On June 1, Lawson Professor of Civil Engineering Dr. Kamyar C. Mahboub assumed the title of Associate Dean for Outreach and External Partnerships in the University of Kentucky College of Engineering. In this position, Dr. Mahboub will oversee the college’s partnerships with international and commonwealth institutions, outreach activities sponsored by the college and distance learning programs.

Dr. Mahboub has taught in the UK College of Engineering since 1988, specializing in construction materials engineering, pavement design and transportation engineering. He is a Fellow of the American Society of Civil Engineers, a member of KSPE and a licensed professional engineer in the state of Kentucky.

Contact Dr. Mahboub
Phone: 859-257-4279
Email: kc.mahboub@uky.edu
CONTENTS
SUMMER 2013 | Volume 50

From the President’s Desk...............4
KSPE President Angela Akridge provides insight on what has happened so far and what is to come for KSPE this year.

The Board Report.........................6
B. David Cox, Executive Director of the Kentucky Board of Licensure for Engineers and Land Surveyors shares what’s been going on with the Board.

2013 Professional Development Opportunities.........................11
See what professional development opportunities we have scheduled for YOU to take advantage of for the rest of the year!

Executive Director’s Report.........12
Derek Guthrie, new executive director of KSPE/ACEC-KY/KEF, talks about what he’s learned thus far, his thoughts on membership and more.

A Take on Technology: The Association’s Perspective.......................18

David A. Zegeer National Mining Hall of Fame and Museum Inductee.................................21

Highway Safety and Professional Involvement Earn Recognition for Young Engineer.......................22
D. Scott Wolf, PE, earns recognition as the 2013 NSPE Young Engineer of the Year!

THANK YOU!!!

Special thanks to George M. Binder for all his hard work and dedication over his twenty years as Executive Director here at the Kentucky Engineering Center! We hope you enjoy your retirement!

Leadership P.E.

Congratulations to those selected for the 16th Class of Leadership PE!

A. Scott Brown, PE
Shanaka Ewing, PE
Monica Greenwell, PE
Rick Kelly, PE
Samuel King, PE
Clifford Latta, PE
William Mattingly, PE
F. Michael Mayer, PE
Jared McCammon, PE
Ashley McLain, PE
Matthew Petaja, PE
Bethany Shain, PE
Jason Stith, Ph.D, PE, SE
Joseph Thomas, PE
Michael Vickers, PE
Joseph Watson, PE

SUMMER 2013
A little over 20 years ago I began my engineering career as a coop student from the University of Louisville Speed Scientific School. My first coop was for the Louisville and Jefferson County Metropolitan Sewer District. It must have been a perfect fit as I am to this day employed by the same organization! It’s also a bit surreal, looking back to my beginnings and seeing how far I’ve grown as a person and a leader, to be able to serve you as President this year. It is truly an honor for me.

Right around the time I was beginning my engineering career, KSPE was searching for a new Executive Director with the hopes of finding the right person to lead the organization out of the turmoil that had surrounded it for several years. They were looking for stability and consistency for years to come. The person chosen to fulfill this role was our own George Binder.

Search For The Next Executive Director
We’ve been so blessed, and so spoiled, to have had 20 years of seamless leadership from George. It’s becoming less common to see that long tenure at any one place. My first reaction to George’s retirement was shock – and my comment to him was “I didn’t agree to be President with the knowledge that you wouldn’t be here to help me!” George in his calm, reassuring manner said “You’ll be fine – I’m not running out the door as fast as I can. But, it’s time for me to move on to the next phase of my life.”

We see this more and more in our work places. We always know these days will come – we’re just never mentally or emotionally prepared to accept it. And like these events in our workplaces, we must simply have a plan and move forward.

A plan was developed and the selection committee was formed to find the next Executive Director for our organization. George left GINORMOUS shoes to fill! More than 100 individuals applied. After thorough review and a few incredible interviews, Derek R Guthrie, PE, was chosen to lead through the next leg of the journey. The bar has been set pretty high, but I’m confident Mr. Guthrie is up to the job!

NSPE Annual Meeting and Leadership Training 2013
The next order of business was to attend the NSPE Annual Meeting. I had attended once before in 2006 to accept the award for National Young Engineer of the Year. In that somewhat “younger” state, I was not very impressed with the convention format, particularly the lack of focus given to engagement of the average member, not to mention the “younger” members.

I must tell you that I did see signs of a change at the national level. Is it where it should be yet? No. Is it on the right track? Absolutely! I was encouraged by several things I saw. The national President took leadership to the next level, during the same type of turmoil that plagued KSPE some 20 years ago, by leading the Board of Directors through a strategic process named “The Race for Relevance” to transform the organization from the inside out with the whole focus of providing value to the members. I was further impressed by the vision of the new NSPE Executive Director Mark Golden. The organization is in good hands and on the road of providing relevance to the engineering community it is designed to serve.

Leadership Conference 2013
It’s KSPE custom to celebrate end of summer by bringing together past and present leadership across the state for a summit. The goal is simple: get to know the current leadership, pass down wisdom from the past leadership, and chart the journey for the coming business year. I’d like to personally thank everyone that gave up their personal time and work time to participate this year. We had some fabulous and energizing conversations. Derek challenged us to identify opportunities for enhancing both KSPE’s and our engineering profession’s sustainability over the years ahead. A few focused areas emerged as follows:
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What Lies Ahead

George challenged the Board in April to continue “business as usual” and that’s exactly what we’re doing, only with slight modification of bringing one of our own back into permanent leadership. Stay tuned for updates on the focus areas above. Its going to be an exciting year!

In closing, let me again offer my thanks to George once more for 20 years of service. He will be deeply missed! And to you, the members of KSPE, thank you for allowing me to serve YOU and YOUR organization as President over the coming year.

Angie L. Akridge
Engineering and Surveying Exams

The results of the April 2013 exams are below. The second percentage shown in each line below is the national average.

Fundamentals of Engineering:
First Time Takers 214/274 = 78%; 77%
Repeaters 25/46 = 54%; 39%
Total 239/320 = 75%; 70%

Principles & Practice of Engineering:
First Time Takers 55/80 = 69%; 69%
Repeaters 31/47 = 66%; 37%
Total 86/127 = 68%; 56%

Fundamentals of Surveying:
First Time Takers 5/7 = 71%; 67%
Repeaters 2/3 = 67%; 25%
Total 7/10 = 70%; 53%

Principles & Practice of Surveying:
First Time Takers 1/3= 33%; 70%
Repeaters 3/5 = 60%; 42%
Total 4/8 = 50%; 57%

Tax Compliance

During the 2012 session, the Kentucky General Assembly passed a bill creating KRS 131.1817 which requires all licensing agencies to provide information on licensees and permit holders to the Kentucky Department of Revenue (DOR) for the purpose of tax compliance. Our board has provided that information at the request of the DOR. If you have questions regarding tax issues, please contact them at http://revenue.ky.gov/.

The statute also allows the DOR to initiate action against a delinquent taxpayer’s state license (including a PE or PLS license). This may include revocation or denial of a license renewal until the delinquency is cured. The DOR is currently working out the logistics with the various state licensing boards.

Regulation Changes

The Board has amended three different regulations:

1) 201 KAR 18:040 – amended the regulation regarding reimbursement of exam fees. Currently, we can reimburse students for the full cost of the FE or FS exam if passed while still in school. Because of budget reductions, sweeping of funds and upcoming national exam fee increases, we can no longer afford to reimburse. We attempted to develop language to allow us to reimburse up to the full amount; so we could reimburse varying smaller amounts as the budget would allow. However, the language was deemed unacceptable under the regulation drafting requirements so we amended to remove the reimbursement entirely.

2) 201 KAR 18:072 – amended the experience regulation to allow us to grant up to three months of pre-graduation experience credit for applicants called to active duty while still in school; if they perform engineering services while on active duty. Currently, they can earn such credit but only if it occurs after graduation.

3) 201 KAR 18:142 – amended the code of conduct to prohibit licensees from directly or indirectly contacting Board members about current or ongoing investigations and directing that such contacts be made to Board staff. Board members serve as the “jury” in all proposed disciplinary actions and can only judge based on the official record. Such contacts can create conflicts of interest and require contacted Board members to recuse themselves from those cases.

Calendar of Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 16</td>
<td>Board Meeting</td>
<td>Frankfort KY</td>
</tr>
<tr>
<td>August 22-25</td>
<td>NCEES Annual Meeting</td>
<td>San Antonio TX</td>
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<tr>
<td>October 11</td>
<td>Board Meeting</td>
<td>Frankfort KY</td>
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<tr>
<td>October 25</td>
<td>PE, PS Exams</td>
<td>Louisville KY</td>
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<tr>
<td>October 26</td>
<td>FE, FS Exams</td>
<td>Louisville KY</td>
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ENFORCEMENT ACTIONS SUMMARY

For The Period

STEPHEN P. MASLAN, PE

In 2009, the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects disciplined the professional engineering license of Stephen P. Maslan, PE of Kansas City, Missouri. In July 2011, in settlement of a reciprocal action, Mr. Maslan
entered into a Consent Decree with the Kentucky Board of licensure. Among other things, that agreement placed Mr. Maslan's Kentucky license on probation until such time as he satisfies the terms of probation of his license in Missouri. In June 2013, the Board learned that Mr. Maslan had violated the terms of his Missouri probation and that as a result, the Missouri Board revoked Mr. Maslan's Missouri engineering license. In accordance with the terms of the Consent Decree and after being notified of the default, Mr. Maslan's Kentucky professional engineer's license was suspended. The suspension became effective June 25, 2013.

GREGORY B. POOLE
In 2010, the Board of Licensure received information that Gregory B. Poole, of Elijay Georgia, had engaged in the unlicensed practice of professional engineering in Kentucky. An investigation confirmed that Mr. Poole signed a report of a blasting damage investigation regarding a house in Louisville. The report included an opinion as to the cause of some alleged damage to the home. Mr. Poole had signed the report as “Gregory B. Poole, PE” Mr. Poole is licensed as a professional engineer in one or more other states, but he is not licensed in Kentucky. Board staff contacted Mr. Poole and informed him that his actions constitute the unlicensed practice of engineering, in violation of KRS 322.020. The matter was settled with an Agreed Injunction in which Mr. Poole is enjoined from further practice of professional engineering in Kentucky unless and until he is licensed as a professional engineer by the Kentucky Board. 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 July 1, 2013.

SETH TUSKA
In May 2013, the Board of Licensure received information that Seth Tuska, a former licensee, had engaged in the unlicensed practice of professional engineering. An investigation confirmed that Mr. Tuska had inspected a building in Lexington and issued a letter in which he expressed an opinion as to the structural adequacy of some repairs which had been made to that building. Although Mr. Tuska signed the letter as “Seth D. Tuska, KY PE Retired”, it was determined that Mr. Tuska’s actions meet the definition of “professional engineering” as set forth in KRS 322.010 Section 4, and therefore constituted the unlicensed practice of engineering. The matter was settled with an Agreed Injunction in which Mr. Tuska is enjoined from further practice of professional engineering in Kentucky unless and until his license is reinstated by the Board. 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 July 2, 2013.

KEITH E. RHINEHARDT, PE
Mr. Keith E. Rhinehardt, PE of Charlotte, NC, was disciplined for failing to respond to a CPD audit within 30 days, in violation of 201 KAR 18:196. The case was settled by a Consent Decree wherein Mr. Rhinehardt acknowledged the violation, and agreed to the following sanctions: (1) an administrative penalty of $1000, (2) Mr. Rhinehardt will make up a deficiency in his CPD credits for the 2010 / 2011 reporting period within 30 days, (3) an automatic audit of Mr. Rhinehardt's CPD credits for 2012 and 2013. The Board accepted the Consent Decree on July 19, 2013.

ROBERT R. MOSES, PLS
Mr. Robert R. Moses, PLS of Williamsburg, was disciplined for violating the Code of Professional Practice and Conduct, 201 KAR 18:142 Section 2. The case was settled by a Consent Decree wherein Mr. Moses acknowledged the violation, and agreed to following: (1) a Letter of Reprimand, (2) Mr. Moses agreed to utilize written contracts for future surveys and that the contract, at a minimum, would address Scope of Work, Fee Arrangement, Project Schedule, Billing Schedule, and a Specific Disclosure of...
number of persons to be employed in his field crew, (3) Mr. Moses specifically agreed that should he use a non-robotic total station on any future surveying project, he would not use that equipment with less than a two person crew. The Board accepted the Consent Decree on July 19, 2013.

JOHNATHAN C. POWELL, PE
In April 2013, the Alabama Board of Licensure for Professional Engineers and Land Surveyors disciplined the professional engineering license of Johnathan C. Powell, PE of Huntsville, Alabama. The Alabama Board placed Mr. Powell’s license on probation for a period of two years. After reviewing the Alabama action, the Kentucky Board of Licensure determined that a reciprocal disciplinary action was warranted pursuant to KRS 322.180 Section 11. The matter was resolved through a Consent Decree wherein Mr. Powell agreed to have his Kentucky engineering license placed on probation for the same period as his Alabama probation. The Board accepted the Consent Decree on July 19, 2013.

ROBERT TERRY SEMONES, PE, PLS
Mr. Robert Terry Semones, PE, PLS of Frankfort, was disciplined for violating the Surveying Standards of Practice, 201 KAR 18:150 and the Business Entity Permitting law, KRS 322.060; and for aiding and abetting unlicensed practice in violation of KRS 322.180 Section 5. The case was settled by a Consent Decree wherein Mr. Semones acknowledged the violations, and agreed to the following sanctions: (1) Suspension of Mr. Semones’ surveying license for 30 days, (2) An administrative penalty of $1000, (3) Mr. Semones must attend a seminar on the Surveying Standards of Practice, (4) Mr. Semones must complete a Texas Tech University online course in professional ethics, (5) Mr. Semones must sever his business relationship with Kricket Smith-Gary, and (6) Probation of Mr. Semones’ surveying license for two years with quarterly review of his surveying projects. The Board accepted the Consent Decree on July 19, 2013.

DONALD ALLEN DABNEY, PLS
Mr. Donald Allen Dabney, PLS of Campbellsville, was disciplined for violating the Continuing Professional Development regulations, 201 KAR 18:192, and for operating Dabney Engineering and Land Surveying on a lapsed Business Entity Permit, in violation of KRS 322.060. The case was settled by a Consent Decree wherein Mr. Dabney acknowledged the violations, and agreed to the following: (1) An administrative penalty of $1000, and (2) An automatic audit of Mr. Dabney’s CPD credits for 2013 and 2014. The Board accepted the Consent Decree on July 19, 2013.

PAUL D. TRAVIS, PE, PLS
Mr. Paul D. Travis, PE, PLS of Richmond, was disciplined for engaging in a pattern of violations of the Surveying Standards of Practice, 201 KAR 18:150. The case was settled by a Consent Decree wherein Mr. Travis acknowledged the violations, and agreed to the following: (1) Mr. Travis will receive a Letter of Reprimand, (2) Mr. Travis must attend a seminar on the Surveying Standards of Practice, (3) Probation of Mr. Travis’ surveying license for two years with quarterly review of his surveying projects. The Board accepted the Consent Decree on July 19, 2013.

JOSEPH B. MYLOR, PLS
Mr. Joseph B. Mylor, PLS of Warsaw, was disciplined for engaging in a pattern of violations of the Surveying Standards of Practice, 201 KAR 18:150. The case was settled by a Consent Decree wherein Mr. Mylor acknowledged the violations, and agreed to the following: (1) Mr. Mylor will receive a Letter of Reprimand, (2) An administrative penalty of $1000, (3) Mr. Mylor must attend a seminar on the Surveying Standards of Practice, (4) Probation of Mr. Mylor’s surveying license for two years with quarterly review of his surveying projects. The Board accepted the Consent Decree on July 19, 2013.

WILLIAM BAYARD HARRIS III, PE
On June 13, 2013, during the online license renewal process, Mr. William Bayard Harris III, PE of Braselton, GA disclosed that he had recently been convicted of a Felony. A Board investigation confirmed that in January 2012, pursuant to a plea agreement in the Superior Court of Gwinnette County, Georgia, Mr. Harris was pronounced guilty of the following felony offenses: (1) one count of Child Molestation (O.C.G.A. 16-6-4(a), and (2) two counts of Sexual Exploitation of Children (O.C.G.A. 16-12-100). The Board subsequently contacted Mr. Harris and informed him of the Board’s intent to file charges pursuant to KRS 322.180 Section 7, seeking revocation of his engineering license. Mr. Harris chose to forego the hearing process and instead elected to voluntarily surrender his Kentucky engineering license. The surrender was accomplished through a Consent Decree, which the Board accepted on July 19, 2013.
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President Elect
Michael Harris, PE

Treasurer
Lee Czor, PE

Secretary
M. Chad LaRue, PE

Past President
Eddie Mesta, PE

National Delegate
Charles Anderson, PE

Bluegrass Region Vice President
William Bowie, PE, PLS

Central Region Vice President
Justin Verst, PE

Eastern Region Vice President
Michael R. Jones, PE

Louisville Region Vice President
Kelly Meyer, PE, PLS

Western Region Vice President
Clint Harbison, PE

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Ashland - Michael Enders, PE
Big Sandy - Ashlie Childers, EIT
Bluegrass - Abbie Jones, PE
Capital - Vaughn Williams, PE
Cumberland Falls - None
Green River - David Topolenski, PE
Kentucky Lake - None
Kentucky River - Chuck Mullins, PE
Louisville - Wes Sydnor, PE
Mammoth Cave - Joe Plunk, PE
My Old Kentucky Home - Henry Greenwell, PE, PLS
Northern Kentucky - Jeff Shuchter, PE
Pine Mountain - Michael Jones, PE

State Directors
Ashland - Richard Howerton, PE, PLS
Big Sandy - Philip Elswick, PE
Bluegrass - Doug Burton, PE
Capital - Brad Eldridge, PE
Cumberland Falls - Robert Zik, PE, PLS
Green River - Tony Huff, PE
Kentucky Lake - none
Kentucky River - Danny Maggard, PE, PLS
Louisville - Kristen Crompton, PE
Mammoth Cave - Matt Rogers, PE
My Old Kentucky Home - Robert Bush, PE
Northern Kentucky - Mike Willenbrink, PE
Pine Mountain - Michael Jones, PE

Kentucky Engineering Center

STAFF
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Marcie Fisher, Deputy Director
Nancy Parker, Administrative Assistant
Jennifer Gatewood, IT Coordinator

Kentucky Society of Professional Engineers
160 Democrat Drive | Frankfort, KY 40601

Phone 502.695.5680 Toll Free 800.455.5573
Fax: 502.695.0738
Email: kspe@kyengcenter.org

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

September 2013

September 17
Somerset - One Day Fall Seminar - Rural Development Center

September 24 - 27
Highway Capacity Analysis Using HCM 2010 and HCS 2010
- Kentucky Engineering Center

October 2013

October 1
Bowling Green - One Day Fall Seminar - Holiday Inn University Plaza

October 8 - 11
InRoads I (Applying InRoads) - Kentucky Engineering Center

October 15
Prestonsburg - One Day Fall Seminar - Jenny Wiley State Park

November 2013

November 5 - 8
Applying InRoads II - Kentucky Engineering Center

November 12
Mechanical/Electrical Seminar - Holiday Inn Hurstbourne

November 19
Paducah - One Day Fall Seminar - Julian Carroll Convention Center

December 2013

December 3 - 6
Applying InRoads (V8i) III - Kentucky Engineering Center

December 12
Fall Dendrology & Native Tree Identification - Bernheim Arboretum & Research Forest

December 17
KRS 322 MTS Code of Conduct & Expert Witness - Clarion Hotel North

December 17
Lexington - One Day Fall Seminar - Clarion Hotel North
Where to begin…
Preparing for this article literally became one of those proverbial life-changing moments – it finally hit home with me that I had made a significant career change. My entire professional career had been spent in the engineering field in some capacity. There was the stint as a green horn at Hazelet & Erdal sitting at a drafting table for eight years (with an interruption of approximately two years as resident engineer on a wastewater plant construction site in Corbin, Kentucky); twenty-two years at the Louisville Metropolitan Sewer District where I quickly learned that managing people was something I was never taught in school and how that overshadowed any technical challenge I had faced; and most recently a very rewarding role with HDR Engineers where I was able to put to test the skills that I had acquired in my previous employment stops.

And now I’m at the helm of three very iconic engineering institutions in our Commonwealth – the Kentucky Society of Professional Engineers, the American Council of Engineering Companies – Kentucky and the Kentucky Engineering Foundation. I have been a member of KSPE since 1984, have been intimately involved with MATHCOUNTS since 1986, and served as President in 2002/2003. It was a foregone conclusion that I knew everything there was to know about KSPE. It didn’t take long to realize that I didn’t, that there was far more going on behind the scenes, of which I only had a vague notion.

How often have we heard it said that we have been blessed to have a dedicated and industry-leading staff at the Kentucky Engineering Center? Count me in that group as having said it. However, I now realize that just maybe I took too many things for granted. George, Marcie, Jennifer and Nancy have served us incredibly well and rest assured, will continue to do so. At your next opportunity, make it a point to tell them how much they are appreciated!

There is one of the group, however, that deserves special mention. George Binder decided he wanted to spend more time cutting grass, hunting and just enjoying life. He announced his intent to retire back in March and since then there have been various testimonials to his tenure as Executive Director. For those of you that attended the Annual Convention in April, you know that the past presidents of KSPE renamed the Past Presidents’ Scholarship Fund to the “George Binder Scholarship Fund” and donated over $20,000 to the new fund in his honor. KSPE recently selected Dylan Ward as the first recipient of this newly named scholarship.

So with this opportunity, I would like to convey my personal appreciation for what George has accomplished. When George was hired twenty years ago, KSPE was in an organizational crisis. Administratively and financially, the organization needed a steady hand to right the ship. George and the staff managed to not only correct the disarray, but have brought KSPE to probably the strongest position in its history.

It was also during this time that George became the sage in engineering association management circles. There is a group within NSPE known as the Society of State Executives Council (SSEC) that is comprised of all the “Georges” across the county. The NSPE membership typically does not attend meetings of this group, so I’m pretty sure that not many of you (if any) have ever witnessed George in this venue. I had the pleasure of attending several of these meetings at the NSPE Annual Convention in Minneapolis in July. The respect that George garnered from the group was definitely genuine. There was no doubt he was the “dean” of the state executives group.

There have been many incredible leaders and a motivated membership that have been a part of KSPE for many years. One only has to look at the collection of past presidents that attended the Annual Convention for a Who’s Who in Kentucky engineering. For me to have the opportunity to continue an active role in this organization with its committed, pace-setting membership doesn’t seem like a job at all. For those of you that have heard me mouth the words “to say I am thrilled to be in this position is an understatement” know the feeling is heart-felt.

Throughout the hiring process for my new position and in discussions with leaders of both organizations, I was encouraged to “maintain, maintain, maintain”. This says a great deal about how well your leaders felt things were being handled, or it was at the very least, a message for me to not screw up a good thing. I’ve taken that to heart and have been spending time learning what it means to provide meaningful association management.

But there are some new initiatives in the offing. I came into this position with a strong desire to plan for the future.
At the top of my list (and at the risk of sounding like Chicken Little), I believe that we are witnessing challenges to volunteer-based organizations, the likes of which we have not seen before. We need to be planning for these challenges. For KSPE, some of these challenges include:

■ **Competition for member’s time.** This is reflected both in member’s personal and business lives. It has been argued that today’s engineer is different than the one of twenty years ago. They treasurer their personal time, whether dedicated to family or to the activities that they enjoy. They are reluctant to allow too many things to encroach on “their” time.

For employers, doing more with less and maintaining utilization rates have an impact on how KSPE and its activities are supported. I believe our employers that have been long-standing supporters continue to believe that KSPE provides valuable opportunities for their employees to grow, network, participate in worthwhile programs such as MATHCOUNTS and gain valuable exposure to the issues that confront engineers. However, time away from the office is becoming more difficult to come by.

■ **Competition for the almighty dollar.** This also is reflected in both the member’s personal and business lives. For members, particularly for those that have to pay their own dues, choices have to be made between multiple technical associations, taking vacation time to participate in KSPE activities and the cost to attend a monthly meeting.

KSPE has always been fortunate to have businesses, government and utilities support the organization by paying for dues, monthly meetings, etc. of its employees. However, tough choices are being made on how and where to invest in their employees, particularly as it relates to professional organizations.

The bottom line is that it is becoming tougher to recruit, retain and engage members in the manner in which we have previously been accustomed. As noted above, I have blamed this partly on the tough economy we have faced since 2008 and the scrutiny on costs that seems to occur at all levels because of it. But I also think it is part of an inevitable evolution that has its roots in the proliferation of technology that allows communications to be instantaneous. A whole generation has been conditioned to emailing, texting and social networking that probably has an unintended consequence of minimizing the value of face to face contact. I know that even I, a baby boomer, have often chosen to take the easier and quicker route of email as opposed to picking up the phone and calling someone, or heaven forbid, taken the time to actually talk to someone in person.

I have been emphasizing the concept that we need to be SUSTAINABLE, a buzz word that is not new, but one that is appropriate for KSPE in planning for its future. I intend to develop a new five-year strategic plan that has as its basis, sustainability. The plan will answer the question, “What do we need to look like in five years in order to be sustainable?” In order to answer that question, we need to first define sustainability. We will be developing this definition as part of the plan development; the plan will likely include:

■ **Recruitment approaches and goals.** My desire in addressing this item is to identify what benefits would be attractive to a new college graduate. To stay on top of the various items that would appeal to this age group will help ensure a pipeline of new members for longer-term stability. To really put this in perspective, think in terms of the individual that just graduated from high school and is starting college this fall. What would compel this individual to want to become a member of KSPE in five years? Although this is not a novel concept, I don’t believe we have viewed this in a high priority context. To get the ball rolling on this, President Angela Akridge and President-Elect Mike Harris have asked Kyle Guthrie to pull together a group of “milennials” and take the blinders off, get radical and help us develop that picture of KSPE in five years that would appeal to new, younger members – all in keeping with a goal of creating a sustainable, successful future for KSPE.

■ **Retaining existing members.** Keeping the membership motivated and engaged takes a lot of effort and KSPE has always seemed to do a great job with this in the past. Moving forward we want to take note of the “what we need to look like in five years” effort in addition to continue to promote the benefits of KSPE membership. I believe this will require us to more fully embrace and employ technology, social networking platforms, etc. - but we will not abandon the importance of face to face opportunities and the camaraderie and relationships that are developed as a result. For those of you that are Leadership PE graduates, could you envision participating in this program simply by webinars or teleconferencing? I expect that technologically speaking, the program could be conducted without ever having to come together, but would it have the same impact as spending eight weekends together? I think not.

I took advantage of the opportunity of the KSPE Leadership Conference that was held in Georgetown, Kentucky on August 1 & 2 to get a head start on the development of the five-year strategic plan. Thirty individuals in KSPE
leadership positions, in addition to several board members from ACEC-KY participated in a two-day effort that focused on four areas for which we wanted the picture of KSPE in five years:

1. Membership  
2. Mentoring  
3. Technology  
4. Chapters/Committees/Programs & Services

These are not the only areas we will address in the strategic plan, but they were four important topics that fit well with the time we had available. The attendees worked in four groups to develop recommendations for each area. For example, the membership group focused on the new graduate and what would attract them to be members. The mentoring group looked at how Leadership PE graduates can be utilized to recruit candidates into the program and also serve as mentors to the newly selected participants. The technology group got the creative juices going by looking at how to establish a virtual presence for: meetings of committees and chapters; training opportunities; and, social networking. Finally, the Chapters/Committees/Programs & Services group recommended that some professional development training be offered via webinar and that MATHCOUNTS become more self-sustaining.

These are but a sampling of the discussions that took place in Georgetown. As Angela Akridge mentions in her article, I also would like to thank those that made the effort to attend the Leadership Conference and helped kick-off an important self-examination of KSPE through the strategic planning process.

Angela also mentioned in her article the NSPE annual meeting held in July. Her perspective is important to note. The up front and personal exposure she has had to NSPE ranged from awful to promising. I would agree with her and I, too, feel very encouraged by the message that is being conveyed to the state societies. I believe this will be very important to KSPE in the upcoming year. Stay tuned for further updates. Also, take a moment to read the NSPE article and message from Mark Golden found elsewhere in this magazine.

On a parting note, I would like to thank all those that were involved in the Executive Director selection process. I know there were many great candidates. Your faith in my ability to lead the organizations only adds to my desire to ensure the continued success of KSPE, ACEC-KY, and the KEF.

Attend your next chapter meeting!!
THE KENTUCKY ENGINEERING CENTER WELCOMES DEREK R. GUTHRIE, P.E.

The Kentucky Engineering Center welcomes Derek R. Guthrie, P.E. as the new Executive Director for the American Council of Engineering Companies of Kentucky, the Kentucky Society of Professional Engineers and the Kentucky Engineering Foundation.

Derek has been a long time member of the Kentucky Society of Professional Engineers. Being a member of the Louisville Chapter, Derek served in all officer positions both locally and at the state level, advancing to KSPE President in 2002. Since joining the Kentucky Society of Professional Engineers, Derek has been heavily involved in one program in particular, MATHCOUNTS, serving at both the Chapter and State levels since 1986, and he will likely continue to serve as Head Proctor at the state competition.

He graduated from the University of Kentucky with a Bachelors of Science in Civil Engineering. Following receipt of his Bachelors degree, Derek went on to work at Hazelet & Erdal Consulting Engineers as a design engineer for eight years. He then moved to Louisville and Jefferson County Metropolitan Sewer District, serving as Chief Engineer and the Director of Engineering and Operations. Prior to coming to the Kentucky Engineering Center, Derek worked at HDR as Vice President for a little under five years.

Outside of the Kentucky Society of Professional Engineers, Derek has also been involved with the American Society of Civil Engineers (ASCE) holding officerships at both the local and state levels, as well as the National Association of Flood and Stormwater Management Agencies (NAFSMA), serving on a national board and as a national officer.

The Engineering Center is very excited to welcome Derek to the staff and believe he is going to be a great addition.

If you’d like to contact Derek, feel free to reach him by email at derek@kyengcenter.org or by phone at the office, 502-695-5680 or on his cell at 502-551-0411.

WELCOME DEREK R. GUTHRIE, P.E.

Samuel James

July 17, 2013 at 11:30 am
6 lbs 15 oz | 20 in long
Lindsay and Scott Walker &
Big Brothers Benjamin (6) and Nathaniel (4)

WELCOME COLTON ELIJAH!

Born on April 16th
8 lbs 14.5 oz
22.5 in long
The Napier Family, Corey and Heather
THE NSPE & KSPE RELATIONSHIP

It is difficult to describe the relationship between NSPE and KSPE over the years. Love/hate? Competitive siblings? Master/servant? Whatever the best analogy, the relationship has been rocky at times. So when we begin to see signs of improvement – when we hear that NSPE really does exist to benefit its members – we need to see what these rumblings are all about.

When NSPE offered the state-only membership option, many of you chose that route – and maybe for good reason. However, it is not the perfect structure under which a national/state/local organization should operate. Should we be revisiting the membership options?

Just as your KSPE has a new Executive Director, so does NSPE. This guy is saying good things. Because there are many of you that no longer receive NSPE materials, I thought it would be important to get a flavor of the “new” direction of NSPE. Below is a recent article from Mark Golden. If you want to learn more about the future of NSPE, feel free to contact us at the Kentucky Engineering Center.

NSPE TODAY: OUTLOOK

The Whole is Greater than the Sum of Its Parts

BY EXECUTIVE DIRECTOR MARK J. GOLDEN

When I took over as NSPE’s executive director in February, I faced the usual immersion course in Society operations, culture, and history that any new staff leader faces when joining an organization: getting to know the people, understanding the problems and opportunities, and seeking to find the best way to apply the skills, knowledge, and talents I have developed in a more than 35-year career assisting voluntary organizations achieve success to the unique needs of NSPE.

Just to keep things interesting, a new CEO is required to simultaneously find a way to engage with impact at a strategic and future-focused level and deal with the day-to-day of management and administration. It is a sometimes overwhelming process. So far (three months and counting, as I write this), I think I have avoided any major operational catastrophes. I have had to drop everything more than once to deal with surprising and disruptive events. And I hope I have achieved some small measure of success simply keeping the trains running and making immediate improvements, wherever possible.

On the strategic front, I have been getting out of the office to experience Society affairs directly and spending a lot of time on the phone, introducing myself, talking, and even more importantly, just listening to national, state, and local leaders. I have also made a study of NSPE’s 79-year history.

The Society and the profession it exists to serve have gone through a lot of ups and downs over that long and impressive history. Much has changed since David Steinman first began efforts to organize the existing but separate groups representing different regions and segments of the engineering profession into a national organization in 1934. But some things have not changed: the commitment to promote licensure and ethical standards, to make the public aware of the value and contribution of professional engineers to society, to help encourage and support students to become engineers, and to cooperate generously with all other organizations (local, state, technical) in furthering these objectives.

I am not naive or in denial of the serious challenges, even the setbacks that NSPE and the profession have faced in recent years. And, as I have observed before in other trade and professional associations, sometimes even the weight of past success can itself create challenges for the future. The underlying importance and principles upon which NSPE is based remain as valid today as they ever were, but the sense of urgency can become dulled over time.

Familiarity can also make it too easy to take for granted the value and benefits routinely delivered through the three tiers of national, state, and local organizational activism. For most of you working as engineers, the conditions these efforts helped create have always been in
place, and the press of more immediate concerns in your professional and personal lives understandably wins your more immediate attention.

And let’s frankly acknowledge that in addition to great accomplishments, mistakes were made. There has been some splintering between the organizations, “professional and otherwise,” that David Steinman talked about working in selfless cooperation back in 1934.

In my conversations over what is needed for the engineering profession today, two schools of thought have emerged. One of them views the world as a zero-sum game: Every organization in the engineering field (national, state, local, technical) needs to stand alone and justify its own existence. That is true, to a point. But implicit in this worldview is the idea that anything one entity achieves must come at the expense of some other organization: We are in competition for member devotion and dollars, asking them to choose either/or….

I view things differently. I value the strength of the word “and” over the word “or.” Each organization certainly must deliver real value to its members, but as I see it, and I think NSPE’s history amply demonstrates, the various levels of organization serve the profession best as a single system of autonomous but interdependent parts.

Rather than a zero-sum game, this worldview starts from an assumption that we can do so much more together than could possibly be achieved collectively by each of us separately. And this isn’t a vision I just made up. Steinman articulated it when he made the argument for a national society of professional engineers in The American Engineer magazine in January 1935, and it is written into the mission statement in the front of this magazine and printed on the back of my business cards.

Noble words and high aspirations, to be sure. And I am very cognizant of the need to make it practical and make it real. You don’t want platitudes…you demand and you deserve results. Accomplishing that will be hard. But that is the job I signed on to help you achieve. And with your good will and cooperation, we can translate the conceptual into practical reality. For, as one statesman commented 155 years ago, a house divided cannot stand.
Nowadays, it is almost impossible to escape the use of technology in any aspect of our lives. At some point during each person’s day, you can expect to see them using a computer or a smart phone. The world has gone completely mobile and the web is oozing with social media interaction. As an association, the Kentucky Society of Professional Engineers is trying to keep up with the changes and take advantage of new technologies.

If you were not aware, KSPE has a Facebook page, as well as a Twitter account. We try to post daily to those social media outlets so that we can get information to you, our members and the engineering community as a whole. They can be looked to for encouragement to get you through your week, with quotes or Happy Mondays, or to find out about events coming up, by posting announcements about newly scheduled seminars or an upcoming conference. We are trying to utilize as many avenues as possible to get you information, outside of email. Looking into professional social media utilization, we are considering the creation of a LinkedIn group to try and keep you up-to-date with everything KSPE as well. All of these technologies are outstanding forms for sharing information, but what about having an online social community of your very own?

As an association, KSPE has utilized many different software systems over the years trying to make sure we do our best to serve you. In our current system, you have the ability to sign up for classes, seminars, conferences, and golf outings. You are able to renew your membership online, and you have the ability to pay with a credit card through the system. When you sign in, you have a profile; you are able to edit that profile in the event that you have an address change, or a phone number change. The system is what we use to keep up with our members. It tells us how long you’ve been a member, if you have or have not paid an invoice, if you’re signed up for a class, if it’s time for you to renew. Our system also allows us to be in control of our website, its information and its updates. We send out email announcements out of that system to get you information about seminars, officer nominations, legislation, and much more! Without it, it would be much more difficult, if even possible, to get you information and to keep up with your membership.

Due to its immense importance, both to us and to you, we are now in the process of updating our system. At this point in time, we are working to migrate all of our website information, but within just a few short weeks, the member data will be moving as well. This new system has many new features, some that we are not even sure exactly how they are going to function, but we know that our members will benefit from having those available to them. There will be that online social community that will be solely comprised of KSPE and ACEC-KY members. It will be your domain to work with your fellow members about anything KSPE, ACEC-KY, or engineering related.

We will have forums where you will have the ability to have discussions about different engineering aspects or different programs that KSPE provides to the community. The committees will have areas where they can communicate, have forums, have blogs and collaborate. The opportunity for growth that this new system provides is outstanding and something that we won’t be able to see until it is in full function, with our members in the system interacting with each other and staff.

Not only does the new system provide a lot of new opportunities in collaboration, old functionality will still be there and have some new shiny buttons. You will still have the ability to sign up for seminars – and you will also have the opportunity to better track your continuing education hours. It also allows us the opportunity, in the seminar world, to consider the utilization of webinars at some point, and for you, to be able to purchase that webinar online and receive a certificate electronically once you have completed the webinar. You will still have the ability to edit your profile, updating your contact information and adding a picture to your profile, but you have many more opportunities to actually work and collaborate inside of the system with your fellow members.

For the community to function to its utmost potential, we need you to utilize it. We need our members to...
collaborate with one another, to share information, post to the forums, and have discussions within the system. Videos will be created to help you get through your first visits to the new system and show you the basics of getting around in the community.

As always, if you have any questions once this new technology is implemented, just ask. We are here to help and to make your membership as worthwhile as possible. If you have any suggestions, once you begin working in the new system, please share them with us. The staff will be learning the system along with you and we want to make sure it is working for you!

We look forward to this new chapter in technology here at the Kentucky Engineering Center, and we hope you are looking forward to it as well. Once we get our site migrated and get the community up and running, we will let you know. Again, we will do our best to provide every tool possible to get you going and comfortable within the new system. There are many new features and it will take some time to get used to, but we hope that it will all pay off in the end and you will enjoy a much more interactive member experience by having this available to you.

Connect with us online!
Like us on Facebook!
http://www.facebook.com/KentuckySocietyofProfessionalEngineers

Follow us on Twitter!
http://twitter.com/kyengineers/

Check out our website:
http://kyengcenter.org!!

SAYING GOODBYE

Ralph C. Pickard, 94 of Mayfield, died at 4:45 p.m. on Monday, June 3, 2013 at Jackson Purchase Medical Center.

He was a retired commissioner for environmental health in Kentucky and Indiana and a civil engineer. He was a member of the Kentucky Society of Professional Engineers.

He was a US Army veteran of World War 2. He was a University of Kentucky 1942 graduate from the College of Engineering and a 1947 graduate of the University of Michigan with a masters in public health.

Mr. Pickard was survived by his wife, Barbara J. Pickard; one son, Ralph C. (Amy Bugg) Pickard, Jr. of Mayfield; one daughter, Pamela (Michael) Malast of Paducah; four grandchildren.

He made a great impact on many of his fellow engineers and he will be dearly missed.
The Board of Water Works has named Jim Brammell as president and CEO of Louisville Water. The Board unanimously approved Brammell’s selection at a special called meeting on Thursday. Brammell will succeed Greg Heitzman who left Louisville Water in May to become the Executive Director at Louisville MSD and had served as interim president and CEO of Louisville Water since then.

Since 2007, Brammell has served as Vice President of Operations and Chief Engineer at Louisville Water. He came to the company in 1995 after an 11-year career with the U.S. Army Corp of Engineers. He has over 31 years of engineering experience.

“The Board has unwavering confidence in Jim’s ability to lead this organization,” said Marita Willis, Chair of the Board of Water Works. “He understands the significance of Louisville Water to not only the Louisville community and region but the water industry. He will continue the tradition of excellence that is a hallmark of Louisville Water.”

Brammell becomes the 18th president in Louisville Water’s 159-year-history and immediately begins his new role. “I am honored to assume the role as president and CEO and appreciate the confidence the Board has placed in me,” said Brammell. “Working with our employees, my focus will continue to be on producing the best-tasting tap water in America, exceeding regulatory standards. We’ll continue to deliver customers exceptional service and value and look for opportunities to share our abundant resource, the Ohio River, with regional partners.”

Brammell will also lead Louisville Water’s effort to work more closely with Louisville MSD as part of Mayor Greg Fischer’s vision for a “One Water” entity. The due diligence by both Louisville Water and MSD will conclude this fall at which time both boards will make a final recommendation for consolidation of water and sewer services. Brammell has been part of the due diligence process and will continue to work with Heitzman through his role as Executive Director of MSD to identify opportunities for the two organizations to work more closely.

“Jim has deep knowledge of the water company and he will continue the tradition of excellence that is embedded in the culture,” Fischer said. “He also has been a key member of the team examining the One Water concept. That experience is valuable as we look to develop a more coordinated and sustainable future for the water systems in Louisville. I look forward to working with Jim and Greg Heitzman to begin the process of consolidation to create an efficient and effective One Water for all the citizens of Louisville.”

### ABOUT JIM BRAMMELL

Brammell is a member of the American Water Works Association and the National Society of Professional Engineers.

Brammell is a graduate of the University of Kentucky with a Bachelor’s Degree in Civil Engineering. He also holds a Master of Business Administration from the University of Louisville and is licensed as both a professional engineer and land surveyor in Kentucky. Brammell is very active in the community, serving on the Board of Directors for the Kentucky Derby Festival and as Chairman of the Louisville Metro-Animal Services S.P.O.T Board. In addition, Brammell is a member of the UofL School of Public Health and Information Sciences Board, the UofL Center for Infrastructure Research Advisory Board and a member of the Jefferson County Water Management Council for the Kentuckiana Regional Planning and Development Agency.
The National Mining Hall of Fame and Museum (NMHF&M) is pleased to announce the 2013 National Mining Hall of Fame inductees. Representing the domestic and worldwide metal production, education, and health and safety sectors of the industry, this year’s five inductees cover a diverse cross-section of the mining industry.

One of the five inductees is Kentucky’s own David A. Zegeer (1922-2012). “Dave Zegeer dedicated his mining career to protecting the health and safety of miners as a corporate executive, head of the U.S. Mine Safety and Health Administration (MSHA), and community leader. His tenure at MSHA coincided with a period of remarkable progress in U.S. mining safety.”

In three of his years as Assistant Secretary of Labor under President Reagan, mining fatalities in the coal industry and in the metal and non-metal mining industries decreased to historic lows.

Dave Zegeer began his mining career with Consolidation Coal Company in Jenkins, Kentucky in 1946 after graduating from West Virginia University with a BSEM degree and serving two years in the U.S. Army Engineers. When Consolidation’s holdings were sold to Bethlehem Steel in 1956, he became Manager and Division Superintendent responsible for four underground mines and four preparation plants employing 1,400 people. During his 21 year career with Bethlehem, Zegeer introduced the first longwall system in Kentucky, the first shortwall system, the first Lee-Norris continuous miner, and the use of 30-ton mine cars. Under his supervision, the division’s accident rate declined from approximately 12 accidents per million employee hours to less than one. He hired the first women for underground coal mining positions in the U.S. and led efforts to integrate and provide gender and racial diversity in the supervisory and management staffs for the operations he managed.

Upon his retirement in 1977, Dave Zegeer became a highly sought after mining consultant. A recognized expert on mine explosions, he led or participated in efforts to recover survivors of mine explosions or investigations of explosions in numerous states, Nova Scotia, South Africa, and Australia. In 1978, he was one of six mining industry leaders to represent the United States in a “People to People” program visiting mining operations in England, Russia, Germany, and France.

As Assistant Secretary of Labor from 1983 to 1987, he emphasized his personal safety philosophy of the Three E’s – Education, Engineering, and Enforcement. He championed the U.S. Labor Department’s first program dealing specifically with substance abuse in the workplace and encouraged specialized training courses on safety for areas such as mine supervision, coal mine ventilation, and roof falls.

In the area of health care, Dave Zegeer was a Board Member and later two-term Chairman of the Appalachian Regional Hospitals, a 10-member hospital group established by the United Mine Workers of America to serve West Virginia, Kentucky, and Virginia. His numerous industry awards include the Donald S. Kingery Award (1976) from MSHA; the Erskine Ramsey Medal (1976) and the Percy W. Nicholls Award (1986) from AIME; and the Howard N. Eavenson Award (1988) from SME. He was the inaugural inductee into the Kentucky Mining Hall of Fame in 2002.

Dave Zegeer’s heart has always been in his adopted hometown of Jenkins, Kentucky. In 1998, the community named the local museum “The David A. Zegeer Coal and Railroad Museum,” which is a tourist attraction furnished with historical artifacts.
ALEXANDRIA, Va. (July 29, 2013) – D. Scott Wolf, P.E., F.NSPE, was recently named the 2013 Young Engineer of the Year by the National Society of Professional Engineers at its annual meeting in Minneapolis.

Wolf has 15 years combined experience in both the private and government sectors. He currently serves as a safety & geometric design engineer for the Federal Highway Administration’s Resource Center, which provides technology deployment, assistance, and training to both internal and external partners delivering the federal-aid highway program. Scott is based in the Baltimore office but serves as a national expert in the areas of geometric design, freeway and interchange design and evaluation, and highway intersection safety and design.

Prior to this position, he served as consultant services program manager in the FHWA Office of Infrastructure in Washington, D.C., providing technical guidance and direction on federal laws, regulations, policies, and procedures related to the procurement, management, and administration of consultant services. Wolf also served as a transportation engineer with the Kentucky Division Office of the FHWA, responsible for oversight of the design and construction of federal-aid highway projects throughout Kentucky. Prior to joining FHWA, Scott worked for consulting engineering firms as project manager and senior transportation engineer on multiple highway projects throughout Kentucky and Ohio.

Wolf is an active member of the American Society of Civil Engineers and the National Society of Professional Engineers. He is an NSPE Fellow, the incoming chair for the NSPE Professional Engineers in Government interest group, and the incoming Young Engineers Director on the NSPE Board of Directors.

He also serves on various national technical committees including the Transportation Research Board’s Geometric Design Committee and Task Force on Context Sensitive Design/Solutions. Wolf holds a bachelor’s in civil engineering from the University of Kentucky and is a licensed professional engineer and professional land surveyor in Kentucky.

The Young Engineer of the Year Award recognizes young NSPE members who have made outstanding contributions to the engineering profession and their communities during the early years of their careers. Any licensed professional engineer or engineer intern who is an NSPE member in good standing and is 35 years of age or younger as of January 1 is eligible for nomination. The NSPE Honor Awards Committee selects the recipient on the basis of educational and collegiate achievements, professional and technical society activities, civic and humanitarian activities, continuing competence, and engineering achievements.

CONGRATULATIONS SCOTT!
NASHVILLE, Tenn. – Florence & Hutcheson, Inc. (F&H), a large regional engineering services firm acquired in 2010 by Infrastructure Corporation of America (ICA), will now be known as ICA Engineering, Inc.

The name change is the final step in the acquisition of F&H in a strategy by ICA to create a more innovative delivery of engineering, operations, and maintenance services for all transportation infrastructure assets.

“Over the past three years, F&H and ICA have merged services, ideas, and cultures to create an integrated company able to provide complete infrastructure services,” said Butch Eley, CEO of ICA. “Together we form a stronger, more dynamic enterprise that is able to deliver enhanced efficiencies and cost savings to our clients, maximize the value and extend the lifespan of infrastructure assets.”

Infrastructure Corporation of America's maintains public transportation infrastructure, including roadways, bridges, toll ways, rest areas and welcome centers. The addition of F&H’s award-winning engineering services has allowed ICA to take a holistic approach to creating and sustaining infrastructure assets that are vital to the U.S. economy. The broadened expertise allows the company to begin with initial project design, work through the construction phase, and ultimately to develop an operations and maintenance plan that will maximize the life cycle of the infrastructure asset and save taxpayers' money.

ICA Engineering specializes in the complete spectrum of civil engineering and environmental services for the infrastructure of the built environment with an integrated sensitivity to the natural environment. ICA Engineering has offices in Kentucky, Georgia, North Carolina, South Carolina, Alabama, Arkansas, Tennessee, Mississippi, and Florida.

Over the years, F&H developed a solid reputation with federal, state, county and municipal agencies, as well as industrial, commercial and private developers and property owners. The firm is known for combining technical resources and a wide scope of services to implement the most complex and extensive projects with the flexibility to ensure responsive, one-to-one client service and proactive, visionary solutions.

“F&H is known for exceptional and passionate client service; ICA has quickly become known as a market innovator,” said Mark Acuff, President of Engineering Services. “Our clients are excited that the project managers they’ve come to trust and rely on now have additional capabilities to offer that will save them time and money.”

ICA and ICA Engineering employ about 750 people in offices across the Southeast and Midwest.
Join us for an Open House!
in honor of George Binder

October 4th
from 4:30 pm - 6:30 pm

at the Kentucky Engineering Center
160 Democrat Drive
Frankfort, KY   40601