At 32 degrees outside I guess fall is gone and winter must be here. This whole year has really flown by.

Since the last newsletter there have been a couple of really great events along with the minor inconvenience of a Federal Government shutdown. The field trip out to the Keystone Dam in September was great and we really appreciated the presentation by Adam Smith and Daniel Morales on the Bridge Project. Once again, we had the JROTC Cadets come out as we continue to focus on STEM ideas.

The TEXOMA Regional Conference was certainly “different” in the midst of the shutdown. It was very impressive to see the three Oklahoma Posts pull together and adjust (right up to the last minute!) to changing speakers and attendees. The panels were very informative and the conversation was tremendous. In particular I want to recognize Cindy Gran, Loretta Turner, and Gene Snyman for all of the planning and coordination for panel members and speakers.

Finally, thanks to Sarah Kellert. She pulled together the Golf Tournament in June and then took on the service project for November. We had over a dozen folks show up to help at the Community Food Bank of Eastern Oklahoma. Always interesting to watch a bunch of engineers make a process more efficient! It was a lot of fun and following up with Hideaway Pizza capped it off.

Next up is the Holiday Social on 19 December. Location is back to Central Center in Centennial Park. Live Event Trivia will be there again and we have added a Silent Auction. Registration will be easy with PayPal again so find the rest of the details in this newsletter.

Hope you all had a Happy Thanksgiving and see you at the Holiday Social.

Mike
# Mark Your Calendars - Save these Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Event Description</th>
<th>Location</th>
<th>Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>14: Wheelers for the Wounded (8 am until late)</td>
<td>September 14</td>
<td></td>
<td></td>
<td>Disney, OK (registration @City Hall)</td>
<td><a href="http://www.WFTW.org">www.WFTW.org</a></td>
</tr>
<tr>
<td>17: Tulsa Post program: Field trip/video model for the replacement of the Keystone Bridge (4 pm-6 pm)</td>
<td>September 17</td>
<td></td>
<td></td>
<td>State Highway 51A at Keystone Dam</td>
<td>Must RSVP: Chief Earl Groves, SWT: <a href="mailto:Earl.Groves@usace.army.mil">Earl.Groves@usace.army.mil</a></td>
</tr>
<tr>
<td>16: Tulsa Post Volunteer event: Community Food Bank of Eastern Oklahoma (8:45 am – noon)</td>
<td>September 16</td>
<td></td>
<td></td>
<td>1304 N. Kenosha, Tulsa</td>
<td>Must RSVP: Sarah Kellert: <a href="mailto:skellert@arrowheadpresaast.com">skellert@arrowheadpresaast.com</a> tel. 918-740-7760</td>
</tr>
<tr>
<td>19: Tulsa Post Holiday Social (6:30 -9:30)</td>
<td>September 19</td>
<td></td>
<td></td>
<td>Central Center, 1028 East 6th Street, Tulsa</td>
<td>Live Event Trivia entertainment, dinner, silent auction</td>
</tr>
<tr>
<td>25: Burgers for dinner!</td>
<td>September 25</td>
<td></td>
<td></td>
<td></td>
<td>$25/person or $40/couple:: payment by credit card or PayPal account: at Tulsa Post web-site: <a href="http://posts.same.org/tulsa/">http://posts.same.org/tulsa/</a></td>
</tr>
<tr>
<td>14: Tulsa Post Volunteer event: Community Food Bank of Eastern Oklahoma (8:45 am – noon)</td>
<td>October 14</td>
<td></td>
<td></td>
<td>Cox Convention Center, OKC, OK</td>
<td>Must RSVP: Sarah Kellert: <a href="mailto:skellert@arrowheadpresaast.com">skellert@arrowheadpresaast.com</a> tel. 918-740-7760</td>
</tr>
<tr>
<td>16: Tulsa Post Volunteer event: Community Food Bank of Eastern Oklahoma (8:45 am – noon)</td>
<td>October 16</td>
<td></td>
<td></td>
<td>Cox Convention Center, OKC, OK</td>
<td>Must RSVP: Sarah Kellert: <a href="mailto:skellert@arrowheadpresaast.com">skellert@arrowheadpresaast.com</a> tel. 918-740-7760</td>
</tr>
<tr>
<td>19: Tulsa Post Holiday Social (6:30 -9:30)</td>
<td>October 19</td>
<td></td>
<td></td>
<td>Central Center, 1028 East 6th Street, Tulsa</td>
<td>Live Event Trivia entertainment, dinner, silent auction</td>
</tr>
<tr>
<td>25: Burgers for dinner!</td>
<td>October 25</td>
<td></td>
<td></td>
<td></td>
<td>$25/person or $40/couple:: payment by credit card or PayPal account: at Tulsa Post web-site: <a href="http://posts.same.org/tulsa/">http://posts.same.org/tulsa/</a></td>
</tr>
<tr>
<td>14: Tulsa Post Volunteer event: Community Food Bank of Eastern Oklahoma (8:45 am – noon)</td>
<td>November 14</td>
<td></td>
<td></td>
<td>Cox Convention Center, OKC, OK</td>
<td>Must RSVP: Sarah Kellert: <a href="mailto:skellert@arrowheadpresaast.com">skellert@arrowheadpresaast.com</a> tel. 918-740-7760</td>
</tr>
<tr>
<td>16: Tulsa Post Volunteer event: Community Food Bank of Eastern Oklahoma (8:45 am – noon)</td>
<td>November 16</td>
<td></td>
<td></td>
<td>Cox Convention Center, OKC, OK</td>
<td>Must RSVP: Sarah Kellert: <a href="mailto:skellert@arrowheadpresaast.com">skellert@arrowheadpresaast.com</a> tel. 918-740-7760</td>
</tr>
<tr>
<td>19: Tulsa Post Holiday Social (6:30 -9:30)</td>
<td>November 19</td>
<td></td>
<td></td>
<td>Central Center, 1028 East 6th Street, Tulsa</td>
<td>Live Event Trivia entertainment, dinner, silent auction</td>
</tr>
<tr>
<td>25: Burgers for dinner!</td>
<td>November 25</td>
<td></td>
<td></td>
<td></td>
<td>$25/person or $40/couple:: payment by credit card or PayPal account: at Tulsa Post web-site: <a href="http://posts.same.org/tulsa/">http://posts.same.org/tulsa/</a></td>
</tr>
</tbody>
</table>
Tulsa Post
Holiday Celebration
December 19th, 2013
6:30 pm—9:30 pm

Location: Central Center at 1028 East 6th Street, Tulsa
Cost: $25/person or $40/couple: payment by credit card or PayPal account: Tulsa Post web-site: http://posts.same.org/tulsa/

Program includes:
Buffet dinner
Live event trivia
Silent auction
SAME Silent Auction
TO Benefit
Society of American Military Engineers
Scholarship Fund

We’re seeking donations to make our Silent Auction Fundraiser a success at this year’s annual Christmas Party!

Get Creative so your company’s basket brings the most money!

Ideas Include:
- Spa Theme Basket
- Sports Team Basket
- Kids Theme Basket
- Night-on-the-Town Basket
- Picnic Theme Basket
- Golf Basket
- Hunting/Fishing Basket
- Adult Party Basket
- Wine Tasting Basket
- Excursion/Trip Basket
- Movie/Night-In Basket
- Art/Music/Culture Basket
- Camping/Outdoor Basket
- Maid Service/Home Care Basket
- Local Brewery Theme Basket
- Margarita Basket
- Games/Books Basket

If you are planning to donate a basket, please contact Sarah Kellert at SKellert@ArrowheadPrecast.com.

Thank you for your support!!
SAME Tulsa Post members attended a tour of Keystone Dam powerhouse and the catwalk under the Keystone Bridge on September 17th, 2013. The USACE Tulsa District is replacing the aging Highway 51 Bridge over Keystone Dam at a cost of $15.6 million. The bridge crosses the Arkansas River and nearly 7,500 vehicles cross the bridge every day. An engineering analysis found that the bridge, built in 1964, is at the end of its useful life. The entire bridge will be torn apart and rebuilt using concrete. USACE Tulsa Daniel Morales P.E., lead Structural Engineer for the bridge superstructure, Chris Strunk P.E., lead Structural Engineer for the catwalk structure, and Adam Smith P.E., lead Civil Engineer and 3-D CADD modeler, were the primary designers for the Keystone Bridge Replacement Project. Adam and Daniel, both Tulsa Post members, gave a presentation of the bridge design that uses precast concrete components to increase the speed of construction. Also, a 3-D model was presented. USACE Tulsa District developed the 3-D model of the Keystone Dam and Bridge Structure to use for the following benefits: a. Allows the designers to understand potential feature conflicts during the design process rather than having to address them during construction; b. Allows the designers to provide substantially more accurate quantities/cost estimates to the Cost Engineers for the Independent Government Estimate; c. Allows the designers to include isometric/perspective views from the model in the design package for increased clarity on design intent and; d. Gives the designers an opportunity to validate the as-built/field condition of the structure when designing the repairs. Kiewit Infrastructure will do the construction work. The bridge closed to the traffic Oct. 28, 2013 and will remain closed for next 13 months. The program was sponsored by Cyntergy. Thanks to our sponsor and speakers!

7,500 vehicles cross daily the 50 year old Keystone Bridge.

Corroded steel beams and crumbling concrete show the damage below the bridge. From the catwalk that runs under the bridge, you can see the chunks of concrete that have fallen.

View downstream of the Arkansas River from the catwalk, below the Keystone Bridge.

USACE Tulsa District constructed the 3D models (see article).
Keystone Bridge & Keystone Dam Powerhouse Tour—Sept. 17th
Volunteers are the Heart of the Food Bank

Our volunteers save us hundreds of thousands of dollars each year by donating their time to fighting hunger, feeding hope.

Thanks to our program sponsor: Arrowhead Precast
Community Food Bank of Eastern OK—November 16th, 2013
WHEELERS FOR THE WOUNDED

2013

09-14-2013  8am to ???

This year’s Event to be held at Disney City Hall

Visit us at “WWW.OKWFTW.ORG” for more info

This event is open to all and especially to our US Military Members, Veterans, and Retirees

No four wheel drive? No worries, we’ll have plenty of space with other people for you to hop on and do some wheelin’!

Friday Night
Registration from 5 to 7 p.m. @ City Hall
Cookout on top of the Rock Garden courtesy of Oklahoma Jeepthing from 7 to 9 p.m.

Saturday
Registration from 8 to 9 a.m. @ City Hall
9 to 11:30am open/guided wheeling
Perry Dogs lunch from 11:30 a.m. to 1 p.m.
Poker Run from 1 to 4 p.m.
Dinner from 4 to 6 p.m.
Drawing at 6:30 p.m.

Great Food  Camping  Good Friends  Drawing  Great off-roading
As always, Service Members EAT FREE until the food runs out!

Come early, stay all day, all night, or all weekend. We welcome all to come and honor our troops and raise money for some great causes,
“Fisher House”  “Bluestar Mothers”  “The Hugs Project”

www.fisherhouse.org  www.okbluestarmothers.org  www.thehugsproject.com

There will be guided trail runs for:
Stack/Novice/
First timers to Disney

We will have donation boxes for
“Soldier Care Packages”
Please check website for recommended items
Wheelers for the Wounded - September 14th, 2013

4-wheelin’ in Disney, OK! SAME Tulsa Post members Kathy Smith and Robert Day (Cyntergy) attended this annual event. Tulsa Post supported the event.
Mentoring Opportunity

Tulsa Post is looking for mentors for the renewable scholarship winners. We need someone willing to meet with the students to be their mentors in the areas of Industrial Engineering and Mechanical/Aeronautical Engineering. If you are interested, please contact David Epperly at depperly@allllc.com.

Looking for Articles from Post Members

We are seeking articles from Tulsa Post members to include in future issues of the Post newsletter and in the SAME National ME-The Military Engineer bi-monthly magazine. We hope to hear from you.

If you are interested in submitting an article, please contact: Anna Childers /// Email: anna.childers@ch2m.com.
The Tulsa Post of the Society of American Military Engineers (SAME) is pleased to announce plans to award three $1,000 scholarships to Junior or Senior students in Engineering, Biological Sciences and Physical Sciences programs. Our annual scholarships are named in honor of Mr. J.D. Metcalf who was instrumental in accomplishing unprecedented and nationally recognized flood risk reduction initiatives in Tulsa, Oklahoma and was a loyal and respected member of the SAME. During his career as Tulsa Street Commissioner, Mr. Metcalf’s vision and leadership improved the quality of life of countless Tulsans. These scholarships will recognize students whose accomplishments, associated with scholastic abilities, leadership and love of country, are honored by SAME and mirror the achievements of Mr. Metcalf.

Students from Langston University, Northeastern State University, Oral Roberts University, Oklahoma State University, Oklahoma University and Tulsa University; who meet the following minimum qualifications; will be considered for the scholarship awards (Tulsa Post members can nominate students who attend any university).

- Junior or Senior Level Engineering, Biological Science or Physical Science Student
- 2.5 Grade Point Average
- United States Citizen

These scholarships are not limited to students interested in military careers. All applicants in Engineering, Biological Science, or Physical Science programs that meet the above eligibility requirements will be considered.

Applications must be postmarked by December 2, 2013, and mailed or emailed to:

Tulsa Post Society of American Military Engineers
Room 1117 (David Epperly)
1718 S. Cheyenne Avenue
Tulsa, OK 74119

If you have any questions or need an application, please contact David Epperly at 918-382-7581 or by email at depperly@all-ltc.com.
APPLICATION
2013 J.D. METCALFE MEMORIAL SCHOLARSHIP

NAME ____________________________________________
ADDRESS ________________________________________
CITY ________ STATE ________ ZIP ________
PHONE ________ EMAIL ________________________

1. Enclose a copy of your official transcript.

2. Enclose a copy of a personal recommendation from the head of your school, professor, or a Society of American Military Engineers member.

3. Enclose a brief statement about your personal goals in Engineering, Biological Science, or Physical Science.

4. Enclose a brief statement of your outside activities since entering college, i.e. participation in professional, fraternal, or civic organizations, and work experience.

5. Mail this application package to:

   Tulsa Post, Society of American Military Engineers
c/o ALL Consulting (David Epperly)
1718 S. Cheyenne Avenue
Tulsa, OK 74119

Application must be postmarked or emailed by December 2, 2013 to be considered.

PARTNERING ........... To Serve Members
                      ...To Serve Communities and Nations
                      ...To Shape the Future
Professional Development

PE RESOURCES

- Oklahoma State University Continuing Education—CEAT Professional Development: http://outreach.okstate.edu/
- University of Tulsa Continuing Engineering and Science Education http://www.cese.utulsa.edu/
- University of Oklahoma Continuing Education - Engineering and Geosciences http://www.engr.outreach.ou.edu/
- Tulsa Chapter of OSPE http://www.ospe.org/displaycommon.cfm?an=1&subarticlenbr=34
- Oklahoma State Board of Licensure for Professional Engineers & Land Surveyors http://www.ok.gov/pels/
  - Continuing education: https://www.ok.gov/pels/Continuing_Education/index.html
  - Applications and forms: https://www.ok.gov/pels/Applications_&_Forms/index.html

OTHER

- Oklahoma Floodplain Managers Association (OFMA): http://okflood.org/home/certification.html
- Association of State Floodplain Managers (ASFPM) for Certified Floodplain Managers (CFM): http://www.floods.org/index.asp?menuid=426
SAME is Part of the Social Media

Follow SAME on the following social media sites:

- SAME National on Twitter at http://twitter.com/same_tme
- SAME National’s weekly digest blog “Bricks and Clicks” at www.same.org/blog
Sustaining Member Firms

A & M Engineering & Environmental
AECOM
*Aerial Data Service, Inc.
Aerotek, Inc.
AMEC Earth & Environmental
ARCADIS
*ALL Consulting
*ASSET Group, Inc.
*Bay West, Inc.
BKL, Inc.
Black & Veatch
Brown and Caldwell
Builders Steel and Crane
Burns & McDonnell
BWR Corporation
C.H. Guernsey & Company
*CAPE Environmental Management
CDM
CH2M Hill
*Cherokee CRC, LLC
*Cherokee Nation Construction
CJC Architects, Inc.
*Comanche Nation Construction, LLC
*Conti Federal Services, Inc.
*Continental Mapping Consultants, Inc.
*Cyntergy AEC
Dewberry Design Group, Inc.
*Dynamic Corp.
EA Engineering, Science, & Technology
ECC
Ecology & Environment, Inc.
*EMR Inc.
Enercon Services
Franvel Corporation
Garver, LLC
Geotechnical Services, Inc.
*Guy Engineering Services, Inc.
HDTB
*HydroGeoLogic, Inc.
Key Construction
Kiewit Federal Group
Kleinfelder
MCTEC Engineering and Consulting
Mason & Hanger
Mead and Hunt, Inc.
MECX, LP
Meshek & Associates, PLC
MWH
Parsons
SAIC
SpecPro Environmental Services
*Standard Testing & Engineering Co.
Stanley Consultants, Inc.
Terraco Consultants
Tetra Tech, Inc.
The McIntosh Group, LLC
*The Ross Group Construction Corp.
The Shaw Group Inc.
URS Corporation
*USA Tank Sales & Erection Co., Inc.
Weston Solutions, Inc.

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

2013 Officers and Board Members

President
Col. Michael Teague, USACE
918.669.7201
michael.j.teague@usace.army.mil

Lt. Col. Don Nestor, USACE
918.669.7203
don.a.nestor@usace.army.mil

1st Vice President
Cindy Gran, Garver, LLC
918.858.0233
cgran@garverusa.com

2nd Vice President
Chris Strunk, USACE
918.669.7137
Christopher.b.strunk@usace.army.mil

Secretary
Michelle Lay, USACE
918.669.4380
michelle.r.lay@usace.army.mil

Finance Committee Chair
Braden West, USACE
918.669.7104
braden.s.west@usace.army.mil

Programs Chair
Miroslav Kurka, Mead & Hunt
918.585.8844
miro.kurka@meadhunt.com

Programs Committee
Sarah Kellert
Kalli Clark, USACE
Shannon Koening, SAIC
Jeremy Hill, SAIC

Membership Chair
Gene Snyman, USACE
918.669.7010
gene.snyman@usace.army.mil

Membership Committee
Adam Smith, USACE

Young Member Chair
Jessica Floyd, McIntosh Group
jfloyd@mcintoshgroup.com

Readiness Chair
Bill Smiley, USACE
918.403.9857
william.e.smiley@usace.army.mil

Readiness Committee
Charles McComas, ALL Consulting
Lars Ostervold, CH2M Hill

Education & Mentoring (Scholarship)
Gene Lilly, USACE
918.669.7196
douglas.e.lilly@usace.army.mil

Education & Mentoring Committee
David Epperly, ALL Consulting

Communication Committee Chair
Anna Childers, CH2M HILL
918.583.3057 x59158
annachilders@ch2m.com

Communication Committee
Robert Felice, USACE (Social/Photography)
David Epperly, ALL (Website)

Professional Growth
Shawn Painter, USACE
Shawn.M.Painter@usace.army.mil

Awards & Streamers
Kathy Smith, Cyntergy AEC
918.877-6000
ksmith@cyntergyaec.com

Small Business Liaison
Loretta Turner, Weston Solutions, Inc.
918.459.4579
l.turner@westonsolutions.com

Fellows Committee
Robert Day, Cyntergy AEC
918.877-600
rday@cyntergyaec.com
Earl Groves, USACE
918.699.7397

Past President
Heather Tittjung, Conestoga-Rover
918.828.2424
httitjung@craworld.com

www.sba.gov