Message From The Post President

One of the most enjoyable and rewarding events for the Kentuckiana Post is the Scholarship Luncheon held every May at the University of Louisville Alumni Club. It is a pleasure to meet the engineering students selected by the Post for scholarship awards. In a world where there is so much uncertainty and bad press, these young people leave me feeling good about the possibilities the future holds.

The Scholarship Program is a value-added component of SAME membership. Applications are accepted at the beginning of each calendar year from students enrolled in an undergraduate ABET-accredited engineering program. To be eligible, college-enrolled students (freshmen, sophomores, juniors, and seniors as well as high school seniors) must meet one or more of the following criteria:

- Current Student Member of the Kentuckiana Post
- Dependent of a current Kentuckiana Post member
- Employee or dependent of an employee of a Kentuckiana Post Sustaining Member firm
- Employee or dependent of an employee of the USACE Louisville District
- Member of the Post Partnership High School (Waggener High School in Louisville)
- Student, whose permanent home address is within the Kentuckiana Post geographic boundary (Kentucky and Indiana), enrolled in an ROTC program
- Active military personnel, or their dependents, assigned to an installation within the Kentuckiana Post geographic boundary (Kentucky and Indiana)
Paving Solutions for Rehabilitating Existing Asphalt Pavements

If you missed the 12 May 2016 Ft. Knox Field Chapter Meeting, you missed the chance to learn about extending the life of pavements with concrete overlays. **Greg Smith, Director of Paving Technology** for the **Kentucky Concrete Pavement Association**, was on hand at the luncheon with a very informative presentation.

Although concrete overlays have been around since the 1920s, **bonded concrete on asphalt** is trending upward nationally with FHWA support. Greg’s presentation covered the various types of overlays for streets, highways, and parking lots along with case histories. He also provided a wealth of technical resources needed for successful projects.

Greg has been involved in the planning, design, and construction of roads for over 30 years including 25 years in construction of pavements within the City of Louisville. In his current role, he has collaborated closely with the Kentucky Ready Mix Concrete Association in training and promoting concrete technologies of all types, especially concrete overlays, airport runways, RCC, pervious concrete, decorative concrete, and insulated concrete form building construction. Reach out to Greg – he’s a tremendous resource in this area.
April Post Meeting - UK Student Chapter Guests and Insulated Concrete Forms (ICFs)

At the 19 April 2016 monthly luncheon meeting, the Kentuckiana Post welcomed Brian Conaty and Casey Proffitt, the President and Vice President, respectively, of the newly formed University of Kentucky SAME Student Chapter. These impressive young men introduced themselves and provided an update to Post membership on the status of the UK Chapter. Kudos to April Vance of Stantec Consulting Services who has been working diligently with Brian and Casey on outreach to UK students. They are our future and the engineers of tomorrow!

Jill Lewis Smith, a Registered Architect and President of Civic Consultants, Inc., followed with an informative presentation titled, “Insulated Concrete Forms Industry Pitfalls – A Case Study with Louisville Metro Housing”. Jill served as the City Architect for the City of Louisville from 1990-1999 and is a nationally recognized expert in Concrete Building Design.

The City of Chicago burned for three days in 1871, Hurricane Katrina decimated New Orleans in 2005, Hurricane Sandy wiped out half of Queens, New York, in 2012, 1974 saw the Super Outbreak of 30 F4/F5 tornados, and the daily news is filled with stories of homes and businesses destroyed by fire. There is a reason for disaster resilient buildings in every state of the U.S.

Ever wonder why the Pantheon in Rome, Italy, has stood proudly since 117 AD? It’s made of concrete.

Jill shared several case studies including the Crittenden County Fire Station, a prefabricated metal building, and the Lewisburg Fire Station, an ICF and masonry structure. The cost per square foot of the Lewisburg Station was considerably less and provided more disaster resilience. The Breckinridge County Public Library incorporated ICF construction and cost $77,000 less than a conventional structure. Many structures today have concrete walls and roof decks. You may not know but the Seattle Seahawks Stadium roof is concrete.

In addition to improving a structure’s disaster resiliency, ICF technology will be a significant player in upping our game in energy efficiency, combating energy costs which have increased 30% in the last five years.
SAME Congratulates the 2016 Leadership P.E. Graduates

SAME is a proud partner with the American Council of Engineering Companies (ACEC) and the Kentucky Society of Professional Engineers (KSPE) in the design, organization, and implementation of the Leadership P.E. Program. Leadership P.E. is a leadership development program designed to encourage, strengthen and build the professional careers and the civic involvement of entry- and mid- to upper-level engineers. This is accomplished through organized career-training sessions and networking with business and community contacts and peers, as well as interactive meetings with community decision makers. It involves a cross-section of leaders or potential leaders who are active in business, education, the arts, religion, government, community-based organizations and ethnic and minority groups and reflects the diversity of the professional engineering community.

This unique and positive image- and career-building program is designed specifically to benefit persons in the engineering profession. Participation in Leadership P.E. is typically comprised of 15 EITs or PEs selected to participate in eight specially designed leadership experiences over an eight-month period. The charter class was selected in the summer of 1998.

Congratulations to the April 2016 Leadership P.E. graduating class. Kentucky Lt. Governor Jenean Hampton, an Industrial Engineer, gave the keynote address at the graduation luncheon at the Seelbach Hotel in Louisville.

April 2016 Board Meeting Summary

Post President Karen Tenfelde called the Board Meeting to order at 10:05 a.m. on Tuesday, 19 April 2016, in the cafeteria meeting room of the Mazzoli Federal Building. The Meeting Agenda and Board Sign-In Roster were passed among the attendees.

Secretary’s Report
No outstanding items since all Board and Post meeting minutes were submitted and published in the April newsletter. A motion was made and seconded to approve the Secretary’s Report. *Motion passed.*

Treasurer’s Report
John Allison reported a total of $55,740.59 in the Post account with no outstanding bills. He also confirmed that the Post’s Annual Financial Report was submitted to HQ as required. John made a motion to move $20,000 from the Post account to the Education Fund and a motion was made to approve the Treasurer’s report. *Motions passed.*
April 2016 Board Meeting Summary

Committee Reports

Education and Mentoring Fund Management
Co-Chair Tony Marconi was on hand to discuss four remaining grant applications:

- First Robotics Winner Circle Team - $2,500 approved
- First Tee STEM Program - $0 approved
- Future City Kentucky Program - $2,000 approved
- Oldham County Schools Engineering Academy - $1,780 approved

A motion was made and seconded to approve the grant applications in the amounts listed above. Motion passed.

STEM
In an e-mail vote request on 11 April 2016, the Board and Co-Chairs voted unanimously to nominate Sophia Korner for the Air Force Camp and Jackson Flanagan for the Marine Camp. In an e-mail vote request on 4 May 2016, the Board and Co-Chairs also voted unanimously to sponsor Owen Walker, a student in our region who submitted an application to the Army Camp and was accepted but not sponsored at the time by an SAME Post. Motions passed.

Scholarship
Co-Chairs Kristen Crumpton and Don VanBogaert were on hand to review the scoring of the 21 scholarship applications received for 2016. A motion was made and seconded to approve award of six (6) $4,000 scholarships this year. The names will be published after the May Scholarship Luncheon.

Programs
The upcoming programs can be found on same.org/kentuckiana.

Ft. Knox Field Chapter
Co-Chairs Rick Storm and Joe Bissaillon are coordinating with Greg Smith of the Kentucky Concrete Pavement Association for a Field Chapter meeting on 12 May 2016. In addition, they are working with R.J. Dyrdek of DPW on a presentation and bus tour at the August Post Meeting on industry-leading energy and sustainability enhancements at the Ft. Knox facilities.

Golf Scramble
Mark your calendars for the 8 September 2016 Annual Kentuckiana Post Golf Scramble. Registration is open on same.org/kentuckiana. Contact Aaron Cooley or Lisa Wilson-Plajer for opportunities for Partners in Promotion.
April 2016 Board Meeting Summary

U of L and UK Student Chapters
April Vance reported that the President and Vice President of the UK Student Chapter would attend the Post meeting on 19 April 2016 to give a brief introduction and update the Post membership on the status of the UK Chapter.

Small Business
No report beyond contract signed with the Marriott and keynote speaker invited.

Young Member
Brief discussion on ideas for a summer event.

Website
Discussion topics included the need for a plan to upload the Sustaining Member Firms' logos to the website.

Veterans/Wounded Warrior Programs
Co-Chair Rick Wolf continues to look for opportunities for the Post to assist with established programs like those sponsored by the Veterans Community Alliance of Louisville.

Emergency Preparedness and Infrastructure Resilience
Co-Chair Clay Kelly will provide an After Action Report on the 2016 Critical Infrastructure Symposium 3-5 April 2016 for the June Board meeting.

Education and Training
Co-Chairs Bob Draper and Steve Kimball are open to recommendations for a half-day session in November. Karen Tenfelde has reached out to Ian Mitchell for ideas that the USACE community would get jazzed about.

Membership
Co-Chair Lisa Wilson-Plajer distributed the March Membership Report prior to the meeting. Total membership is 688 with 452 Company and Agency Representatives and 236 Individual Members.

Newsletter
No report.

Public Relations
No report.

Photography
No report.

Old Business
Nothing Applicable.
April 2016 Board Meeting Summary

New Business

- **Ft. Knox Cadet Summer Training Awards.** Thank you to the volunteers who signed up to attend the seven CIET cadet graduation ceremonies and present the top engineering student cadet with a gift card and SAME coin.

- **Post Leaders Workshop 28-30 August 2016 in St. Petersburg, FL.** Rick Wolf is attending and registered. Looking for a Young Member to attend.

- **Service Awards Program.** Looking for suggestions to recognize SAME membership milestones.

- **Young Member JETC Sponsorship.** A motion was made and seconded to sponsor Joe Bissaillon as the Post’s Young Member Representative at JETC in May.

*A motion was made and seconded to adjourn the meeting.* The meeting concluded at approximately 11:30 a.m.

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July Meeting:

**When:** Tuesday, 19 July 2016

**Topic:** National Corvette Museum Skydome Repair

**Presenter:** Mr. Zach Massey, PE, LEED AP BD+C
Scott, Murphy & Daniel, LLC

**Location:** Mazzoli Federal Building Cafeteria, (Lower Level)
600 Dr. Martin Luther King, Jr. Place, Louisville, Kentucky

**Time:** 11:30 a.m. to 1:00 p.m.

**Cost:** Varies, You may go through the Cafeteria Line or bring your own.

**RSVP:** Not required
Post-Holiday Pick-Me-Up

We received this note from Sophia Korner, the student we sponsored at the U.S. Marine Corps Camp.

Dear Ms. Vance,

Thank you so much again for selecting me from the Kentuckiana post area for the SAME U.S. Marine Corps Camp! I had a wonderful experience and thoroughly enjoyed the opportunity that week to sharpen and assess my leadership skills and to work with like-minded individuals in realistic scenarios.

At graduation I was very surprised when I was given a most valuable camper award for my leadership in Delta squad, which came in second overall. This award included a $1,000 check gifted to the camp by an anonymous donor. Attending this camp definitely reinforced to me that engineering is what I want to do after high school. After considering the Academies, I have decided that ROTC is the best fit for me and I have already met with the AF ROTC recruiter at Purdue. I plan to apply for both Air Force and Navy ROTC scholarships. As of now I am leaning towards Aerospace, Mechanical, or Electrical Engineering. I really enjoyed the military structure in the camp I attended and I do want to become a military officer after college. On my last ACT I upped my score to 32, so now I am focusing on improving my physical strength and running time.

Sincerely, Sophia Korner

Thanks to everyone for all you put into in our Post. Your efforts are recognized and appreciated.

Ms. Karen Tenfelde, CPSM
Post President, KP-SAME

FOCUS ON . . . OUR SUSTAINING MEMBERS

If you would like to submit a corporate profile for a “Focus On …” feature or your firm would like to share news of recent awards, major projects you have completed or corporate expansion, please forward your ideas or comments for inclusion in the newsletter to Newsletter Chairperson, Mr. Matt Vaughan, Matt.Vaughan@stantec.com or Richard.Petty@stantec.com.
KENTUCKIANA POST, SAME BOARD 2016

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Regular Post meetings are scheduled for the third Tuesday of the month unless otherwise noted.

P.O. Box 59 (ATTN: OP-E)
Louisville, KY 40201-0059

SOCIETY OF AMERICAN MILITARY ENGINEERS, KENTUCKIANA POST

Dedicated to the National Defense

SAVE THE DATE!

2016 S.A.M.E. Kentuckiana Post Golf Outing
Thursday, September 8th, 2016
Quail Chase Golf Course, Louisville KY

2016 KENTUCKIANA POST SCHEDULE:

Regular Post Membership*

19 July 2016  National Corvette Museum Skydome Sinkhole Repair
             Mazzoli Federal Building, Louisville, Kentucky

16 August 2016  Fort Knox Meeting
                Saber & Quill, Fort Knox, Kentucky

20 September 2016  To Be Announced
                   Mazzoli Federal Building, Louisville, Kentucky

18 October 2016  To Be Announced
                 Mazzoli Federal Building, Louisville, Kentucky

* Regular Post meetings are scheduled for the third Tuesday of the month unless otherwise noted.