

THE INTERIOR ANGLE



Will you be
"Among the First?"

Kentucky Association of Professional Surveyors
Winter 2016-17, Issue 4



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Letters must be signed and include a daytime telephone number. The name of the letter's author may be withheld if requested. Letters may be edited for clarity and length.

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Size	Per Issue/Per Year
Full Page	\$175/\$600
1/2 Page	\$100/\$350
1/4 Page	\$65/\$225
Business Card	\$50
Business Card (KAPS Member) Classified	\$25
Classified (KAPS Member)	\$40
	\$20

Corporate Members receive a free business card ad in every issue.

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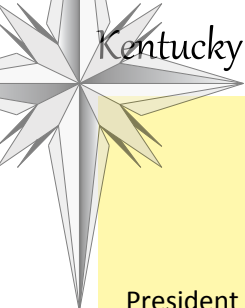
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On the Cover

The new print "Among the First" is available exclusively to Kentucky Surveyors from Prints of Professions, Inc. until March 1, 2017. See page 9 for details - and order yours today!

Jason Graves, PLS

2016 KAPS President

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From the President's Desk

As I sit here writing this, like you our family is still reliving warm memories of the holiday season, where we invited our loved ones and dearest friends into the comfort and warmth of our homes. This is perhaps my favorite time of the year. It is the time of the year where frost covers the ground in the morning, the time of year when we enjoy fires in the fireplace, and the time of the year when it becomes more acceptable to eat desserts.

I want to continue my thanks to the current KAPS board that, as always, is helpful beyond words. It takes every one of them to make this happen and without their dedication who knows where we would be. It takes a certain kind of person to devote their valuable time and it is generally without thanks. So, thank you to all of you!

Fall seminars wrapped up for the most part without a hitch. We had some great seminars and I thank everyone who helped getting them scheduled and put together. While I have not looked at the numbers, I am hopeful that they were positive. If there is ever an idea or concern that you have regarding these educational seminars please talk to your chapter chair, or reach out to KAPS leadership. We are always open to additional help and great ideas.

We are continuing with our planning and scheduling of the 2017 conference, which will take place February 16-18 at the Embassy Suites on Newton Pike in Lexington. I look forward to seeing many of you there and I am very excited about a lot of the classes being offered. It will be tough to choose what I fill my days with. Mr. Gary Kent will be presenting a few courses. For those unaware, Gary has served as president of both ACSM and is on the ALTA committee, which develops standards development. He also contributes articles to *The American Surveyor*.

For the benefit and growth of the profession, we need to do more to garner the attention of the youth. According to the "Board Report" in the latest *Kentucky Engineer* magazine, there were three FS test takers. Of those three, only one of them was a first-time test taker and the other two

were repeat takers, and of the three, only one of them passed. This should be very sobering news to our profession and organization.

If we as an organization and profession are to remain relevant, we need to turn this around and fast! It is my understanding that the number of people retiring from surveying is exceeding the number of people entering the profession. I do not have all the answers to this, but it needs to be approached and dealt with swiftly. I urge you to get involved with KAPS or begin brainstorming to help with this problem. It is my belief that new surveyor recruitment should be our number one focus, because without a community/profession to serve, KAPS won't have a place in the world.

Brian Cox let us know that he has three schools lined up to participate in the Trig-Star contest next year. I understand that scholarship applications are also on the rise. KAPS also had a booth set up at Construction Career Days in September, an event that has over 2,000 students looking to get into the construction field. Tyler Pence and I staffed the KAPS booth to answer questions these students had. So, these public affairs are very positive and exciting!

Lastly, I hope everyone's 2017 is off to a great start! Find time each day to hug your loved ones a little tighter and remind them of how much you care for and love them.

Humbly Yours,

Jason Graves, PLS

2016 KAPS President

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Getting to Know... William Ralph Paris, PLS



The river experience was fine for a young man, but my deadline for taking advantage of the G.I. Bill was approaching and I enrolled at Purdue University's School of Civil Engineering, earning a B.S. in Land Surveying. Having received my Kentucky license before leaving Purdue, I began a private practice immediately in Kentucky. One of my first commissions was working with title attorneys for a large oil exploration firm preparing large areas for deep drilling. This experience made the need for adequate research obvious and the rest of my career has been primarily devoted to retracement and preserving the Land System.

It was natural that I tended toward surveying. My family's interests were outdoors – farming, land, flora, fauna. My circumstances facilitated it.

What sparked your interest in surveying?

When I was in the latter months at Fredonia High School, my father was absorbed in an International Correspondence School course in Surveying. I found the course material interesting. When I returned home after my first semester at Centre College, he had completed the course, entered into the business of surveying and was laying out a subdivision adjoining the recently surveyed reservation for Lake Barkley. I became his rodman, chainman and, in short order, his instrumentman. Since he did all his office work at home and I was living there, he shared with me whatever knowledge he thought I needed to be effective in the field and office. I spent the college summers and vacations doing the same, until the day before Kennedy was shot, when I left for training in the Navy Officer Candidate School at Newport, Rhode Island.

At Newport I was exposed to a course in Navigation. I became familiar with navigation and exercised the practical aspects of it in the following five-and-a-half years of sea duty.

After helping my father for a few months after separation from the Navy, I took advantage of the hiring benefits the Army Corps of Engineers were giving for my Vietnam service and for my Merchant Marine license. I became a deckhand on the steam dredge Kennedy, operating in the St. Louis District. I commenced studying and taking examinations for more Merchant Marine Licenses and became the operator/maintainer for a fast 30-foot passenger and utility boat tending the St. Louis District's steam dredge St. Genevieve, operating on the Mississippi, Ohio & Illinois rivers. The last duty with the Corps was carrying the District's stream-gauging crew on the Mississippi. The whole Corps experience improved my practical navigation skills.

What do you like most about the profession?

What keeps me going as a land surveyor is the opportunity to help clients deal with an area of learning that most people know very little about.

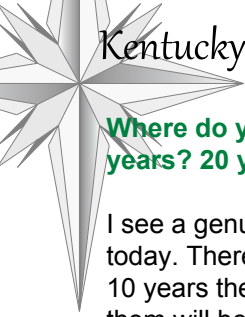
Everyone has memorable stories from out in the field. What's one of yours?

Most surveys have a memorable story. In the course of conversation, I am inclined to recall incidents, some of which a person might consider somewhat memorable. Let's talk sometime.

What is your proudest professional accomplishment?

I was very grateful that KAPS allowed me to serve as President in 1985 and awarded me their Frontiersman Award in 1997. I have been pleased with a faint perception that I receive a modicum of respect from surveyors, attorneys and citizens in my locale for the professional work I have done. (cont.)





Where do you see the surveying profession in 10 years? 20 years? What are the biggest challenges?

I see a genuine need for qualified retracement surveyors today. There are not enough to serve the public need. In 10 years they will be a decade older. In 20 years most of them will be dead and the public will necessarily find other persons or other means to describe the boundaries of land rights, none of which will be an improvement and which can only cause more confusion and expense. The profession is challenged with the task of training aspirants and of making the discipline financially attractive enough that interested students can afford to become a boundary surveyor and have the income and quality of life that other professionals and tradesmen enjoy.

What do you most enjoy or find most beneficial about belonging to KAPS?

KAPS has provided a way to meet many good people who have chosen to be Surveyors. The conferences have provided many good presentations to bring forth different ideas and to challenge the groove we might fall into. From time to time it has advocated for the needs of the public and the surveying community. A Chapter is a good place to interact with the surveyors in a locale and pursue positive projects.

How do you spend your time when not on the job?

Having surpassed my threescore years and ten, I spend my off-job time letting my joints and tendons heal.



Kentucky State Board of Licensure Calendar of Events 2017

April 13	Committee Meetings	Frankfort, KY
April 14	Board Meeting	Frankfort, KY
April 21	PE, STR Vertical Exams	Louisville, KY
April 22	STR Horizontal Exam	Louisville, KY
April 26-29	NCEES Southern Zone Meeting	St. Thomas, VI
July 27	Committee Meetings	Frankfort, KY
July 28	Board Meeting	Frankfort, KY
August 23-26	NCEES Annual Meeting	Miami, FL
October 12	Committee Meetings	Frankfort, KY
October 13	Board Meeting	Frankfort, KY
October 27	PE, STR Vertical Exams	Louisville, KY
October 28	STR Horizontal Exam	Louisville, KY

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The Board Report

Late Renewals

If you miss the June 30 renewal deadline (odd number years for A-K and even number years for L-Z), you have up to one year to renew using the online renewal system. The system will automatically calculate the 10% per month penalty. You will also be an automatic audit for your continuing education.

However, the ability to renew late does not address the issue of practicing without a license. While your license is expired, you cannot practice, offer to practice, or use the PE designation. These are all violations that can result in disciplinary action. Also, if you are expired more than one year, you must apply for reinstatement and the board may require retesting.

For all these reason, please renew timely. Be sure to check your address in our system using the searchable roster at <http://elsweb.kyboels.ky.gov/kboels-web/Searchable-Roster.aspx>

Also please mark your own calendar so you know when to access our online renewal system and renew your license. Even though we send postcard notices, you are still responsible for renewing timely.

Wallet Cards

We will no longer be mailing wallet cards for firm renewals. You can check and print firm information including the permit expiration date using our searchable roster at <http://elsweb.kyboels.ky.gov/kboels-web/Searchable-Roster.aspx>

We are also beginning work on a system where individuals will print their own cards during the renewal process. That is in the early stages of development and we do not have an implementation date. As a reminder, you can use the searchable roster referenced above to obtain current information regarding your license. That system is updated nightly.

Continuing Education Tracking System

The link to the free tracking system is now available on our website at <http://kyboels.ky.gov/Already-Licensed/Pages/Continuing-Education.aspx>

Please take advantage of this free service where you can track your hours; download attendance certificates; transmit electronically if audited; and use for any state or states you choose.

Exam Results

The Fundamentals of Engineering (FE) and Fundamentals of Surveying (FS) results for the second quarter are as follows. The first % is Kentucky and the second % is the national average:

FE First Time Takers – 85%; 72%
FE Repeaters – 27%; 35%
FE Total – 76%; 66%
FS First Time Takers – 0% (one taker); 50%
FS Repeaters – 50% (two takers); 21%
FS Total – 33%; 41%

Upcoming PE Exam Changes

The PE Chemical Engineering exam will be administered in the pencil-and-paper format for the last time in April 2017. The exam will be converted to a computer-based test after that, with the first appointments available in January 2018.

ENFORCEMENT ACTIONS SUMMARY

For The Period

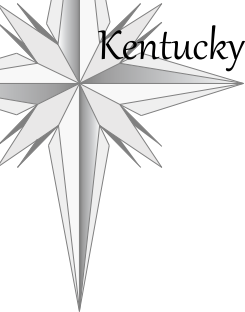
July 23 2016 – October 7, 2016

FREDERICK HARGROVE

In September 2015, the Board received information that Frederick Hargrove had affixed his Kentucky professional engineer's stamp to an engineering drawing after his license had expired. A Board investigation determined that Mr. Hargrove's license had expired on June 30, 2007 and had not been renewed or reinstated. To resolve this matter, Mr. Hargrove entered into an Agreed Injunction, which bars him from further practice of professional engineering in Kentucky until such time as his license is reinstated. No penalty was assessed for the current violation; however, the Agreed Injunction calls for a fine of \$1,000 and seven (7) days in jail for any future violation. The Agreed Injunction was entered in the Franklin Circuit Court on August 18, 2016.

CHRISTOPHER N. EICHBERGER, PE

Christopher N. Eichberger, PE of Louisville was disciplined for failing to respond to an audit of his Continuing Professional Development (CPD) credits in a timely manner, in violation of 201 KAR 18:196. The case was settled by a Consent Decree wherein Mr. Eichberger acknowledged the violations and agreed to a written Reprimand and a \$1,000 fine. The Board accepted the Consent Decree on October 7, 2016.



Available exclusively to Kentucky Surveyors until March 1, 2017. Order today!

Prints of Professions, Inc. (an art publishing company) and the Kentucky Association of Professional Surveyors, working cooperatively, are pleased to announce the availability of a beautiful art print, personalized, matted, and framed, reflecting the heritage of our profession in the earliest years of our nation.

Titled "Among the First," the print edition is limited to 5,000 prints personally signed by artist Gary Curtis, and each print is serially numbered. The print measures 18" x 24" with the image area slightly smaller, plus the matting and framing. Printing has been done by the finest lithographic process available, utilizing fade-resistant inks on acid-free paper. The framed print will be offered to the surveying profession nationwide starting March 1, 2017, but **the print is now being offered exclusively to Kentucky licensed surveyors. This guarantees the Kentucky surveyors will have the opportunity to get the serially numbered print which matches his or her Kentucky surveyors license number, but your order must be received before March 1, 2017.** On that date the print will be advertised to surveyors nationwide and any particular print number will be released on a first-come basis to anyone requesting that number, if it is still available.

Please note there is an engraved brass plate inserted into the center bottom mat. Included in the purchase price is a similar personalized plate with your name, state of licensure, and license number (or whatever short two-line message you choose).

The beautiful wooden frame encasing the forest green outer mat and the dark earth tone inner mat nicely complement the rich colors of the image and would look great in any home or office décor. If used in your office, the purchase price may be tax deductible (check with your legal or tax advisor).

This is a most unique art print, which every professional land surveyor would be proud to own, especially with the matching serial number and engraved brass plate feature. Those are guaranteed only to Kentuckians, and guaranteed only through February 2017, so if you wish to own it you must be, like those early pioneer surveyors, "Among the First."

The cost of the framed print, with shipping and handling, is \$280; the cost of the print only, with shipping and handling, is \$50.

Mail, fax, or email your order form [PDF] directly to the manufacturer. Click here: <https://goo.gl/0wgfkG> to print the order form from the KAPS website.



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KYBOELS is an agency of the Kentucky Governor's Office, established by an act of the Kentucky General Assembly to protect the public health, safety and welfare. This is accomplished through the licensing and monitoring of individuals and firms deemed qualified to practice.

Among the services KYBOELS provides to engineers and surveyors and the public are licensure, reciprocity, examinations, and investigations and regulatory compliance. KYBOELS is not associated with the Kentucky Society of Professional Engineers; however, KYBOELS resides in the Kentucky Engineering Center as a leasee of KSPE.

Statutes and regulations regarding engineering and surveying law in Kentucky are available on the KYBOELS website, <http://kyboels.ky.gov>. If you have specific questions not addressed here, please contact the board office at 800-573-2680 or 502-573-2680.

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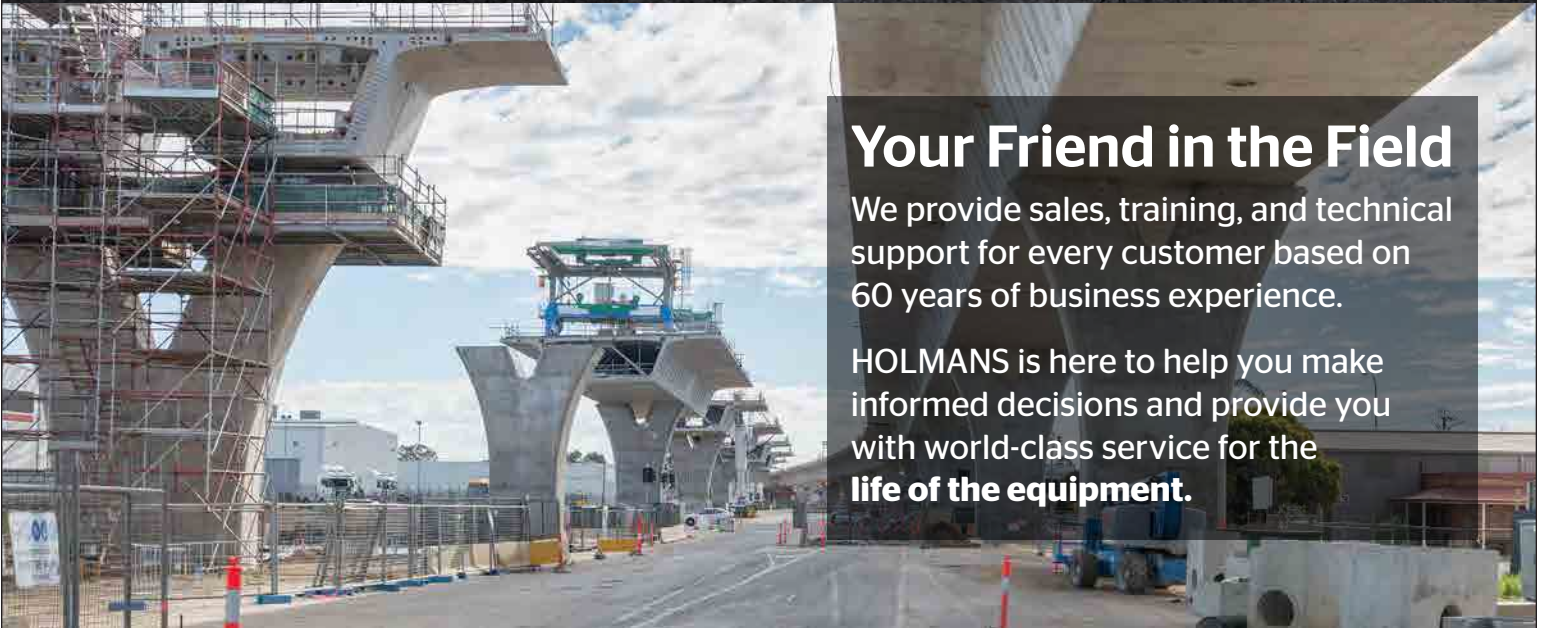
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Isaac Hite's Journal



In 1772 and 1773, there was a fever in the colonies for land. The French and Indian War had ended and England had acquired all the land in the Ohio Valley from the French, but the King has issued a proclamation prohibiting settlements west of the Alleghany Mountains. Soldiers had been promised land for their service, but good available land east of the mountains was about exhausted. In addition, groups of men with powerful political influence had been pressuring the Virginia governor and the Crown to open up the land on the "western waters." Suddenly, the flood gates were opened and there was a rush for Kentucky.

Captain Thomas Bullitt, a veteran of the war who had obtained a surveyor's certificate from the College of William and Mary, but who was not connected with any official Virginia county surveyor, placed this ad in newspaper in Virginia and Pennsylvania in December 1772: "I hereby give notice that I shall attend with Mr. Douglas and such other assistant surveyors as it may be thought necessary to appoint, by the 15th of April, on the Ohio, opposite to the mouth of the Scioto, in order to survey lands claimed under his Majesty's Proclamation, also any other claims that I may be directed to survey; therefore recommended to the officers and soldiers that do not personally attend to their surveys to appoint agents to see it done, and receive their lands. Thomas Bullitt, surveyor."

In the spring of 1773, several groups of men set out down the Ohio to survey land. The first was Bullitt's group, made up of four surveyors – Bullitt, Hancock Taylor, James Douglas and Isaac Hite – and their crews. A John Cowan was a possible fifth surveyor in Bullitt's party. Another was a group of land seekers led by William Thompson. A third was a group made up of the McAfee brothers, and a fourth was James Harrod's expedition

heading up the Kentucky River. The Bullitt, McAfee and Thompson groups originally intended to go together, but circumstances prevented them from making contact and traveling together.

Isaac Hite kept a cursory journal of the trip while platting and writing his survey certificates. Although his entries are brief, it gives a picture of surveying conditions that are hardly imaginable today. Each surveyor had a crew of men, consisting of the surveyor, two chainmen, a marker, and two or three men employed to cook, hunt for meat and keep camp.

Hite's journal begins at the mouth of Harrod's Creek in Jefferson County on July 25, 1773. I have modernized some spelling and inserted, in brackets, information to make the journal more informative.

1773 July 25th-Isaac Hite and Company left [and] floated all night [and] arrived at Harrod's Creek [on the] 26th. Mr. Douglass and I went out to look at a piece of land.

Tuesday 27 remained at camp for hunters.

Wednesday 28th went 18 miles to survey.

29th made 4 surveys of 400 acres each

30th made two 400 acre surveys.

31st went to camp, hard rain.

Sunday 1st August 1773 laid at camp.

2d. went to the Falls [of the Ohio] and camped.

3rd went out to kill meat.

4th remained at camp.

5th and 6th at the town [just laid out by Bullitt for which no plat has ever been discovered] at the Falls.

7th at camp & Sunday 8th.

Monday, 9th went to survey for Capt. Bullitt from the Falls down the River. Out till Thursday about 3 o'clock in the afternoon.

13th Rendered [bear and buffalo fat for cooking] at Camp. Plotted [and] wrote all day. In the night hard rain [and] gale all night wet in canoe – lost the most part of our powder. (cont.)

Saturday 14th left the Falls and got about 7 miles below them and camped.

Sunday 15th dried out things.

Monday 16th Began to take the meanders of the River from where the other surveyors left off & 3 two thousand acre tracts, and went down to Salt River.

17th went up Salt River about 20 miles and unloaded our canoe and killed three elks.

18th went up to the Salt Lick stayed 19 and 20 till after noon & then went to the canoe.

21st went down to the fork. Ebenezer and I went up the right-hand fork to look for land. Found none very good.

22nd went down Salt River 16 miles to a buffalo road.

23rd went out with Mr. Douglass to survey and to look at some land for him. Killed a deer and buffalo and went down to the mouth of Salt River in the night.

24th Mr. Douglass surveyed up the meanders of the River for a survey for John Man to the [missing words] corner of the survey I made and went down 4 miles above the Salt River.

25th went up about 10 miles against Big Wind and rained that night.

26th went out to run the upper line of Morgan's Survey and overtook the canoes at the Falls, went through the falls that night to the Island [probably the current Towhead Island adjacent to Louisville]

27th went and marked our lots in the Town and went up to the 1st island [probably Six Mile Island].

Saturday 28th went up the Island above Harrods Creek [probably Twelve Mile Island].

Sunday 29th Mr. Cowan went and run the line between Captain Bullitt and Mr. Douglass and Phillip Cooper got bit by a snake. Mr. Cowan ran up the river about 2 miles to where we was – Capt. And Samuel Hinck James Sandusky and I went down to him with bears oil and salt. Surveyed the place and stayed there the night.

30th started to [the] Kentucky [River] & went about 20 or 25 miles

31st got to [the] Kentucky at dark.

Wednesday the 1st September 1773 stayed at [the] Kentucky and settled with the company in the afternoon and went out with Samuel Hinck and killed a very fat buffalo. That night there came 3 Indians to us.

2nd Capt. Bullitt and his company left us and went up Kentucky and hid the things that we intended to leave there and killed a deer a swimming the River

Friday 3rd went up a piece further and hid the things for

to go a surveying and then took canoes and went a piece further to a convenient place to turn her up to dry and left our Kegs of meat tallow and flour in the canoe.

Saturday 4th set out to the land that we were going to survey and went about 6 miles and killed a buffalo for our supper and breakfast and a calf and skinned it and cooked it.

Sunday 5th went on to Salt Lick {and} seen an Indian, returned that night to where we were to begin.

Monday 6th Run a part of one side. Found a buck and skinned him [and] killed a buffalo and two calves.

7th went on and camped on a large creek where there were plenty of plums. Jimmy [Sowdowski] killed a buffalo.

Wednesday 8th We finished and went to the canoe. The Indians had taken our flour and corn and all our oars and setting poles except for one each.

Thursday 9th loaded our canoe and went down to the 1st bottom below Kentucky and killed a buffalo.

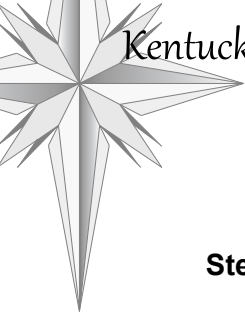
10th surveyed that bottom – rained that night.

Saturday 11th went 4 miles to survey a place for James [Sowdowski] but did not do it, returned and made oar and paddle and came about a mile above Kentucky on our way home.

The balance of the journal covers the trip back up the Ohio. During the survey expedition, the men laid waste to the countryside in their quest for meat. Other journals from that period describe killing several buffalos for a few men just so they could take the tongues and humps without having to bother with the rest of the animal. Perhaps they could not preserve the meat more than one day. On the trip home, they killed a buffalo at Big Bone Lick on September 13. On the 19th, they killed a buffalo. On the 22nd, they killed a bear and a buffalo, but did not use them. On the 24th, they killed three buffalos.

In the end, the expedition was mostly a waste. Kentucky was then a part of Fincastle County, Virginia, and the county surveyor, William Preston, refused to "stamp" the certificates for the land office. Out of dozens of surveys performed, only two patents were issue by the governor, and those were for two close political friends. However, those lands were escheated during the revolution because the men had remained loyal to the Crown. Daniel Boone and surveyors James Douglass sat on the jury that tried the case.

Bud Salyer is a 1973 graduate of the University of Kentucky College of Law and had a private law practice in Morehead until his retirement in 2006. In the last 10 years of practice he concentrated on boundary and road disputes, and he also served 10 years as General Counsel to the KAPS Board. He is currently working on two books, one a handbook for lawyers and surveyors for boundary surveying/disputes, and one on the history of pioneer surveyors in Kentucky from 1773-1792.



In Memoriam

Steven Victor "Steve" Forrest



Steven Victor "Steve" Forrest, age 45, passed away in Frankfort on Saturday, Nov. 12, 2016. Services took place at Harrod Brothers Funeral Home on Thursday, Nov. 17, 2016, with Dr. Hershael York officiating, assisted by Rev. David Rayborn and Bro. Kenny Robinson. Burial followed at Sunset Memorial Gardens. Military Honors were observed at the gravesite by American Legion Post 8.

Steve was born in Olean, N.Y., on April 27, 1971. He was united in marriage on May 24, 1997 to his wife, Molly McLean Forrest, four months his senior.

He was a Veteran of the United States Air Force, where he served in the Honor Guard. He was a cable installer for Frankfort Plant Board and a lifetime member of the National Rifle Association.

He was a member of Buck Run Baptist Church and was ordained as a deacon at Providence Baptist Church. He loved hunting, NASCAR, Kentucky Basketball, the New York Yankees and the Buffalo Bills. He loved making people laugh because he was a loving, caring and humble man with a servant's heart.

Along with his wife, Steve leaves behind to cherish his memories, his daughter, Belle Forrest; his mother, Mary Deckman (Dan Deckman); his father, Terry Forrest (Marcia Forrest); his siblings, Major Ryan Forrest (Major Kelly Forrest), Kristy Green (Chad Green), Paul Forrest (Jill Forrest), Jennifer Forrest Little, Staff Sergeant Scott Forrest (Jenna Forrest), Sergeant First Class Jason Deckman (Melinda Deckman) and Lori Shiro; his mother-in-law and father-in-law, Ed and Grace McLean; his sisters-in-law, Marti Robinson (Kenny Robinson), Marsha Zolnowski (John Zolnowski), and by his brother-in-law, Marc McLean (Amy McLean). He was also blessed with "a whole bunch of" nieces and nephews.

In lieu of flowers, expressions of sympathy may be made in Steve's honor to the GoFundMe account, <https://www.gofundme.com/forrestfamily> or the Buck Run Baptist Church Building Fund, 1950 Leestown Road, Frankfort, KY 40601.

Follow KAPS on Facebook



Robert Eugene Campbell, PE, PLS



Robert Eugene Campbell, 93, of Louisville, passed away Tuesday, September 27, 2016.

Robert was a Navy World War II veteran, a retired lieutenant commander in the U.S. Naval Reserves and member of the Seabee's. He graduated from Rose-Hulman Institute of Technology and was a civil engineer and land surveyor. Robert was also a member of Theta Xi Fraternity, K.A.P.S., Registered Indiana and Kentucky Professional Land Surveyors, American Society of Civil Engineers and Meadowview Presbyterian Church where he was an usher for many years, an elder, a deacon, and taught Sunday school. He was also a former Jefferson County surveyor.

He was preceded in death by his parents, Ward and Helen (Taylor) Campbell and brothers, William and Richard Campbell.

Robert is survived by his wife of 64 years, Beverly J. (Cottrell) Campbell; son, David Craig Campbell; daughter, Karen Sue Campbell; sister, Martha Teets, and brother, Donald Campbell

His funeral service took place Wednesday, October 5, 2016 at Highlands Funeral Home, 3331 Taylorsville Road, Louisville.

Expressions of sympathy may be made to Hosparus of Louisville.

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KAPS Board of Directors

CALL TO ORDER

KAPS 2016 President, Jason Graves, called the September 10, 2016 KAPS Board of Directors Meeting to order.

PROXY VOTES:

A total of two proxies were submitted: Chris Gephart assigned his proxy to Steve Lilly on August 12, 2016; and Dempsey Miracle assigned his proxy to John Ledington on August 25, 2016. Tom Clayborn moved to accept. James Mayo seconded. Motion carried.

MEMBERS PRESENT: Jason Graves – President; Thomas Clayborn – Past President; Josh Calico – President Elect; Dan Farrell – Vice President of External Affairs; James Mayo – Director / Treasurer; John Ledington – Director / Secretary; Michael Ladnier – Professional Development Chair / Audubon Chapter Chair; Greg Barker – Director; Steve Lilly – KAMP Liaison; Tyler Pence – Falls of the Ohio Chapter Chair; Robert Smith – Green River Chapter Chair; Johnny Justice – Highlands Chapter Chair; Randy Long – Northern Kentucky Chapter Chair.

STAFF PRESENT: Molly Forrest – Administrative Assistant

GUESTS PRESENT: none

MEMBERS ABSENT: Kevin Phillips – Vice President of Internal Affairs; Tom Bushelman – Director / By-Laws & Policy Manual Chair; Craig Palmer – NSPS Director; Chris Gephart – Kentucky Board of Licensure Liaison; William Bowie – KSPE Liaison; Paul Schrader – GIAC Liaison; Tommy Crabtree – Director; Richard Montgomery – Director; Bob Neuhaus – Barren River Chapter Chair; Nick Jerdon – Bluegrass Capital Chapter Chair; Matthew Clark – Jackson Purchase Chapter Chair; Dempsey Miracle – Southeast Chapter Chair

PRESIDENT'S WELCOME

President Jason Graves welcomed everyone to the meeting. Introductions were made.

ADDITIONS OR REVISIONS TO THE AGENDA

No additions or revisions were requested.

REVIEW AND APPROVAL OF BOARD MEETING MINUTES

The minutes of the June 17, 2016 were reviewed. Michael Ladnier made a motion to approve the minutes. Tom Clayborn seconded. Motion carried.

KAPS OFFICER REPORTS

President's Report – written report submitted; President Graves emphasized the need to bring young people into the surveying profession.

President Elect's Report – no report

Treasurer's Report – The 08.31.16 Balance Sheet / Profit & Loss Statement was submitted in the Board Packet as well as a budget comparison report. James Mayo reported \$15,000.00 had been moved from Morgan Stanley to cover expenses. He and Kevin Phillips plan to follow up on the Morgan Stanley losses/fees noted in the submitted email from Michael Cheek, CPA ("The Association would've performed better than budgeted if not for the losses from the Association's investment accounts during the year."). Tom Clayborn moved to accept the financial statements. Greg Barker seconded. Treasurer's Report accepted.

Administrative Assistant's Report – written report submitted; Molly Forrest reported the fall seminar session was open for registration on the KAPS website. She encouraged the board to actively promote the seminars in their areas.

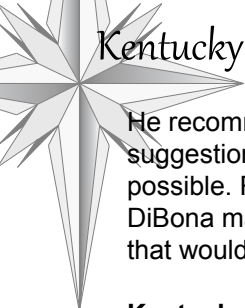
OLD BUSINESS

Prints of Professions Surveyor's Print – Greg Barker has been in contact with Bill Elam who is extremely enthusiastic about the project. The Committee made a motion for print #1 to be auctioned at the 2017 KAPS Conference and the final print to be displayed at the KAPS office. No second was necessary. Motion passed.

Marco Rajkovich's Online Courses – Tom Clayborn reported nothing new on the online courses. He plans to get with Jon Payne regarding the next steps.

KAMP / KAPS MOA Proposal – Steve Lilly reported KAMP is flexible on how the MOA would be worded. Mr. Lilly further emphasized the benefits on coordinating for educational purposes. The proposal would in no way merge the two associations; it would simply enable both parties to work together to educate the public. Mr. Lilly will write a draft to submit to the Board.

Kentucky State Fair – President Graves reported the KAPS fair booth went well. Interest wasn't as keen as the prior year. The booth workers were divided on how beneficial the booth is to the profession. Tyler Pence suggested updating the pictures on the KAPS display. (cont.)



He recommended fewer, larger pictures. Another suggestion was to incorporate interactive media if possible. Randy Long mentioned perhaps Jennifer DiBona may be able to help come up with something that would work well.

Kentucky Construction Career Days – September 20 - 21, 2016. President Graves mentioned needing volunteers for the event. Tyler Pence volunteered.

NEW BUSINESS

Next KAPS Board Meeting – Saturday, December 3, 2016, 10:00 a.m. est at the Embassy Suites, 1801 Newtown Pike, Lexington, KY 40511.

Office Possibilities – Molly Forrest reported the KAPS office landlord, Mr. Butler, would most likely be selling the property soon due to illness. In case KAPS would be interested in purchasing the property: there are 5 units each bringing \$450.00 per month totaling \$2,250.00 per month / \$27,000.00 per year. The standard asking price would be eight times the income value which would total \$216,000. The family may not sell until Mr. Butler passes due to depreciation and taxes. They are currently looking for a loophole on that issue. Also, there is a 12' easement to Versailles Road that comes with the property with the easement worth \$10,000.00 - \$15,000.00. Whoever buys the convenience store next to the easement would either have to buy the easement or move their entrance 12' north.

Following much discussion and many questions including how old the building is, roof maintenance, insurance, etc., Tom Clayborn recommended putting together a committee to look into specifics. Some on the board thought this seemed like a better investment than the Morgan Stanley holdings. Greg Barker mentioned his interest but would be cautious. President Graves created a committee including himself, Greg Barker, and James Mayo.

EX-OFFICIO DIRECTORS REPORTS

GIAC Liaison – no report

KAMP Liaison – Steve Lilly reported the KAMP Conference is October 17–19, 2016 in northern Kentucky. He also mentioned he had probably received 10 emails just that week regarding KAMP's interest in an MOU with KAPS. It was decided for President Graves, Tyler Pence, and Greg Barker to sit down with the KAMP Board to discuss the possibilities.

Professional Development Chair – no written report; Johnny Justice mentioned trying to get a seminar for the Highlands Chapter area. Mr. Justice will talk to Pikeville College about venue possibilities.

CHAPTER REPORTS

Audubon – no written report; Michael Ladnier reported

four at the August chapter meeting. They discussed the fall seminar for their chapter as well as the Christmas party.

Falls of the Ohio – no written report; Tyler Pence reported representatives from Jefferson County Schools will be at their next meeting.

Green River – no written report; Bob Smith reported the chapter had a meeting and plan to host a seminar next year.

COMMITTEE REPORTS

Annual Conference – no written report; Tom Clayborn reported the committee plans to meet following the Board meeting.

Annual Golf Outing and Picnic – no written report; President Graves reported the events went well. He is wondering if another event would be better attended. Tom Clayborn volunteered to check with Holiday World and see if that could be a possibility for a future event. Steve Lilly proposed perhaps changing the venue of the golf outing and picnic.

Legislative – no written report; Tom Clayborn reported the committee had met with Government Strategies regarding a plat law. Government Strategies will draw up language for the proposed law. Jon Payne and Mr. Clayborn plan to meet with David Cox at the Board of Licensure later in the week. Steve Lilly wondered if there is a way to digitize. He sees the need to adapt with the digital age.

SPECIAL COMMITTEE REPORT

Continuing Education Hours – no report; to the Board's knowledge, Tom Bushelman and Craig Palmer have not reported on increasing hours.

Dan Farrell added a public service announcement from the Transportation Cabinet regarding the statewide LiDAR: 77% of the state is available for everyone. The goal is to have all of Kentucky finished by December of 2017. Mr. Farrell emphasized the importance of surveying in this project.

ADJOURNMENT

Steve Lilly made a motion to adjourn. Josh Calico seconded. Motion carried. Meeting adjourned.

Respectfully submitted by Molly M. Forrest for John Ledington, PLS, Secretary

Edited for content by Doug Comer, Editor.



Commonwealth of Kentucky Public Protection Cabinet

Matthew G. Bevin, Governor

David A. Dickerson, Secretary

Gov. Matt Bevin Integrates Real Estate Boards into New Authority *Reorganization creates streamlined approach for industry*

Frankfort, KY (Dec. 2, 2016) – In continuation of his efforts to provide Kentuckians with efficient and effective government, Governor Matt Bevin issued an executive order today altering the Office of Occupations and Professions to form the Department of Professional Licensing and establishing the Kentucky Real Estate Authority. The order also modifies the structure of and reorganizes four state real estate boards, including the Real Estate Commission, the Real Estate Appraisers Board, the Board of Auctioneers and the Kentucky Board of Home Inspectors.

The newly formed Kentucky Real Estate Authority will be comprised of five members, including one member each from the four reorganized Boards and the executive director of the Authority. This system will provide a single forum for industry leaders to collaborate and develop recommendations for the industry.

The reorganization transfers regulatory authority to the Department and protects individual board members from the threat of antitrust liability. The U.S. Supreme Court ruled last year that state boards comprised of market-based participants must be actively supervised by the state to receive protection from such antitrust liability. The new structure gives the Kentucky Real Estate Authority authorization to approve regulatory changes from member boards and recommend those regulations to the Department for promulgation.

“The Governor’s executive order creates a consolidated structure that will safeguard board members and encourage a more efficient system for shaping and reviewing industry regulations,” said Public Protection Cabinet Secretary David Dickerson.

The new Boards will each be responsible for licensing individuals in their respective sectors, and the Boards can also issue penalties for licensees. Under the terms of the executive order, individuals may appeal Board decisions to the Commissioner of the Department of Professional Licensing, thus applying an additional level of scrutiny to Board decisions.

The reorganization cuts the number of members for each Board to three and will centralize Board resources, including space and staff functions. The new structure is expected to result in cost savings for Kentuckians by reducing Board member salaries and consolidating resources.

The executive order is one of several recent actions taken by Governor Bevin to streamline administrative services and increase government efficiency through the Red Tape Reduction Initiative. The executive order will take effect immediately, and the final copy can be seen here: <http://ppc.ky.gov/Documents/EO2016859.pdf>.

###



LOJIC's New Survey Control Map

The LOJIC survey control network was updated this spring by Jacobi, Toombs & Lanz and involved resets of three destroyed monuments and recovery of eighty-eight others.

Information about the LOJIC survey control network is now available from a new, improved...and mobile-friendly...interactive web map using Esri ArcGIS Online and Web AppBuilder. The map is accessible by clicking on the "Interactive Maps" link on the LOJIC homepage, www.lojic.org.

Users can display any of four basemaps within the Gallery, navigate by local street address or survey monument name, select any control point in the map to reveal the control monument name, recovery date, condition, a zoom-to tool and a link to local and NGS data sheets. The interactive map also includes measure tools (area, distance, coordinate location), a print tool for multiple layouts and formats and an information tool with links to documentation for all control maintenance projects.

Explore the LOJIC Survey Control map and, as always, we welcome feedback from the surveying community. Feel free to send us comments using the Contact link in the "About" tool.

Curt Bynum, GISP
LOJIC Manager
502-540-6121
curt.bynum@lojic.org



Holly Gill, CIC
PROFESSIONAL LIABILITY AGENT
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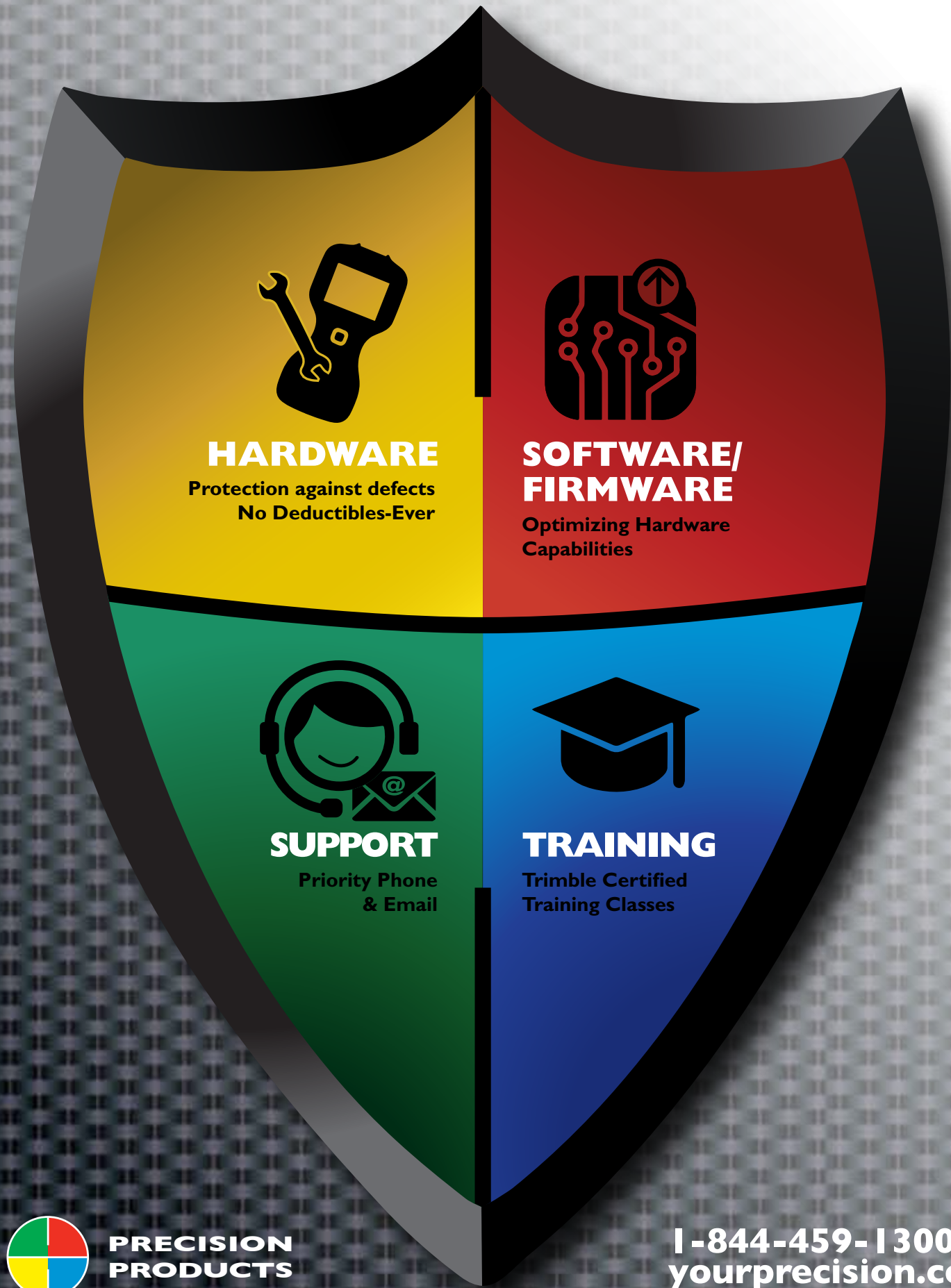
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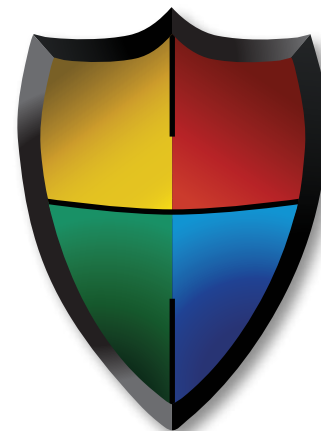
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BIRTHDAY _____ HIGHEST DEGREE _____

I HEREBY CERTIFY THE STATEMENTS MADE ON THIS APPLICATION ARE CORRECT AND THAT, IF ELECTED, I AGREE TO BE BOUND BY THE CONSTITUTION AND BY-LAWS OF THE ASSOCIATION.

SIGNATURE _____ DATE _____

CLASSIFICATION OF MEMBERSHIP

- FULL MEMBER \$ 195.00
- LIFETIME FULL \$3,900.00
- FIRST LICENSED YEAR \$ 0.00
- ASSOCIATE MEMBER \$ 97.50
- CORPORATE MEMBER* \$ 390.00
- BUSINESS MEMBER \$ 390.00
- STUDENT MEMBER \$ 0.00

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“FULL” AND “LIFETIME FULL” KAPS MEMBERS WILL AUTOMATICALLY BE MEMBERS OF NSPS (National Society of Professional Surveyors).

***Descriptions taken from the KAPS By-Laws / Article III / Section 2 Classifications and Qualifications**

FULL MEMBER: Full Membership shall be granted, upon application to the Board, to any person licensed to practice land surveying in the Commonwealth of Kentucky. Except as otherwise hereinafter provided, such membership shall continue, as long as the person’s rights to practice land surveying is maintained. A Full Member shall enjoy all rights and privileges of membership in KAPS.

- **LIFETIME FULL MEMBER:** Lifetime Full Membership shall be granted upon conditions listed above with one lump sum payment equal to 20 years of the current Full Member dues rate.
- **FIRST LICENSED YEAR:** KAPS offers Full Membership free of charge to newly licensed individuals.

ASSOCIATE MEMBER: Any person who is non-licensed but has an interest in land surveying shall be eligible for Associate Membership in KAPS. Associate Membership shall be granted upon recommendation by a Full Member and application to the Board. An Associate Member shall have all rights of Full Membership except the rights to vote and hold office.

CORPORATE MEMBER: Any firm or organization engaged in the practice of land surveying shall be eligible for Corporate Membership provided that either a principal of the firm or a person in responsible management position of surveying for the firm is a Full Member of KAPS. Corporate Membership shall be granted upon application to and majority approval by the Board. Corporate Members shall only have such rights or privileges as may hereinafter be provided or which may be accorded at the discretion of the Board. Corporate Members may enroll full-time employees as KAPS members under the appropriate category at a 20% discount from the full price.

BUSINESS MEMBER: Any firm or organization who is non-licensed but has an interest in land surveying shall be eligible for Business Membership in KAPS. Business Membership shall be granted upon recommendation by a Full Member and application to the Board. A Business Member shall only have such rights or privileges as may hereinafter be provided or which may be accorded at the discretion of the Board. Business Members may enroll full-time employees as KAPS members under the appropriate category at a 20% discount from the full price.

STUDENT MEMBER: Any full-time student with an interest in the profession of land surveying shall be eligible for Student Membership. Membership shall be granted upon application and approval of the Board of Directors. Student Members shall have all rights of membership except the rights to vote and hold office, except within a Student Chapter.

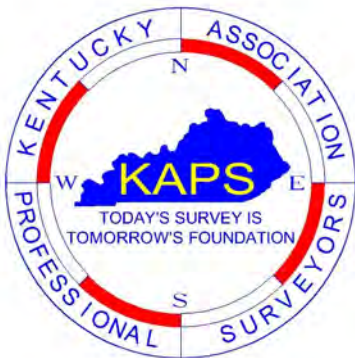
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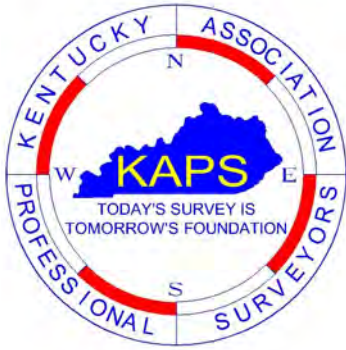
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Email: mforrest@kaps1.com

Dear Surveyors, Vendors, and Guests:

I would like to extend an invitation for you to join KAPS at our annual conference to be held on Thursday, February 16, 2017 through Saturday, February 18, 2017. Early registration will begin on Wednesday with seminars being held on Thursday, Friday and Saturday. For 2017, we will be in Lexington, Kentucky at the Embassy Suites in Lexington, Kentucky.

I encourage each of you to take advantage of this opportunity to join in fellowship with your colleagues from across the state. Attending the conference offers an excellent opportunity to discuss surveying with a group of people who understand and experience your same concerns about the profession.

Beyond the interaction with fellow surveyors, you will also have the opportunity to attend continuing professional development courses covering subjects such as boundary law, new technologies, ethics, and more. We have a great set of presenters arranged for the year and they have really put together some useful information for those in attendance to learn from.

If you plan to attend the conference and are not currently a KAPS member, please look into joining. KAPS presents a very strong voice for the entire surveying profession within Kentucky. Your membership in KAPS also includes membership in the National Society of Professional Surveyors. With this dual membership, you can stay informed and voice your opinion concerning issues affecting surveying locally and nationally.

I extend a huge THANK YOU to Molly Forrest and the KAPS conference committee for arranging the conference. The work performed behind the scenes in order to put on a conference is IMMENSE. I did not fully appreciate how much effort it takes to get everything lined up until I participated (in a small amount) with arrangements.

I hope you will join me at our 2017 conference themed "Coming Together to Ensure Our Future." I am confident there is an excellent opportunity to accomplish the stated goal with the seminars we have lined up.

Professionally,

A handwritten signature in black ink, appearing to read 'Jason Graves'.

Jason Graves
2016 KAPS President



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Wednesday, February 15

3:00 - 7:00 P.M. Exhibitor Setup
6:00 P.M. 2016 KAPS Board of Directors Meeting

Thursday, February 16

7:00 A.M. Registration Opens
7:00 A.M. - 6:00 P.M. *EXHIBITS OPEN*
8:00 A.M. - 12:00 P.M. Technical Sessions
12:00 P.M. - 2:00 P.M. Luncheon & Installation of Officers
2:00 P.M. - 6:00 P.M. Technical Sessions
6:00 P.M. - 7:30 P.M. Exhibitors Reception & Door prizes
7:30 P.M. - 8:00 P.M. 2017 KAPS Board of Directors Meeting

Friday, February 17

7:00 A.M. Registration Opens
7:00 A.M. - 3:00 P.M. *EXHIBITS OPEN*
8:00 A.M. - 12:00 P.M. Technical Sessions
12:00 P.M. - 2:00 P.M. Luncheon & General Membership Meeting
2:00 P.M. - 6:00 P.M. Technical Sessions
6:30 P.M. - 7:00 P.M. Photo Sessions
7:00 P.M. - 9:30 P.M. Awards Banquet

Saturday, February 18

7:00 A.M. Past-President's Breakfast
8:00 A.M. - 5:00 P.M. Technical Sessions
12:00 P.M. - 1:00 P.M. Lunch Included

2017 KAPS CONFERENCE REGISTRATION FORM

CANCELLATION REFUNDS: 30 days prior to event: 100% ▪ 10-29 days prior to event: 50% ▪ 0-9 days prior to event: 0%

*MUST MARK THE TECHNICAL SESSIONS YOU WISH TO ATTEND ON REVERSE

OR ONLINE REGISTRATION IS AVAILABLE AT www.kaps1.com

No printed handouts will be distributed. All available course material will be available at www.kaps1.com.

NAME _____ NAME FOR BADGE _____
LAST FIRST MI

COMPANY NAME _____ BUSINESS PHONE _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

EMAIL _____ CELL PHONE _____

SPOUSE ATTENDING? Yes No (circle one) NAME OF SPOUSE _____

KAPS MEMBER? Yes No (circle one) LIKE TO JOIN KAPS? Yes No (circle one; *form will be emailed)

REGISTRATION TYPE	MEMBER	NON-MEMBER	AMOUNT
FULL REGISTRATION <i>Includes Thursday, Friday & Saturday Lunch, Friday Banquet, Admission to Exhibits, Saturday Technical Sessions; lodging NOT included</i>	\$325.00	\$525.00 <i>(*includes option to become a member; NOT for current members)</i>	
ONE DAY REGISTRATION <i>Please mark which day you will attend:</i> <input type="checkbox"/> Thursday includes lunch, sessions, & exhibits <input type="checkbox"/> Friday includes lunch, sessions, & exhibits	\$195.00	\$295.00	
SATURDAY ETHICS, CODE OF CONDUCT & STANDARDS SESSION ONLY	\$85.00	\$85.00	
SATURDAY THE COUNTY SURVEYOR IN KENTUCKY SESSION ONLY	\$85.00	\$85.00	
FULL-TIME STUDENT REGISTRATION <i>Thursday & Friday only</i>	\$0.00	<i>per day</i> \$25.00	
EXHIBIT PASS ONLY & TECHNICIAN CLASSES <i>no credit</i>	\$30.00	\$40.00	
EXTRA MEALS <i>Please mark below the # of extra meals needed:</i> <input type="checkbox"/> Thursday Lunch / <input type="checkbox"/> Friday Lunch / <input type="checkbox"/> Saturday Lunch <input type="checkbox"/> Friday Evening Banquet (coat & tie event)	\$30.00 \$55.00	\$35.00 \$60.00	
TOTAL REGISTRATION AND EXTRAS			\$
ADD LATE FEE (if postmarked after February 1, 2017)	\$30.00	\$50.00	
GRAND TOTAL DUE TO KAPS			\$

CHECK PAYABLE TO KAPS ENCLOSED (mail to KAPS, 124 Walnut Street, Frankfort, KY 40601)

VISA / MASTERCARD / DISCOVER # _____ (email to mforrest@kaps1.com or fax 502.695.2667)

EXP DATE _____ 3-DIGIT V-CODE (on back of card) _____ SIGNATURE _____

***CLEARLY MARK THE TECHNICAL SESSIONS YOU WISH TO ATTEND
OR REGISTER ONLINE AT www.kaps1.com**
No printed handouts will be distributed. All available course material will be available at www.kaps1.com.

Thursday, February 16, 2017 □ 8:00 A.M. - 12:00 P.M.	<i>Kentucky Easements & Rights of Way</i> 4 PDH; Course #17-01-004; Presenter - Gary Kent
Thursday, February 16, 2017 □ 8:00 A.M. - 10:00 A.M.	<i>A or F? Do You Earn a Passing Grade When it Comes to Risk Management for Land Surveyors?</i> 2 PDH; Course #14-10-060; Presenter - Holly Gill-Gaither CIC
Thursday, February 16, 2017 □ 8:00 A.M. - 11:00 A.M.	<i>Elevation Certificates & the Community Rating Systems: What to Know & Expect;</i> 3 PDH; Course #14-07-051; Presenter - Christina Groves, CRS Specialist
Thursday, February 16, 2017 □ 8:00 A.M. - 12:00 P.M.	<i>FEMA Elevation Certificate Workshop</i> 4 PDH; Course #pending approval; Presenter - Kristen Martinenza
Thursday, February 16, 2017 □ 10:00 A.M. - 12:00 P.M.	<i>Kentucky 811</i> 2 PDH; Course #pending re-approval; Presenter - Timothy Vaughn
Thursday, February 16, 2017 □ 2:00 P.M. - 6:00 P.M.	<i>The Surveyors Judicial Role</i> 4 PDH; Course #17-01-003; Presenter - Gary Kent
Thursday, February 16, 2017 □ 2:00 P.M. - 6:00 P.M.	<i>Degrees of Latitude, Shades of Attitude: the VA & KY Land System</i> 4 PDH; Course #16-07-036; Presenter - Andrew C. Kellie, PLS
Thursday, February 16, 2017 □ 2:00 P.M. - 4:00 P.M.	<i>Getting the GIST of It: GIS for the Modern Geomaticist</i> 2 PDH; Course #17-01-028; Presenter - Stephen Chino, PLS
Thursday, February 16, 2017 □ 4:00 P.M. - 6:00 P.M.	<i>Licensure Board Panel Discussion</i> 2 PDH; Course #14-10-059; Presenter - various BOL members and staff
Thursday, February 16, 2017 □ 2:00 P.M. - 6:00 P.M.	<i>Excel 2007 Training</i> 4 PDH; Course #15-10-088; Presenter - Debra Clayborn, CRCM, CFIRS
Friday, February 17, 2017 □ 8:00 A.M. - 6:00 P.M.	<i>ALTA / NSPS Land Title Surveys—the New 2016 Standards</i> 8 PDH; Course #17-01-024; Presenter - Gary Kent
Friday, February 17, 2017 □ 8:00 A.M. - 10:00 A.M.	<i>Drones: Another Tool for the Surveyor and How to Use Them Legally</i> 2 PDH; Course #pending approval; Presenters - Glenn Anderson, PE & Dan Farrell PLS
Friday, February 17, 2017 □ 8:00 A.M. - 10:00 A.M.	<i>Imaging Total Stations: Improve Productivity & Profitability</i> 2 PDH; Course #17-01-027; Presenter - Steve Myer
Friday, February 17, 2017 □ 8:00 A.M. - 6:00 P.M.	<i>Ethics, Code of Conduct, & Standards of Practice</i> 8 PDH; Course #15-07-050; Presenter - Jonathan Payne, PLS
Friday, February 17, 2017 □ 10:00 A.M. - 12:00 P.M.	<i>We Have Missed the Boat...Or Have You?</i> 2 PDH; Course #17-01-025; Presenter - Brian M. Elbe, PS
Friday, February 17, 2017 □ 2:00 P.M. - 6:00 P.M.	<i>Surveying Lessons Learned While Laser Scanning</i> 4 PDH; Course #17-01-026; Presenter - Ben Shinabery, PLS
Saturday, February 18, 2017 □ 8:00 A.M. - 12:00 P.M.	<i>Standards of Practice, Ethics, & Code of Conduct</i> 4 PDH; Course #15-07-033; Presenter - Chris Gephart, PLS
Saturday, February 18, 2017 □ 1:00 P.M. - 5:00 P.M.	<i>The County Surveyor in Kentucky</i> 4 PDH; Course #17-01-005; Presenter - William Ralph Paris, PLS

Coming Together to Ensure Our Future

THURSDAY SESSIONS

No printed handouts will be distributed. All available course material will be available at www.kaps1.com.

Kentucky Easements & Rights of Way

8:00 A.M. - 12:00 P.M.; 4 PDH; Course #17-01-004; Presenter - Gary Kent

Instruction will include: definitions of easement, license, right of way, dominant estate / servient estate, appurtenant easement / easement in gross, affirmative / negative easements; creating easements including written easements, recordation requirements, scope of a written easement; unwritten easements including implied easements by prior use, necessity, (common law) dedications, easements by estoppel, and prescriptive easements; characteristics of easements including scope, duration, balancing the rights of the servient and dominant estate owners, width and location of easements, exclusive easements, maintenance of easements, overburdening easements, interfering with easements, expanding the use of easements, and relocating easements; terminating easements by merger of title, by release / vacation abandonment, terms of the document, cessation of purpose, impossibility of use, nonuser / intention to abandon, elimination of the necessity, adverse possession, estoppel, mortgage foreclosure, and tax sale; reversionary rights,

A or F? Do You Earn a Passing Grade When it Comes to Risk Management for Land Surveyors?

8:00 A.M. - 10:00 A.M.; 2 PDH; Course #14-10-060; Presenter - Holly Gill-Gaither, CIC

This program strives to bring awareness of common risk factors affecting land surveyors and to review firsthand how these factors play out in actual claim case studies. The program also underscores important factors of the professional liability policy and addresses insurance requirements to achieve certificate compliance.

Elevation Certificates & the Community Rating Systems: What to Know & Expect

8:00 A.M. - 11:00 A.M.; 3 PDH; Course #14-07-051; Presenter - Christina Groves, CRS Specialist

Communities participating in the Community Rating System (CRS) are subject to higher standards of review and regulation in order to receive discounts on flood insurance premiums paid into the NFIP. The 2013 CRS Coordinator's manual changed Elevation Certificate (EC) requirements considerably for CRS communities. As a result, communities and surveyors should pay special attention to ensure completed ECs comply with the new requirements. This workshop will provide an opportunity to see and discuss what is required of CRS participating communities on the Finished Construction EC.

FEMA Elevation Certificate Workshop

8:00 A.M. - 12:00 P.M.; 4 PDH; Course #pending approval; Presenter - Kristen Martinenza

A community's floodplain management portfolio must have an official record that shows new buildings and substantial improvements in all identified Special Flood Hazard Areas (SFHAs) are properly elevated. This elevation information is required to show compliance with the floodplain management ordinance. FEMA released the new Elevation Certificate (EC) during 2016. The workshop focuses on revisions in the new EC and the proper completion of the EC. Also, learn how to submit for Letters of Map Change (LOMCs) Letters of Map Amendment (LOMA), Letters of Map Revision Based on Fill (LOMR – F), Conditional Letters of Map Revision (CLOMR), and Letters of Map Revision (LOMR).

Kentucky 811

10:00 A.M. - 12:00 P.M.; 2 PDH; Course #pending re-approval; Presenter - Timothy Vaughn

The first 1-hour module of this training program provides an in-depth review of the 811 processes, the Kentucky call before you dig law (KRS 367.4901 – 367.4917), a review of construction jobsite and excavation safety and industry best practices. The second 1-hour module will be a demonstration of the online request entry programs provided by Kentucky 811, (“Design and Engineering Request” process and the “locate request” process).

The Surveyors Judicial Role

2:00 P.M. - 6:00 P.M.; 4 PDH; Course #17-01-003; Presenter - Gary Kent

Instruction will include: boundary disputes and title problems—the surveyor connection; title issues including recordation acts, marketable record title acts, and title insurance; Justice Cooley—resolving boundary and title problems; strategies for the professional surveyor including “early intervention,” contractual considerations, communication challenges for surveyors, mediation training, and possible long-term solutions.

Degrees of Latitude, Shades of Attitude: the VA & KY Land System

2:00 P.M. - 6:00 P.M.; Course #16-07-036; Presenter - Andrew C. Kellie, PLS

This program describes the development of the land systems of Virginia and Kentucky and the influence of these systems on contemporary boundary retracement.

Getting the GIST of It: GIS for the Modern Geomaticist

2:00 P.M. - 4:00 P.M.; 2 PDH; Course #17-01-028; Presenter - Stephen Chino, PLS

This course will delve into the acquisition and integration of GIS (Geographic Information System) data into current day geomatics workflows.

Licensure Board Panel Discussion

4:00 P.M. - 6:00 P.M.; 2 PDH; Course #14-10-059; Presenter - various BOL members and staff

Questions and answer panel with various members and staff of the Kentucky Board of Licensure for Engineers and Land Surveyors.

Excel 2007 Training

2:00 P.M. - 6:00 P.M.; 4 PDH; Course #15-10-088; Presenter - Debra Clayborn, CRCM, CFIRS

This is a more extensive course than the 2 hour course we've offered in the past. Instruction will include basic terminology; navigation of tool bar; build a basic spreadsheet; using formulas; short cuts and tricks.

FRIDAY SESSIONS

No printed handouts will be distributed. All available course material will be available at www.kaps1.com.

ALTA / NSPS Land Title Surveys—the New 2016 Standards

8:00 A.M. - 6:00 P.M.; 8 PDH; Course #17-01-024; Presenter - Gary Kent

Instruction will include: process of revising the standards; purpose of the ALTA / NSPS Land Title Survey including the relationship between title insurance and land title surveys, composition of a 2016 ALTA / NSPS Land Title Survey, and a primer on title insurance; request for survey including using a written contract, table A items, dealing with unusual properties / survey requests, and permissions; surveying standards and standards of care including 2016 supersedes previous versions, conflicts with state or local standards, boundary resolution, measurement standards, uncertainties in boundary resolution; records research including request to include current record description, documents to be provided, and what to do if documents are not forthcoming; field work including monuments, rights of way and access, lines of possession and improvements along boundaries, buildings, easements and servitudes, cemeteries, and water features; preparation of the plat or map including boundary, descriptions, dimensions, and closures, easements, servitudes, rights of way, access, and record documents, and presentation; certification including mandatory and unaltered, successors and assigns; deliverables including prints and digital copies; table A including monuments, addresses, flood zone, area, vertical relief, zoning, building dimensions, other substantial features, parking, party walls, utilities, other requirements, adjoiner names, intersecting streets, alternative tools and technologies, recent earth-moving and construction, proposed changes in rights of way, wetlands, off-site easements, and professional liability insurance.

Drones: Another Tool for the Surveyor and How to Use Them Legally

8:00 A.M. - 10:00 A.M.; 2 PDH; Course #pending approval; Presenters - Glenn Anderson, PE & Dan Farrell, PLS

UAVs can be used to collect surface terrain information and photography for small projects and has become the next surveying tool in the box. Conventional surveying, Mobile LiDAR Mapping, Airborne LiDAR as well as Aerial photography and mapping are the methods most widely used to acquire surface data for projects. UAVs can fill a gap for up to date site development information, large surveys and smaller projects where up to date photography can be an advantage to a Surveyor and their client.

Imaging Total Stations: Improve Productivity & Profitability

8:00 A.M. - 10:00 A.M.; 2 PDH; Course #17-01-027; Presenter - Steve Myer

Show surveyors how they can increase productivity and profitability by adding the collection of images to their survey workflow.

Ethics, Code of Conduct, & Standards of Practice

8:00 A.M. - 6:00 P.M.; 8 PDH; Course #15-07-050; Presenter - Jonathan Payne, PLS

This course will fulfill the mandatory 4 hours CPD but give 8 total credit hours (must attend the whole 8 hours). Instruction will include concepts; ethics; code of professional practice and conduct; standards of practice for professional land surveyors; minimum standards of practice for mortgage inspections in Kentucky

We Have Missed the Boat...Or Have You? (building the business of laser scanning for your firm in today's landscape)

10:00 A.M. - 12:00 P.M.; 2 PDH; Course #17-01-025; Presenter - Brian M. Elbe, PS

Course objectives: learn the basics of laser scanning; learn why some firms use their scanners mainly for surveying applications; discuss breaking into new markets and developing scanning into a standalone service; discuss return on investment examples.

Surveying Lessons Learned While Laser Scanning

2:00 P.M. - 6:00 P.M.; 4 PDH; Course #pending approval; Presenter - Ben Shinabery, PLS

Laser scanning has been around for several years now and there have been many technical presentations of how scanning works. Laser scanning is great, but is it really worth the investment? How can I make a reasonable profit using a scanner? Which scanners are better for land surveyors? Are the file sizes going to be too big for my CAD station? Can I use scan data with my GPS on project coordinates? These are valid questions that have direct impact on how we survey in the field and manage our delivered projects out the door. Many times the people answering the questions are salesmen who know their product and hope you will too. From one Kentucky surveyor to other Kentucky surveyor's, this seminar will answer the questions from the perspective of someone who has pulled chain.

SATURDAY SESSIONS

No printed handouts will be distributed. All available course material will be available at www.kaps1.com.

Standards of Practice, Ethics, & Code of Conduct

8:00 A.M. - 12:00 P.M.; 4 PDH; Course #15-07-033; Presenter - Chris Gephart, PLS

Seminar Topics: focus on the Standards of Practice - KRS & KAR, our responsibility to protect the public; KRS Chapter 322 - definitions, exceptions, licensure requirements, investigation / complaints, makeup of the board & qualifications; Code of Professional Practice and Conduct - definitions, conflict of interest, records retention, qualifications / competence, direct supervision; Standards of Practice - history of the Standards, five most common Standards of Practice deficiencies, definitions, classifications of surveys, measurement specifications, monumentation, Section 13 non-boundary survey work; Q&A

The County Surveyor in Kentucky

1:00 P.M. - 5:00 P.M.; 4 PDH; Course #pending re-approval; Presenter - William Ralph Paris, PLS

Seminar Topics: Qualifications for Office; Installation (KRS 73.020); The Surveyor (Scope of Duties); Compensation; The Surveyor & Original Surveys (KRS 56); The Surveyor & Processions (KRS 73); The Surveyor & Divisions; The Surveyor (Possibilities); The Surveyor in Other States (examples)



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KAPS PRESENTS



Friday evening,
February 17, at the
Conference Banquet



KEYNOTE SPEAKER
Thursday, February 16
Luncheon

Gary Kent

Gary Kent is in his 34th year with The Schneider Corporation, a surveying, GIS and consulting engineering firm based in Indianapolis, and with offices in North Carolina, Florida, Texas and Iowa. He is long-time chair of both the NSPS committee and the ALTA committee on the ALTA/ACSM (now NSPS) Standards. Gary is a past-president of both ACSM and ISPLS, and from 1999-2006 taught boundary law, legal descriptions, property surveying and land survey systems for Purdue University in Indianapolis. He is in his twelfth year on the Indiana State Board of Registration for Professional Surveyors and is frequently called as an expert witness in cases involving boundaries, easements and land surveying practice. Gary regularly presents programs all across the country on surveying topics, and he writes columns for *The American Surveyor* magazine and contributes to *NSPS News and Views*.

Coming Together to Ensure Our Future

MEET THE SPEAKERS

Glenn Anderson is an electrical engineer with 30 years of experience in the Kentucky Transportation Cabinet. Glenn developed hardware and software systems for traffic signal control, roadside weather stations and traffic monitoring. Glenn has been an RC hobbyist since 1976 and operated an aerial photography company using unmanned aircraft from 1994 to 2008. Glenn drafted the Transportation Cabinet's 333 exemption and assembled the Cabinet's fixed wing and multirotor aircraft used for surveying. Glenn transferred to the Kentucky Department of Aviation in July of 2016 to coordinate and manage UAS activities within state government.

Stephen C. Chino, Jr., PLS is the GIS Manager for the city of Paducah and has been involved with GIS/GPS work and projects since 1997. He graduated from Grayson County High School in 1994 and received his Bachelor of Science in Geography from Western Kentucky University in 1999. While there his major emphasis was in GIS/GPS technology with a minor in City and Regional Planning. He began interning with the Barren River Area Development District in Bowling Green, Kentucky in 1998 in the GIS/GPS department and in 2000 he accepted a full time position with the BRADD as their Public Administration Specialist. In July 2001 he accepted a surveying technician position with Hunter Martin & Associates in Paducah, Kentucky. While with HMA, Inc. Mr. Chino successfully obtained his Professional Surveying license for the state of Kentucky in 2008. In December of 2011, Mr. Chino accepted the GIS Specialist position with the City of Paducah and was promoted to GIS Manager in the fall of 2016. He has practiced in the GIS/geomatics field for 18 years and has been a licensed Kentucky land surveyor for 8 years.

Debra A. Clayborn, CRCM, CFIRS has worked in the banking industry since 1972 and in the compliance field since 1997. She is currently the Senior Vice President, Compliance/BSA Officer at Eclipse Bank in Louisville, KY. Debbie graduated Magna Cum Laude in Business Administration from the University of Southern Indiana. In performing her responsibilities, Debbie has spent numerous hours building and perfecting Excel spreadsheet and is proficient in the basic functions of Microsoft Excel.

Brian M. Elbe, PS served in the US Army from 1992 to 1996 and is a 2000 graduate from Cincinnati State Technical College where he received an Associate of Applied Science in Surveying and a 2003 graduate from the University of Cincinnati where he received a Bachelor of Science with a Surveying and Engineering Focus. He began working in surveying in 1998 as an instrument operator at RD Zande & Associates and in 1999 began a new position as a survey crew chief at The Kleingers Group. In 2004, he moved into a survey project manager role and in 2008 when the company adopted laser scanning technology served as the lead technician and project manager for scanning projects. In 2010 Mr. Elbe took over the lead role of the scanning division where his primary functions were business development and project management. In early 2015 he started with Leica Geosystems serving as a Regional Scanning Consultant for the Mid-Atlantic region and today serve the Central region. He is a licensed Professional Land Surveyor and has previously spoken on scanning related topics at SPAR International, Autodesk University and Hexagon Live.

Dan Farrell PLS is a licensed land surveyor in the Commonwealth of Kentucky and is Statewide Survey Coordinator for the Kentucky Transportation Cabinet. He manages the Statewide Survey Contracts and Statewide Aerial Photogrammetry contracts for the Cabinet. He provides guidance, training and support for Transportation's survey staff in Highway Design and Construction. He has a UAV Pilot's License as well as a Private Pilot's License. Dan has worked for the Kentucky Transportation Cabinet for over 39 years and is a graduate of Cincinnati State College in Cincinnati, Ohio.

Chris Gephart, PLS has been involved in the surveying industry since 1989 and has experience in a variety of applications including: boundary location/retracement, ALTA/ACSM, topographic, aerial mapping, control and construction layout/staking. Chris is the Vice President of Land Surveying Services and oversees all aspects of the survey work at the Ft. Mitchell office of Bayer Becker from initial client contact and site reconnaissance to the finished record maps or plats. He has extensive experience in boundary survey work including records research, field data acquisition, resolution, property descriptions and platting. Chris has completed surveys for residential subdivisions, industrial parks, retail and commercial centers, utility corridors, and roadway alignments. He has also worked as an expert witness in boundary dispute cases. Chris is a Licensed Professional Surveyor in the Commonwealth of Kentucky. He was President of the KAPS in 2004 and currently serves as Liaison to the Kentucky Board of Licensure for Engineers and Land Surveyors. He received the "Surveyor of the Year" award in 2000 and was an integral part of the team that had legislation passed in early 2005 that

would require all future Kentucky surveyors to have a bachelor's degree in order to become licensed. Chris is also a 2007 graduate of Leadership Northern Kentucky. He holds a Bachelor of Science in Construction Technology from Northern Kentucky University.

Holly L. Gill - Gaither, CIC, Professional Liability Agent, Walker & Associates Insurance has been working with design and land survey firms for the past 13 years. Serving as an independent insurance agent, she provides the insurance products design and land survey firms need such as professional liability practice coverage, specific project or client coverage, and property & casualty coverage. She also assists her clients with detailed insurability contract review, training, and negotiation services. Holly has both developed and delivered continuing education seminars for both professional organizations, such as ISPLS, AIA Indiana and ASCE Indiana, as well as for individual design and land survey firms. Holly is a member of AJE ProNet, an international network of insurance agents specializing in professional liability and loss prevention for design professionals. In past years, she has served on the Professional Liability Agents Network Education Committee and the ACEC Indiana Education Committee. Holly is a graduate of Eastern Illinois University with a Bachelor's Degree in English and Secondary Education.

Coming Together to Ensure Our Future

MEET THE SPEAKERS

Christina Groves, CFM works with communities in FEMA Regions 4, 5, 6 and 7 to join, maintain and improve their participation in the Community Rating System. Specifically working with communities in the States of Arkansas, Indiana, Iowa, Kansas, Kentucky, Missouri, Nebraska and Tennessee to improve their commitment to a sound floodplain management program through participation in the CRS.

Andrew C. Kellie, PLS is Professor Emeritus of Engineering Technology at Murray State University. He is licensed surveyor in Kentucky and Virginia and has worked as a surveyor in private practice. In addition to Murray State, Professor Kellie has taught surveying at the Department of Civil Engineering, Virginia Tech, Blacksburg, Virginia, and the School of Engineering, University of Southern Queensland, Australia. His research interests are in the areas of 3D mapping and modeling.

Gary Kent is in his 34th year with The Schneider Corporation, a surveying, GIS and consulting engineering firm based in Indianapolis, and with offices in North Carolina, Florida, Texas and Iowa. He is long-time chair of both the NSPS committee and the ALTA committee on the ALTA/ACSM (now NSPS) Standards. Gary is a past-president of both ACSM and ISPLS, and from 1999-2006 taught boundary law, legal descriptions, property surveying and land survey systems for Purdue University in Indianapolis. He is in his twelfth year on the Indiana State Board of Registration for Professional Surveyors and is frequently called as an expert witness in cases involving boundaries, easements and land surveying practice. Gary regularly presents programs all across the country on surveying topics, and he writes columns for *The American Surveyor* magazine and contributes to *NSPS News and Views*.

Kristin Martinenza is a Senior Civil Engineer for the Mitigation Division at the Federal Emergency Management Agency (FEMA). She has been with the Region IV office in Atlanta, Georgia since December 2008. Kristen currently serves as the Acting Branch Chief of Risk Analysis and is the Program Lead for the Region IV Cooperating Technical Partners (CTPs). She manages project status of studies and provides technical and regulatory guidance to the CTP partners. In addition, she is the lead of the BCA team which includes reviewing mitigation projects for Hazard Mitigation Assistance Branch. She also conducts training on Risk MAP, Benefit Cost Analysis and technical and mapping issues for States and Local communities throughout Region IV. She is registered as a Professional Engineer and a Certified Floodplain Manager.

Steve Myer has nearly 30 years of experience. He holds an AS degree in Surveying Technology from Vincennes University and an AS degree in Architectural Drafting from Vincennes University. He specializes in high-end measurement equipment sales. Mr Myer has spent a long career in all aspects of land surveying - field, office, and technology sales. He has performed hydrographic surveys, and flood plane mapping for the Indiana Department of Natural Resources, and he's handled project management and construction surveying with a consulting firm in the Lafayette area. He has nearly 25 years experience in equipment sales, support and training.

William Ralph Paris, PLS has a Private Land Surveying Practice (1977 to present). He was Caldwell County Surveyor (1977 to 2002). Mr. Paris has an AB in English from Centre College of Kentucky and a BS in Land Surveying Engineering from Purdue University. He is a member of ACSM/NSPS (1975 to present); member of KY Section ACSM and KAPS (1975 to present); Chairman, County Surveyors Committee KAPS (1995 to 1998); founding member, KY Assoc. of County Surveyors (KACS' 1998 to 2002); President KACS (1999 to 2002); member of Surveyors Historical Society (1998 to present).

Jonathan Payne, PLS has served as a full time lecturer at Murray State University's Jesse D. Jones College of Science, Engineering, and Technology within the recently formed Institute of Engineering since 2013. He teaches the surveying courses within the various engineering technology programs available. Courses taught by Jonathan include Plane Surveying, Geodetic Surveying, Route Surveying, Boundary Surveying, and Special Projects. In order to remain rooted in the profession, Jonathan also continues his private practice specializing in Boundary Surveying; which has been in Cadiz Kentucky since 2000. Jonathan holds a Master's of Science degree in Engineering Technology (1995) and a Bachelor of Science degree in Civil Engineering Technology (1994) from Murray State University. In past years, he has served KAPS at a chapter level as the Jackson Purchase Chapter's vice-chair and chair. At the state level, Jonathan has served as KAPS President Elect (2013) and KAPS President (2014) and has also volunteered on the conference committee and the BOL nominating committee.

Ben Shinabery, PLS is a land survey project manager at Qk4, Inc. where he specializes in high definition digital terrain modeling through traditional survey, 3D Laser Scanning and Aerial Drone Mapping. He grew up helping his dad survey through the corn fields in Michigan and later running a field crew in the swamps of Florida – Full spectrum land surveying: cold and frozen to hot and humid. Now, Ben would rather pick a nice day and program his drone to do the mapping for him. He prides himself on helping others visualize geographic data in an engaging and understandable way. He lives with his bride and three kids in Simpsonville within walking distance from the Ghirardelli outlet.

Timothy Vaughn is Director of Public Affairs for Kentucky 811. Tim is a registered Legislative Agent in the state of Kentucky and is involved in lobbying efforts concerning utility damage prevention and construction safety issues. He has over 30 years of experience in the utility industry with an emphasis on natural gas and electric distribution. Tim has presented safety training programs to national audiences and is a member of multiple committees that focus on construction safety at a national level. Tim has a Masters Degree in Business from Bellarmine University in Louisville, Kentucky.