in Clarksville, Tennessee to the late William Brady Brown and Lucille Elinor (Moorefield) Brown. He was a 1953 graduate of Augusta Tilghman High School. He attended Paducah Junior College and Murray State University before graduating from the University of Kentucky in 1959 with a B.S. in Civil Engineering. Upon graduation, he served his country in the U.S. Coast and Geodetic Survey, now known as NOAA (National Oceanic and Atmospheric Administration). He received Commission as an officer and advanced to his highest rank of Lieutenant JG in 1961 before resigning to return to Paducah, where he co-owned Four Rivers Construction Company with his father. He worked as a civil engineer for the Kentucky Highway Department and for 30 years at Union Carbide/Martin Marietta before retiring in 1995.

He is a lifetime member of the American Society of Civil Engineers (ASCE) as well as being a Fellow in this society. He is also a lifetime member of the National Society of Professional Engineers (NSPE) and the Kentucky Society of Professional Engineers (KSPE). He was honored as Engineer of the Year for Achievement in Industry by the KSPE in 1983. In his retirement, he kept his professional training current and took pride in the fact that he was still registered as a professional engineer and land surveyor in Kentucky. He was also recognized as a Kentucky Colonel and Duke of Paducah.

Upon retiring from the atomic plant, he served on the board of the Paducah Housing Authority for 5 years. Before resigning from this board, he had the Ernest Brown Center for Elder & Resident Services in Pierce Lackey Court named and dedicated in his honor. He was a devoted and loyal athletic booster and supporter of Paducah Tilghman High School for the past 40 years and was inducted into the Paducah Tilghman Hall of Fame. He was also an avid bass fisherman and long time member of Triangle Hunting and Fishing Club. He was an officer in the local chapters of both MathCounts and the Republican National Committee. He was a University of Kentucky basketball and football season ticket holder for many years and was able to enjoy the 2014 SEC Men’s Basketball tournament in Atlanta during his battle with cancer.

He was a lifetime member of the University of Kentucky Alumni Club for over 40 years. He was a member of St. Paul Lutheran Church in Paducah for many years and more recently was a member of St. Paul Lutheran in Metropolis, IL. He was particularly fond of talking with and about his grandchildren, who were his pride and joy, as well as his beloved golden retriever, Arby.

He is survived by his wife of 51 years, Barbara (Kauth) Brown; his son, Evan (Karen) Brown, his daughter Claire (Brian) Elder, and two grandchildren, Eli and Abigail “Abby” Brown, all of Paducah; two sisters, Ellen (James) Glasgow of Frankfort, KY, and Belinda Hurt of Dalton, GA; a brother, James “Jay” Brown of West Palm Beach, FL; fifteen nieces and nephews, and several great-nieces and great-nephews.

Preceding him in death were one sister, Cecilia Hromyak of Frankfort, KY, and his parents.

Funeral services were held on Saturday, August 9, 2014 at Milner & Orr Funeral Home in Paducah with Rev. Preston Foster officiating. Burial followed at Mt. Kenton Cemetery.

The family would like to especially thank the staff at Purchase Cancer, and the guardian angels from the nursing staffs of Professional Case Management and Lourdes Hospice for their care.

Contributions may be made in his honor to the American Cancer Society, Lourdes Hospice, or to the athletic programs at Paducah Tilghman High School.
2015 KSPE ANNUAL CONVENTION

WHERE
NORTHERN KENTUCKY CONVENTION CENTER
COVINGTON, KENTUCKY

WHEN
APRIL 8-10, 2015

MARK YOUR CALENDARS!!