



TULSA POST NEWSLETTER

June 2019

President's Letter

Anna Childers
President, Tulsa Post



Happy summer Tulsa Post members and fans!

As the saying goes: time flies when you're having fun! I can't believe that we are halfway through the year and we have already started planning for the Holiday Social/Christmas party and next year's Meet the Corps Industry Day in February!

As the President of 2019 Tulsa Post, my job has been made easy by the early forethought of the previous Board. Planning is a fundamental property of a successful mission, but it is also important to decide how to achieve the goals while adhering to that plan.

With that, "statusing" (*specialized jargon or idiolect of workplace for "business review" or "tracking"*) the last 6 months of Tulsa Post's activities to meet the 2019 theme of "Industry - Government Engagement" and the five key pillars of Run to 2020 SAME Centennial Celebration (*"GOALS"*): 1) *Enhancing Industry-Government Engagement*; 2) *Developing Leaders for the Profession*; 3) *Producing STEM Professionals for the Nation*; 4) *Preparing Veterans for the A/E/C Industry* and; 5) *Building Resilience throughout the Country*.

Here's what we have accomplished so far:

January: *State of the Post, Fellows Presentation and STEM high school student Brandon Milford's presentation on "Removal of heavy metals from water using bacteria with patented beads". GOALS: #2 and #3*

February: *"Meet the Corps" Industry Day: GOALS: #1 - #5*

March: *Industry-Government-Engagement - Cost Engineering Workshop. GOALS: #1, #2, #3 and #5*

April: *Historic Preservation & Seismic Retrofitting - presentation. GOALS: #1, #2 and #5, Community Service Event: "Up with Trees" tree planting. GOAL: #2, Young Member Event - Young Members/Fellows Tulsa Drillers Baseball. GOALS: #2 and #3, SAME Engineering and Construction Camps scholarships: Savannah Asher, Ayden Korn, Elise Culp, Cameron Sparger, Derrick Denney, and Kaylynn Cuningkin. GOALS: #2 and #3*

May: *KC-46 Project Tour at Tinker AFB: Joint Meeting with the OKC Post. GOALS: #1, #2, #4 and #5*

June: *Oklahoma Contracting Opportunities, Joint Meeting with ASCE: GOALS: #1, #2. and #5*

In summary, we are tracking very well for the year and for that I am grateful for our Board members and other SAME enthusiasts who have made our success possible! The rest of the year will be filled with young member activities, mentoring opportunities, and a variety of networking events. Make sure to check our website <http://www.sametulsa.org/> and Facebook for the most recent and up-to-date opportunities and programs.

Last but not least, I would like to thank COL Hussin for his leadership of the SAME Tulsa Post as the Past President. We wish him well as he begins his transition from the Commander of the Tulsa District to his role as the Inspector General for the Oklahoma National Guard.

Kind regards,

IN THIS ISSUE

- ◆ SAME Centennial
- ◆ Recap—Monthly Programs
- ◆ Recap –Volunteering Event
- ◆ Recap – Networking Event
- ◆ Post Scholarship Recipients
- ◆ Tulsa Post Happenings
- ◆ Meet a Board Member
- ◆ Readiness Corner
- ◆ Credentialing Program
- ◆ Upcoming Events & More!

SAME Centennial

The Run to 2020 & Beyond



In support of the Society's three-year Centennial Celebration, the Tulsa Post will begin presenting significant dates in our history to highlight how the Tulsa Post has contributed to the Society's mission; to lead collaboration efforts to identify and resolve national security infrastructure-related challenges.

To begin this journey, it is fitting to start with the founding of the Tulsa Post. The Tulsa Post's first meeting was held 12 MAR 1948, where 55 people were present. During the meeting, the Tulsa Post adopted a Charter, By-Laws, and elected permanent officers. The Military Engineer magazine highlighted this event in their May 1948 publishing. Below you will find the article and an excerpt from the Post's Constitution.

Should you have a recommended historical event that helps define our Post, please contact the Post's Centennial POC, Mr. Ashley Allinder: Ashley.J.Allinder@usace.army.mil.

Vol. XL, No. 271

TULSA

Approximately fifty-five present and prospective members attended the meeting held in the Wright Building, Tulsa, Oklahoma, March 12, for the purpose of organizing a local Post.

Col. C. H. Chorpening, Corps of Engineers, Tulsa District Engineer, acted as Temporary Chairman. A proposed Constitution was submitted for consideration and general discussion, after which it was formally adopted.

Officers selected to head the Post for the first year were:

President, Mr. Cleo C. Ingle;
 Vice-President, Mr. Clay Roberts;
 Secretary-Treasurer, Mr. Norman H. Chaffee;
 Assistant Secretary-Treasurer, Mr. Shell Martin;
 Directors, Col. C. H. Chorpening,
 Mr. Dick Reeves and Mr. Claude S. Kirkpatrick.

Mr. R. F. Hunter was appointed Chairman of the Program Committee and Mr. R. W. Noble as Publicity Director.

Source: The Military Engineer, Vol. 40, No. 271 (MAY 1948), pp. 235-238

The Tulsa Post Constitution presented the following:

The objects of the Post are: In the interests of national defense; to advance knowledge of the science of military engineering; to promote efficiency in the military engineer service of the United States; to maintain its best standards and traditions; to preserve the memory of services rendered by the engineering profession throughout the wars in which the United States has been engaged; to encourage, foster and develop between military engineers and other arms of the military service a spirit of co-operation and mutual understanding of their respective duties, powers and limitations; to encourage, foster and develop relations of helpful interest between the engineering profession in civil life and that in the military service; to hold meetings for the presentation and discussion of appropriate papers and for social and professional intercourse.

Event Review - March Workshop

Tulsa Post Tackles Cost Engineering Issues

Cost engineering for construction is a major challenge for Department of Defense agencies. Independent cost estimates, acceptable construction pricing, and authorized amount for projects often vary so much that projects are delayed or canceled. This puts our nation at risk.

In an attempt to mitigate this risk, the Tulsa Post of Society of American Military Engineers (SAME) held a workshop on cost engineering for military construction projects in March. SAME's mission is to promote collaboration between industry and government professionals to identify and resolve national security infrastructure challenges, thus promoting national security. The Tulsa Post's workshop served to promote this mission.

The workshop brought together private sector members from the architecture-engineering and construction industries, and government members from USACE and AFCEC to form two moderated panels on cost engineering—one from a governmental perspective, and one from a private sector perspective. Through this collaboration, solutions were uncovered that neither group may have come to alone.

Both government and industry panels identified a number of problems associated with cost estimating in the military and industry. These problems—programming project budgets based on cost estimates developed years prior, estimating from a poorly written SOW, lack of market research, neglecting the impact of contractor risk—cannot be solved with expertise from only one side. To implement effective solutions to these problems, the industry and government perspectives need to converge. Through this collaboration, a number of potential solutions were identified.

The workshop identified issues with cost engineering in four main areas:

- 1) programming
- 2) risk management
- 3) communication and coordination
- 4) market conditions

Several solutions were identified that can be implemented locally, while others will require support at the higher Headquarters and Congressional Levels. Tulsa Post members are preparing a white paper detailing the results of this workshop and recommended future action. This type of collaboration between government and industry professionals is vital to the continued safety of our nation.



Amber Lanphere , USACE



Joe Schroedel,
SAME Executive Director



Industry Challenges Panel Q&A

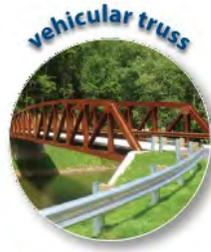
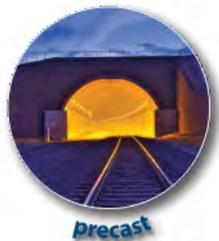
Article contribution from Miro Kurka, Mead & Hunt

March Program Sponsors



*Yesterday's Experience
Today's Solutions*

TOMORROW'S ENVIRONMENTS ENGINEERED

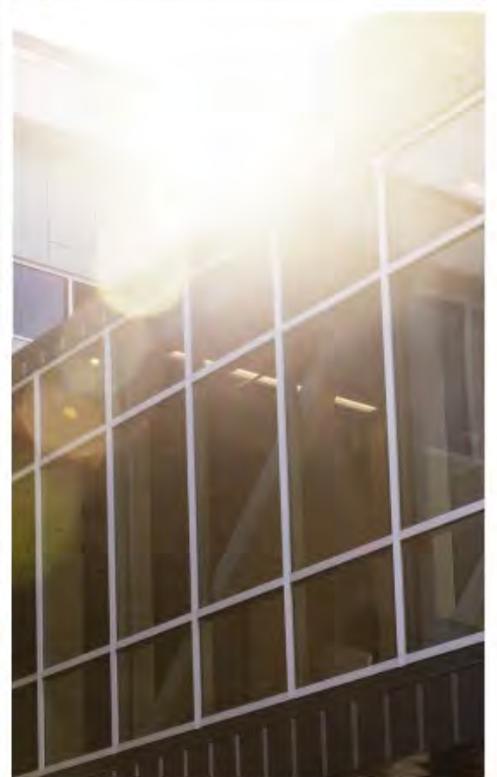


Bringing bridge solutions to life with clear spans available from 5' to 300' and more.
Use our exclusive online tool... DYOB® - Design Your Own Bridge

Contech Engineered Solutions
Sarah Kellert, P.E.
skellert@conteches.com 918-706-7792
www.ContechES.com 800-338-1122

© 2018 Contech Engineered Solutions LLC

March Program Sponsors



We're Olsson, a nationally recognized engineering and design firm that adds purpose to every project we create.
olsson.com

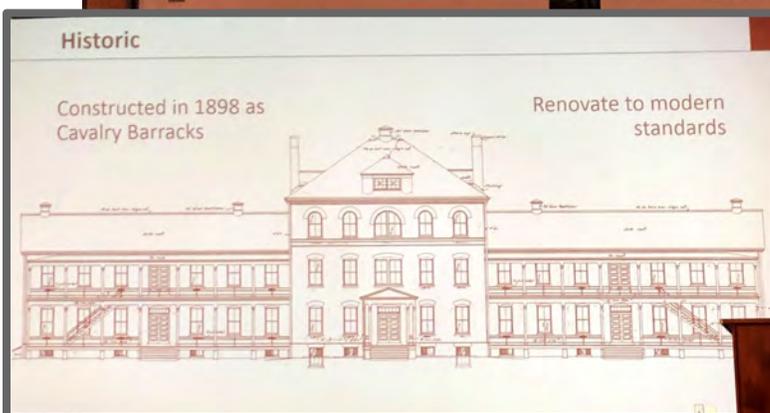
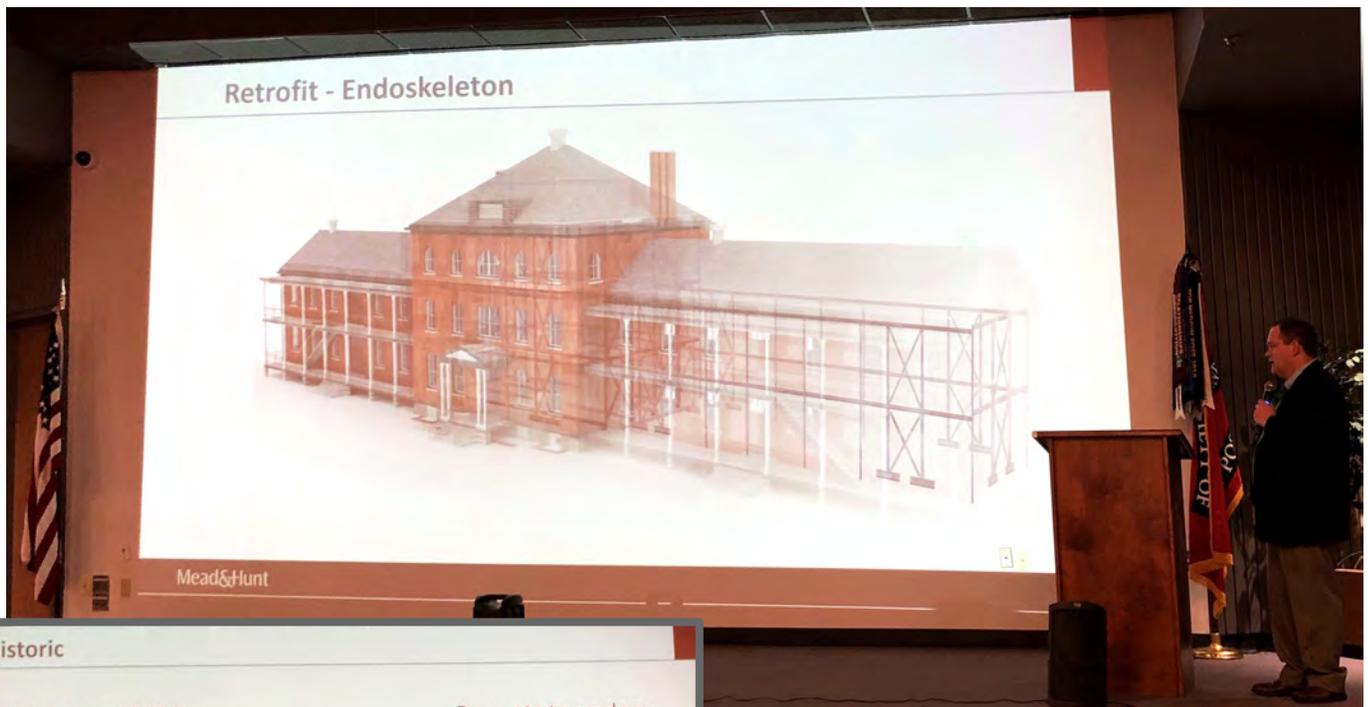


Event Review - April Lunch Program

April's lunch program presentation was on "Historic Preservation and Seismic Retrofitting". A more than 100-year-old building needed structural renovation and upgrades to meet requirements for seismic resistance, anti-terrorism/force protection (AT/FP) and progressive collapse to serve as new office space for the 131st Civil Engineering Squadron. A steel endoskeleton provided the means to meet these requirements while preserving this resource's historic character.

About the speaker:

David Cockrum has 19 years of structural engineering experience. David has a strong background with structural analysis, design, calculations and preparation of construction documents. David is also experienced with estimating, planning and execution of projects. As a structural engineer, David has designed military and government facilities, pre-engineered metal buildings and heavy industrial structures. David has also served as an engineering manager responsible for schedules and budgets of new product development.



Article contribution from Miro Kurka, Mead & Hunt

April Program Sponsor

**Mead
& Hunt**

**MORE THAN
WHAT YOU
THOUGHT**



- > Architecture
- > Engineering
- > Dams & Levees
- > Historic Preservation
- > Energy Services
- > Aviation Pavement & Systems
- > Environmental Services

**Also a March
program sponsor!**

meadhunt.com

Event Recap–Volunteering

Tulsa Post SAME assists Up with Trees!

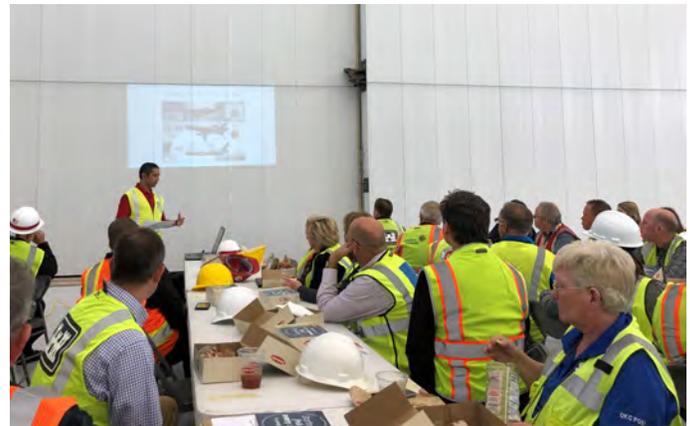
The Tulsa Post SAME celebrated Earth Day by volunteering to plant trees along 81st Street in Tulsa, OK. Working with Up with Trees, on Saturday, April 20th, 2019, we replaced damaged Bradford Pear trees along a major arterial in south Tulsa. Eight volunteers including 6 Post members and 2 SAME Fellows helped dig out 8 large holes, planted large oak trees, leveled up the trees, and backfilled the holes. The median along 81st Street looks amazing! Many of us probably went home to rest our weary backs. 😊 Up with Trees is a great organization whose mission is to beautify the greater Tulsa area. Since 1976 they have planted over 30,000 trees at more than 500 sites. They host many events throughout the year as well as education programs. Please volunteer or donate at www.upwithtrees.org or 918-610-TREE.



Article contribution from John E. Blickensderfer, Guy Engineering

Event Review - May Lunch Program

The May program was held jointly with the SAME Oklahoma City Post at the Tinker Air Force Base, Oklahoma. Daniel de Robles, USACE/OKC Post President, presented on the current KC-46A construction project for the new refueler aircraft which will take the place of the aging KC-135. The new aircraft is substantially taller (11ft.), wider (26ft.) and longer (30 ft.) than the KC-135 and new infrastructure will be required for service and maintenance. Construction began in 2016 on the 158-acre maintenance campus located on the south side of the base. Over all, the multi-phase KC-46A project at Tinker is expected to run through fiscal year 2029, with final construction providing hanger space for 14 separate KC-46A aircraft. Some unique changes encountered thus far include proximity to the airfield, weather, changing code requirement, airfield pavement mix design submission/approval and alkali-silica reactivity mitigation.



Article contributions from SAME Oklahoma City Post

Additional resources:

<https://www.swt.usace.army.mil/Media/News-Stories/Article/1671879/construction-of-kc-46a-depot-maintenance-hangars-underway-at-tinker/>
<https://www.tinker.af.mil/News/Article-Display/Article/1751180/first-kc-46-delivered-to-air-force-tinker-designated-as-maintenance-center/>

May Program Sponsor



WE'RE INVESTED IN OUR NATION'S INFRASTRUCTURE.

Throughout your day, you're probably not far from a Garver project. We design water treatment plants that process the water you drink. We design airport runways that welcome you home. And we design roads you travel to get to where you are going. We understand the importance of the infrastructure in your community and state because it's important to us too.

+ For more information, visit GarverUSA.com

AVIATION | ENVIRONMENTAL | FACILITIES | FEDERAL | POWER | SURVEY | TRANSPORTATION | WATER



Event Recap– Networking

Young Member/Fellows Baseball Event!

On April 18th, a group of young members were joined by the youthful staff from CoxMcLain, Post President Anna Childers, and Programs Committee Co-Chair Miro Kurka to watch the Tulsa Drillers take on the Arkansas Travelers. Although the Drillers lost at ONEOK field, the group enjoyed great seats, pleasant conversation, and free hot dogs. We were even lucky enough to catch a rainbow after the rain let up.



Thanks to everyone who attended!

Article contribution from Haley Rush, Cox|McLain Environmental Consulting, Inc.

Tulsa Post Scholarships Recipients

2019 Justin Noyes High School Scholarships Recipients

The Tulsa Post of the Society of American Military Engineers (SAME) is pleased to announce the recipients of the Justin Noyes Scholarships awarded to senior high school students who intend to earn a degree in engineering, biological science or physical science. One of the three awards was a 4-year renewable scholarship, with the recipients of the renewable scholarships from the past three years demonstrated their eligibility to continue receiving their scholarships.

New Awards - (\$2,000 each)

Kaitlyn Bell - 4-year Renewable Recipient - Broken Arrow High School

Alyson Kain - Broken Arrow High School

Melody Holcomb - Bixby High School

Renewable Scholarships (\$2,000 each)

Blake Mattioda - 4th year

Noah Anderson - 3rd year

Rhett Phillips - 2nd year

Vinita High School Scholarships Recipients (\$2,000 each)

Daryn Kelley

Brannen Maravich

Will Rogers JROTC Cadet Scholarship Recipients



Photographed Left to Right

Naomi Pernell*

Leidin Dagum*

David Epperly (SAME)

Robert Ferguson*

David Stover*

** Indicates Scholarship Recipient*

Tulsa Post Scholarships Recipients

Year in Review from Justin Noyes Scholarships Renewable Recipients

Blake Mattioda @ OU:

My junior year has come to an end and I will be moving on to my final year at The University of Oklahoma in the fall. This semester was challenging as I was taking a full 18 hours and most classes were upper division level and major specific. I was enrolled in Flight Mechanics, Aerospace Structures, Design Simulation, Design, Materials, and Processes, Circuits and Sensors, and World Music. It was a full course load but most of my classes were very interesting and I felt that I learned a lot. My two most memorable moments from this semester were our two projects in Flight Mechanics and Aero Structures. In Flight Mechanics, we were tasked with designing and creating a system of hypothetical airplanes that would provide internet access to the entire country of Africa for a year. This was our only constraint so we were given a lot of design freedom for this project; which I found extremely useful. Our second project was to design the internal structure of an airplane wing and subject it to typical loads experienced during flight. We also conducted a finite element analysis for our design to make sure it would hold up to the applied loads. As I move forward into our capstone project next year I plan to run for the manufacturing lead and oversee the construction of a rocket that we will be designing, testing, and flying in a competition this time next year. Once again I would like to thank you for giving the opportunity to study here at OU, It would not have been possible without this scholarship.

Noah Anderson @ OSU:

Thank you for the scholarship this past year. It was very helpful, especially with books and part of my tuition. This year was my sophomore year. I was involved in homecoming again; I was on outside crew this year, so I spent a lot of time welding and working on the moving parts. I played on an indoor and outdoor soccer intramural team again, sadly we did not win the championship. In February, I began working at the Bert Cooper Engineering Lab, under Dr. Ley. We mix and test various types of concrete. This summer I will be interning at the United States Army Corps of Engineers, in the Infrastructure Section. Thank you again for your time and consideration.

Tulsa Post Scholarships

Year in Review from Justin Noyes Scholarships Renewable Recipients cont...

Rhett Phillips @ University of Kansas:

Major: I originally went into chemical engineering, but I switched at semester to mechanical engineering. The biggest reason for this switch is that I found mechanical engineering to be more aligned with my personal interests. I'm a very hands on person who likes to visually see things.

Activities: I've been very involved on campus my freshman year. For starters, I'm a part of a selective fellowship called the SELF Program. Through the SELF Program, I've participated in case studies, conferences, service activities, and listened to brilliant minds in engineering and technology speak. I'm also on the executive board as the VP of Finance for a club called Synergy. Synergy is an engineering and business club that brings in speakers to discuss how the two field interact. I'm also a member of a club called Best buddies. In this club, I interact with kids who have mental disabilities by engaging in social events. Throughout this year, I've worked on two big engineering projects. The first was designing a device to measure the mental acuity of middle school students. To do this, I made a card matching game that measured the speed it took students to complete the task with a start and stop button wired to an Arduino. My next project was creating a fully autonomous pancake cooking machine. Me and a team had to create a conveyer belt system powered by a vex motor to pull the pancake in and out of the oven once the batter was served on a pan by a servo motor. Finally, I'm going on a two-week study abroad trip to Slovenia with the SELF Program. On this trip, I will be touring engineering firms and meeting some of Slovenia's top CEO's.

Personal Thoughts: Overall, my freshman year has been amazing. It has pushed me to new limits and challenged me mentally. This year has also helped affirm to me that engineering is the degree I want to pursue. Two projects for classes really cemented this for me. First, I had to build a game for elementary school kids to use. It was a card matching game that measured the mental acumen of kids by using a start and stop button to measure how long it took them to complete the task. Next, I had to build a fully automated pancake cooking machine. The user inserted coins which was then transposed to data which determined the size of the pancake. This data was then fed by a slave wire between two Arduinos. The next Arduino ran two linear regressions with this data for cook time and cross-sectional area of the pancake. A conveyer belt then pulled the pancake in and out of the oven to cook it. The problem solving and innovation of these two projects excite me for what waits ahead.

Tulsa Post Happenings

2019 Dam Safety Professional of the Year

Wade Anderson has been selected as the 2019 Dam Safety Professional of the Year. Wade demonstrated outstanding leadership at the USACE Tulsa District Engineering and Construction Division while also serving as the Dam Safety Officer for the Mosul Dam Task Force.

SAME Individual Industry/Government Engagement (IGE) Award

Andy Platz byline

I want to take a moment to congratulate Miroslav Kurka as he has the inaugural Individual Industry/Government Engagement (IGE) Award from the Society of American Military Engineers (SAME)! This award honors individuals who have led efforts to advance solidarity and cooperation between engineers in civil and military life from inception to project completion.

SAME was founded in the aftermath of WWI to preserve lessons learned in the war and facilitate engagement between industry and government professionals. This engagement serves to enhance our nation's security, and SAME continues this mission today.

Miro was presented the award in large part due to his tremendous efforts with the SAME Tulsa Post. He organized and facilitated the first every Industry-Government-Engagement workshop in Tulsa in October 2017. The focus of that workshop was maintaining the U.S. Army Corps of Engineers' aging civil works infrastructure in an era of limited funding. Participants included members of Tulsa District, USACE, the architecture-engineering and construction industry, and Society of American Military Engineers' National Office. The results of that workshop were provided to Tulsa District, USACE, and featured in a *The Military Engineer* article.

More recently, in March, Miro helped facilitate an all-day workshop focused on cost engineering. The workshop brought together private sector members from the architecture-engineering and construction industries, and government members from USACE and AFCEC to form two moderated panels on cost engineering—one from a governmental perspective, and one from a private sector perspective. Through this collaboration, solutions were uncovered that neither group may have come to alone.

Through a long and successful career spanning both the public and private sector, Miro has worked to achieve the goals of SAME and IGE. Miro's decades of experience across both public and private sectors affords him a deep appreciation for what can be accomplished through uniting the military and the civil sides of the engineering industry.

Please join me again in congratulating Miro for this great accomplishment and recognition. Your continued success uplifts your community and promotes national security.



Tulsa Post Happenings

SAME STEM Camps

Tulsa Post is sponsoring 6 campers for SAME STEM Camps this summer. All of the campers are from Oklahoma with most of them being in the Tulsa area. Two campers attended the US Army Engineering and Construction Camp, 9-14 June 2019. One camper will attend the US Navy Camp later this month. Two campers will attend the USAF Camp at Scott AFB and another will attend the USAF Academy Camp in July. All of the campers are excited about the camps this summer and we look forward to hearing about their experiences!

Streamer Results



The **Tulsa Post** was recognized as a Distinguished Medium Size Post for 2018! Thanks to Tulsa Post's Kathy Smith for keeping detailed records of all the activities and making sure that those are aligned with the streamer requirements!

- ◆ **A total of 293 Streamer submissions**
- ◆ **40 Distinguished Posts**

See all the results at the "Post Resource Center": <https://www.same.org/Get-Connected/Post-Resource-Center>



Photo Above: SAME Tulsa Post Board Members with SAME Executive Director
-March Program 2019-

Meet a Board Member

Meet Tulsa Post's Secretary Kyle Marlay. Kyle has been a member of the Tulsa Post since 2014 and has been the Secretary for the past 3 years.

Kyle works for McClure Energy Solutions as a manager of the cathodic protection and AC mitigation design team for midstream pipeline operators across the country. She graduated from Missouri S&T in Rolla, Missouri with a BS in Architectural Engineering and a MS in Civil Engineering. Kyle started her career designing bridges, retaining walls, and general foundations. A short time after obtaining her PE, she transitioned teams and started a career in the oil and gas industry.

In her spare time, Kyle enjoys water sports and spending time at the lake. She is a long standing musician, learning several instruments over the years; including the clarinet, trombone, piano, and drums. She currently is the drummer for the worship band at her church. Her newest hobby is the sport of pickleball and participating occasionally in regional tournaments.

Kyle is also an advocate of STEM activities and programs for students of all ages. She has been involved with FIRST LEGO League as a judge and volunteered for several years as a professional mentor for SAME Engineering and Construction Camps. She hopes to continue to encourage and introduce students to the STEM world and promote those opportunities. She enjoys and appreciates the opportunities SAME has provided both personally and professionally, and looks forward to many more years of service to a great organization.



Readiness Corner

Spring weather in Green Country, Oklahoma, is great. The temperatures start climbing and the plants start to show their colors. Oklahoma has a moderate climate and this time of year just seems to call folks to return to the outdoors. The flowers will start blooming shortly after the snow potential turns to rain. As they say, “April showers bring May flowers.”

This year, several extensive back to back rainfall events saturated the soils and the resulting runoff led several lake systems to reach their flood stage storage capacities. Rainfall in north central and northeastern Oklahoma set new records, exceeding 330% over normal rainfall totals.

Keystone Lake was one of the affected lakes. On May 13, the U.S. Army Corps of Engineers (Corps) implemented a planned release of 85,000 cubic feet per second (cfs) of water, more than had passed through the Keystone dam in 26 years. The release was further increased to 100,000 cfs that same day. Rates of release fluctuated in accordance with inflows to Keystone Lake. Over the course of the flood event, the maximum inflow was 317,000 cfs and the maximum release was 277,000 cfs.

Tulsa and other communities located downstream of the Keystone dam had predictions of widespread flooding along the Arkansas River Basin. The levees located below the Keystone Dam protecting areas of Sand Springs and West Tulsa were built in 1945 out of sand. Last year the Corps began studying the old levees to determine how to best improve the system. Were we ready?

Hindsight is wonderful. At the time of this writing, the flooding has passed through the area and recovery is underway. Let’s look back at some of the news headlines that occurred during the flooding and shortly afterwards:

'We're losing the race': Crews scramble to cope with rising water and Tulsa's aging levees.

Michael Overall, Tulsa World, May 26, 2019

Bus transportation available for people who decide to evacuate.

Staff Reporters, Tulsa World, May 27, 2019

Security on the rise to prevent looting in evacuated areas.

Staff Reporters, Tulsa World, May 27, 2019

Angry residents west of Sand Springs say they didn't have enough warning to evacuate.

Kevin Canfield, Tulsa World, May 28, 2019

While the levees didn’t actually fail, water did seep beneath the levees in places and tributary channels back-flowed resulting in flooding throughout many residential areas. The persistent threat of higher waters increased the risk of breach and led to a mandatory evacuation. Resources were on-hand and available to help remove water from behind the levees, though some critical elements (hoses for water pumps) were in short supply. Advanced planning ensured that bus transportation was available to move the affected population to safer locations. Some of the residents did not feel they were provided adequate time to make preparations to evacuate. Coordination between local and State government provided National Guard to keep 24-hour surveillance on the levees, report any seepage, and to fill sand bags. Their visible presence also helped alleviate evacuated resident’s concerns for their abandoned and unguarded property.

Reality is often a better teacher than training exercises, but has a higher cost when planning is inadequate to the situation. Loss of life was minimized, but property damages did occur. We were mostly ready, but still need to improve our readiness capabilities to deal with what the future may throw at us.

Article contribution from Charles McComas, ALL Consulting

Tulsa Post Foundation Credentialing Program

The Tulsa Post has a Foundation Credentialing Program to promote the professional development of SAME members. The Foundation Board has established a budget for awards to make in 2019. Professional credentialing is a great way to enhance skills to perform better in the industry in which we serve.

The reimbursements are up to \$500 and the program is in place to help support professionals in advancing their careers through credentialing.

The program will support exam prep course, sitting or registration fee reimbursement for credentials, licensures, or certifications which are considered to have an intrinsic value to SAME's mission and the architectural and engineering professions.

- ◆ Initial application deadline is May 1, 2019.
- ◆ If there are more initial applications than funds available, the Foundation will rank the applications based on merit using the information in the applications.
- ◆ If the funds available are not used from the initial applications, additional applications will be accepted throughout the year and awarded in order of submittal and assuming the applications meet the program requirements. **FY19 applications will be accepted until November 30, 2019, or until funds are used.**
- ◆ Applicants must have taken and passed or plan to take and pass a credentialing exam between October 1, 2018 and September 30, 2019 to be eligible for FY19 reimbursement.

A full list of acceptable credentials, licensures and certifications can be found on the application form. The Application for Reimbursement and additional information for exams and other costs can be found on the website (www.sametulsa.org).

Upcoming Tulsa Post Programs

2019 Program Theme

Building Industry-Government Collaboration

SAME's Run to 2020 push is for participation and for supporting Industry Government Engagement. The U.S. Government has huge engineering and construction challenges that industry can support including the USACE \$17.4B supplemental, border security work, climate mitigation, etc.

August Program Meeting:

<i>Topic:</i>	Mosul Dam
<i>Presented by:</i>	Wade Anderson, Tulsa District
<i>Sponsor:</i>	Benham Design, LLC
<i>Date & Time:</i>	August 20, 2019 @ 11:30 am
<i>Place:</i>	Tulsa District USACE Office—1st Floor Auditorium, City Plex Tower

September Program Meeting:

<i>Topic:</i>	Cybersecurity
<i>Presented by:</i>	Mead & Hunt, Louisville District
<i>Sponsor:</i>	Mead & Hunt
<i>Date & Time:</i>	September 24, 2019,
<i>Place:</i>	Tulsa District USACE Office—1st Floor Auditorium, City Plex Tower

October Program Meeting:

<i>Topic:</i>	Resilience Workshop
<i>Presented by:</i>	Bill Smiley, Tulsa District
<i>Sponsor:</i>	A&M Engineering
<i>Date & Time:</i>	October 15, 2019—10:00 am to 1:00 pm
<i>Place:</i>	SWT EOC

For a full calendar of events and programs, please see the SAME Tulsa Post Website:
<http://www.sametulsa.org/>

The mission of the Society of American Military Engineers is to promote and facilitate engineering support for national security by developing and enhancing relationships and competencies among uniformed services, public and private sector engineers, and related professionals.

SAME Oklahoma City Post Event!



2019 OKC POST

SCHOLARSHIP FUNDRAISER GOLF TOURNAMENT

Monday, September 16, 2019 • 4-Person Scramble

11:00am Check-In | 11:30am Lunch • 1:00pm Shotgun

\$65/Player includes green fee • cart • range balls • lunch

Kickingbird Golf Club • 1600 East Danforth • Edmond, OK

PRIZES

TOP TEAMS

CLOSEST TO THE PIN
(MEN/WOMEN)

LONGEST DRIVE
(MEN/WOMEN)

RAFFLE DRAWINGS

Registration deadline: September 1, 2019

Register and pay online at www.same.org/okc

Register and pay via email to Shelleye Miller

Benham • 14000 Quail Springs Parkway • Ste 500 • OKC, OK • 73134

Checks payable to: SAME OKC Post

Questions: Shelleye • 405-607-6167 • shelleye.miller@benham.com

SPONSORSHIP OPPORTUNITIES

Hole Sponsor

Gold – Large Business \$500

Gold – Small Business \$250

Raffle

Cash Item(s)

Dollar Amount or Item(s): _____

Goodie Bag

Cash Item(s)

Dollar Amount or Item(s): _____

REGISTRATION

Provide registration information for each player

Individual 4-Player Team

Name _____ Company _____

Phone _____ Email _____

Handicap _____ Typical 18-Hole Score _____



SAME National News and Information

Small Business Conference



Fostering Engineering Leadership for the Nation

The first meeting of the SAME Foundation Board of Directors was held January 26, 2017. Establishing the Foundation is a major step toward achieving the goals and objectives of the 2020 SAME Strategic Plan. We now have an enormous opportunity to support the development of the next generation of military, government civilian, and A/E/C industry leaders. The Foundation also will provide a secure and beneficial repository for charitable and other bequeaths from members of the Society and the public at large. We are so fortunate to have an extraordinary group of individuals who have stepped up to lead the SAME Foundation. The Foundation is chaired by Col. John Mogge, Ph.D., RA, F.SAME, USAF (Ret.).

For more information, please visit: <https://www.same.org/foundation>

For SAME Foundation FAQs click [here](#).

SAME Website Member Spotlight



SAME is looking to post member spotlights on the national website! If you have someone you think deserves some recognition, this is a great way to provide it. Please take about 200 words to explain who the person is and their background professionally and in SAME (essentially, a short biography). Then, have the individual answer the questions in the fields below. These member spotlights are intended to feature the individual and their accomplishments, and provide SAME members a look at how diverse and far-reaching the Society's membership is. *(NOTE: SAME staff makes final decision on what spotlights are selected for publishing; SAME staff reserves the right to edit submissions)*

For more information, please visit: <https://www.same.org/Online-Forms/Member-Spotlight-Form>

Looking to become a Member? Lapsed Membership?

Join / renew: <https://www.same.org/Join>

Why Become a SAME Member?

Click here to view [Benefits](#) and [Value Brief](#)

Stay Informed!

SAME—Tulsa Post Facebook Page!

Stay current as events unfold!



[Click Here!](#)

SAME National News @ <http://sameneews.org/>

RealTiME & RealTiME
E-Newsletter **(((PODCAST)))**

<https://www.same.org/realtime>

**SAME National's weekly digest
 blog "[Bricks and Clicks](#)"**

Social Media

Twitter: [@same_hq](#)

Flickr

Facebook

YouTube

LinkedIn

TME

The Military Engineer

Magazine: <http://sameneews.org/the-military-engineer/>

SAME National Calendar of Events

Nationwide events may be found at the following website link: <https://www.same.org/calendar>

Membership



You can benefit from the SAME Formula for Success!

Feature	Benefit	Value
Premier professional engineering association in the United States	<ul style="list-style-type: none"> Connects you with public sector and private industry professionals in architecture, engineering, construction, environmental, and facility management fields 	<ul style="list-style-type: none"> Become involved and take an active role in strengthening our nation's security and infrastructure
SAME Leadership	<ul style="list-style-type: none"> You can make a difference 	<ul style="list-style-type: none"> Do something that makes a positive impact Career enhancement and development
Wide Network <ul style="list-style-type: none"> 25,000 members 1,400 companies and public agencies 110 Posts 	<ul style="list-style-type: none"> Connects you to these people and organizations 	<ul style="list-style-type: none"> Benefit from opportunities that may not otherwise present themselves Build professional relationships that will last Benefit from mentors and have the opportunity to mentor others
SAME Support	<ul style="list-style-type: none"> Financial support and mentorship of the following charities and programs that help soldiers and their families or mentor leaders in the A/E/C community <ul style="list-style-type: none"> STEM Program and mentoring Scholarships for college students MATHCOUNTS regional competition Sponsorships for high school students to attend Navy, Army, Air Force, or Marine Corps engineering and constructions camps 	<ul style="list-style-type: none"> Contribute to something larger than your firm's business and your professional development Show your appreciation to our service men and women by supporting them and their families Inspire future professionals in the A/E/C field, from K-12 to college students
Membership	<ul style="list-style-type: none"> Connect with top engineering officials Learn about upcoming projects Receive the Military Engineer magazine Stay current of DOD and A/E/C related issues Discounts for SAME events, seminars, and courses offered by SAME Strategic Partners: CMAA IFMA DBIA 	<ul style="list-style-type: none"> Have the pulse of the industry and most up-to-date opportunity information Continued professional development Insight into and understanding of global and national trends
Sustaining Membership	<ul style="list-style-type: none"> Sustaining Member Only Benefits Five openings for individuals as your members representatives (one must be in the Young Member category, age 35 or younger) Access to Members Only section of the SAME website Receive a copy of the annual SAME Directory of Member Companies and Public Agencies 	<ul style="list-style-type: none"> Enhanced networking and relationships Better business opportunities Continuous information sharing More access
Tulsa Post Membership	<ul style="list-style-type: none"> Assured access to Post luncheon meetings Discount on Post events Up-to-date information on Post and Post activities 	<ul style="list-style-type: none"> Learn of upcoming opportunities in the Federal marketplace Get up-to-the-minute briefs in contracting strategies, budgets, and priorities of your potential clients Have access to speakers who are senior level military and local agency leaders Meet with industry leading professionals and your peers to form strategic alliances and teams in pursuit of opportunities

For membership information, please contact:

Gene Snyman
(918) 669-7010

Gene.snyman@usace.army.mil
www.sametulsa.org



A & M Engineering and Environmental Services Inc.
 AECOM
 Aerial Data Service Inc. *
 ALL Consulting LLC *
 Aptim Federal Services, LLC
 ARCADIS, U.S., Inc
 Benham Design, LLC
 BKL, Inc. *
 Black & Veatch Special Projects Corp.
 Bryan Construction, Inc.
 Burns & McDonnell
 CDM Smith
 Comanche Nation Construction, LLC *
 Continental Mapping Consultants, Inc. *
 Cyntergy AEC *
 EA Engineering, Science, and Technology, Inc., PBC *
 ECC*
 Environmental Quality Management Inc.
 Excellence Engineering, LLC *
 Frankfurt-Short-Bruza Assoc., PC
 Freese and Nichols, Inc.
 Garver
 Guernsey
 Guy Engineering Services, Inc. *
 HDR
 HNTB
 HydroGeoLogic, Inc. *
 Jacobs
 Joseph David Associates LLC
 Keithline Engineering Group, PLLC
 Kiewit
 Leidos
 Mason & Hanger
 Mead & Hunt, Inc.
 MECX, Inc. *
 Meshek & Associates, LLC
 Native Hawaiian Veterans, LLC *
 O6 Environmental *
 Olsson
 Oneida ESC Group *
 Parsons
 PIKA International
 SES Group of Companies *
 Southwind Construction Services, LLC
 Stanley Consultants Inc.
 Stantec, Inc.
 Surveying And Mapping, LLC
 Suulutaaq, inc.
 Tehama LLC
 Tepa, LLC *
 Terracon Consultants, Inc.
 Tetra Tech, Inc.
 Weston Solutions, Inc.
 Whitetail Environmental LLC *
 Wilson & Company, Inc., Engineers & Architects

*Indicates Small and /or Tribal Businesses
www.sba.gov

President

Anna Childers, Jacobs
Anna.Childers@jacobs.com

1st Vice President

Wade Anderson, USACE Tulsa District
daniel.w.anderson@usace.army.mil

2nd Vice President

Rebecca Alvarez, Guy Engineering
rebecca@guyengr.com

Secretary

Kyle Marlay, McClure Engineering Company
KMarlay@mecresults.com

Treasurer

Adam Smith, USACE Tulsa District
Adam.R.Smith@usace.army.mil

Program

Miroslav Kurka, Mead & Hunt
miro.kurka@meadhunt.com
 Clif Warren, Olsson
cwarren@olsson.com

Programs Committee

Cindy Gran, Garver
CLGran@GarverUSA.com
 Sarah Kellert,
 Contech Engineered Solutions
SKellert@ContechES.com

Membership

Gene Snyman, USACE Tulsa District
gene.snyman@usace.army.mil

Young Member

Emmett Reedy, Benham Design, LLC
emmett.reedy@benham.com

Young Member Committee

Haley Rush, Cox McLain
 Environmental Consulting, Inc.
haleyr@coxmcclain.com

Readiness

Emelia Brooks, ALL Consulting
ebrooks@all-llc.com

Readiness Committee

Charles McComas, ALL Consulting
cmccomas@all-llc.com

Education & Mentoring

Clif Warren, Olsson
cwarren@olsson.com

Education & Mentoring Committee

Chris Strunk, USACE Tulsa District
Christopher.B.Strunk@usace.army.mil

Scholarship

David Epperly, ALL Consulting
dapperly@all-llc.com

Communication

Amanda John, Benham Design, LLC
amanda.john@benham.com

Communication Committee

David Epperly, ALL Consulting
 (Website)
dapperly@all-llc.com
 Anna Childers, Jacobs
 (Facebook)
Anna.Childers@jacobs.com

Professional Growth

Tim Morgan, HNTB Corporation
cmorgan@hntb.com

Awards & Streamers

Kathy Smith, Cyntergy
ksmith@cyntergy.com

Small Business

Loretta Turner, USACE Tulsa District
Loretta.J.Turner@usace.army.mil

Small Business Committee

John Roberts, A & M Engineering and Environmental Services, Inc.
JRoberts@aandmeengineering.com

Run to 2020

Ashley Allinder USACE Tulsa District
Ashley.J.Allinder@usace.army.mil

Fellows

Robert Day, Cyntergy
rday@cyntergyaec.com
 Earl Groves,
earl.groves@outlook.com
 John Blickensderfer, Guy Engineering
John-B@guyengr.com
 Miroslav Kurka, Mead & Hunt
miro.kurka@meadhunt.com

Past President

Colonel Chris Hussin,
 USACE Tulsa District
Christopher.A.Hussin@usace.army.mil