March Meetings

Young Member Drive Event
Friday March 9, 2007
Sponsor: MACTEC

ALL SAME MEMBERS & FAMILIES ARE INVITED TO ATTEND
You must buy your ticket in advance to get this $5.00 deal!
Tickets at the door will be $15 and do not include food or skybox seating.

The Details:
- We will meet at 8:30 a.m. at the Keystone Lake Project Office, then consolidate into pickups and/or SUV's to travel the remainder of the way. The office road is “down” the side of the dam just as you begin the drive onto the dam from State Highway 51– there is a big sing that reads, “Keystone Dam & Powerhouse” with an arrow pointing down the hill.
- Wear your gardening clothes and bring gloves and shovels and you also might want to throw in a picnic blanket or lawn chairs for the cookout following.
- Food and drinks will be provided by ALL Consulting, so bring your appetite for a good old fashion cookout!

Remember, all family members and friends are welcome!

Meeting Sponsors
Sponsorship opportunities are now available for 2007 meetings!
Please contact Sarah Markes, Programs Chairperson, to line up your company for one of these valuable networking opportunities. Typical sponsorship is $500 and provides lunch during the meeting. A portion of all sponsorships goes to the Education & Mentoring Fund. You will also be featured as the Spotlight Firm in the newsletter for that month.

Sarah.Markes@benham.com 918.599.4240
The Tulsa Post of SAME partnered with CoE Tulsa District to sponsor the Tulsa Regional Science & Engineering Fair held February 24-25, 2007. This is an annual event where students are recognized for excellence in the science and engineering fields. Deserving students were recognized on Sunday with awards presented by Justin Proctor, President of the Tulsa Post SAME and COL Miroslav Kurka, USACE-TD. Several SAME and USACE volunteers helped with the event: Chris Strunk, Carisa Ramming, Clif Warren, Adam Smith, Michelle Wilson, Catherine Williams, Cynthia Kitchens, and Liz Bashaw.

The U.S. Army and Society of American Military Engineers are proud to recognize these achievements!

**The winners are:**

**Engineering Category**, a freshman from Union Intermediate High School, - **Cole N. Webb** for his project “Insulation the great escape”

**Environmental Science Category (which includes Earth and Space Science)**, a freshman from Union Intermediate High School – **Tristin L. Stanalt** for her project “Oklahoma Tsunami”

**Mathematics and Computer Science Category**, a senior from Home School, - **Timothy C. Sheppard** for his project “Robotic Firefighter”

**Life Science Category**, **Austin J. Toppins**

**Physical Science Category**, a sophomore from Evangelistic Temple School – **John H. Woldum** for his project “The Golf Ball Experiment: Do Dimples Affect the Distance”

**Team Category**, sophomores from Grace Christian School, **Jason E. Stanton and Jonathon Michael** for their project “Hurricane Meltdown, Part II: Weakening Hurricanes with Large-Scale Dispersion of Liquid Nitrogen”

**The overall winners are:**

**John H. Woldum** for **third place** with his project “The Golf Ball Experiment: Do Dimples Affect the Distance”

**Timothy C. Sheppard** for **second place** with his project “Robotic Firefighter”

Both received a Society of American Military Engineers certificate and black polo.

**Jason E. Stanton and Jonathon Michael** for **first place** for their project “Hurricane Meltdown, Part II: Weakening Hurricanes with Large-Scale Dispersion of Liquid Nitrogen”

Who received the U.S. Army Bronze Medallion for Science and Engineering Excellence.

**Congratulations to all and thank you to our volunteers for representing SAME and USACE!**
Since its beginning in 1946, MACTEC has evolved into a leading engineering and design, environmental, and construction services firm that emphasizes technical excellence with personal service from a local office. Through strategic acquisitions in the past several years, the company has grown to 3,000 employees and 100 offices in over 30 states. Revenues place MACTEC at 29th among Engineering News-Record’s Top 500 Design Firms and at 30th among the Top 200 Environmental Firms nationwide.

With specialists in over 50 engineering and scientific disciplines, MACTEC provides a full range of services to over 7,000 private and public sector clients, including local, state, and federal government agencies. MACTEC Federal Programs, one of our three operating units, is tailored specifically to our federal clients.

Eighty percent of our federal work is for Indefinite Delivery Indefinite Quantity contracts, which require execution of simultaneous, multiple task orders. Because of our consistent performance in adhering to schedules and budgets and in developing practical engineering solutions, federal clients continue to utilize our many services. Since 1986, we have closed 73 prime and 60 subcontract agreements for the Department of Defense.

Our experience also includes extensive design and construction work on various national security and intelligence related assets. We have provided consulting services to both federal agencies and commercial clients in response to terrorist attacks in Washington, DC, and at the World Trade Center. Also, we have provided design and construction services for such security-sensitive projects as the Air Force One complex, Presidential Communications complex, National Command and Control facilities, National Maritime Intelligence Center, and various US Embassy upgrades.

MACTEC’s professional engineers, scientists, architects, quality auditors, technicians and support staff provide consistent, cost-effective, risk-managed services to our federal clients, no matter the project scope or location. In fact, our work for federal agencies has taken us to locations all over the world, including Africa, Asia, Central America, and South America.

Through innovative solutions, current technologies, top-notch expertise, and uncompromising quality, MACTEC helps our clients achieve their goals and objectives and meet the demands of today’s complex global marketplace.

www.mactec.com
Military Appreciation Night with the 66ers

Join the TulsaSAME Young Members Friday, March 9th at 7:00 p.m. as we "Have a Ball" at the Tulsa66ers Game at the Expo Square Pavilion! We are going to have a great time with food and drinks with reserved SKYBOX SEATING, sponsored by MACTEC!

SAME members will receive a special ticket rate of $5 and help support Blue Star Mothers at the same time. Purchase tickets by calling Angela Frew with ASSET Group at 918-491-4777 or e-mail her angelaF@assetgroup.com. Plus, purchase a $5 raffle ticket for your chance to win an iPod. Deadline for ticket orders is Thursday, March 1st. Blue Star Mothers will be on site to collect donations for our Soldiers. Make sure you stay afterward to participate in the Post-Game Autograph Session with 66ers players!

All new Young Members will receive a free 1-year membership. Any questions, call Angela at 491-4777 or email her at angelaF@assetgroup.com.

Questions? Call Angela with SAME at (918) 491-4777

Military Appreciation Night with the Tulsa 66ers
Friday, March 9, 2007
7:00pm
66ers vs. Austin Toros

Will Conroy
Tulsa 66ers

ORDER DEADLINE:
THURSDAY, MARCH 1, 2007

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**Tulsa Engineering Challenge**

The Tulsa Engineering Challenge (TECh) promotes science, math, and engineering in the community by providing hands-on activities for the creative youth of Oklahoma. During this one day event, 4th–12th grade students from all over Northeastern Oklahoma will compete for cash prizes and awards in various competition categories. The event will be held on **March 30th 2007** at Tulsa Technology Center’s Riverside Campus. Registration closes March 23rd. For more information visit [www.tulsaengineer.org](http://www.tulsaengineer.org) and click on the Tulsa Engineering Challenge tab.

*Get your kids involved! Get yourself involved!*

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**The Tulsa Post of the Society of American Military Engineers (SAME) is pleased to announce plans to award two $1,000 Justin Noyes Scholarships**

to senior high school students who intend to earn a degree in engineering, biological science or physical science. This year begins the naming of our annual scholarships in honor of Marine Sergeant Justin Noyes, an American Hero, who fought and died while serving our country in Fallujah, Iraq. Named for a remarkable young man who was fiercely dedicated to the service of our Nation, the scholarships recognize students whose accomplishments; associated with scholastic abilities, leadership and love of country; are honored by SAME and mirror the achievements of Sergeant Noyes.

Please promote this scholarship with your family, friends and coworkers. Packages have been sent out to local high schools and ROTC programs. Don’t let a deserving student miss this chance!

*Applications must be postmarked by April 6, 2007*

For more information please go to [www.same.org/Tulsa](http://www.same.org/Tulsa) or contact Gene Lilly at Douglas.E.Lilly@usace.army.mil or 918-669-7196.

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**Annual Tulsa Post Scholarship Golf Tournament**

This year’s tournament will be held Tuesday **June 5th** at the Cherokee Hills Golf Club in Catoosa. We will be combining this event with our monthly SAME meeting for June. The meeting will be moved up to 10:30 am at the COE building followed by lunch, details to be announced. It’s just a quick drive down Hwy 412 to Catoosa for registration and some practice swings. Shot gun start at 1:30 with award dinner to follow.

Remember, proceeds go directly into the Education and Mentoring Fund for local scholarships and more! Please plan on taking part in this worth while cause & earmark your sponsorship dollars now! There are numerous opportunities to sponsor. All levels of golfers are welcome. We raised a record amount of money last year, over $9,000.00!

*We couldn’t do it without YOU!*

For sponsorship opportunities please contact Angie Sparkman at asparkman@cherokee-crc.com

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**SAME Member Alert!**

SAME’s transition of Individual Members to the new Association Management System (AMS) has been delayed. All SAME Individual Members will receive a new SAME Member ID number in February. New members who joined October through December, 2006, will receive their membership card in February. Please accept our apologies for the inconvenience.

*For assistance with your individual membership needs during this transition, please contact the SAME Membership Department at 703-549-3800, ext. 123. For help with Sustaining Membership needs, please dial 703-549-3800, ext. 121. Thank you for your patience during this transition period.*
**SAVE THE DATE**

**SAME 2007 Joint Engineer Education & Training Conference & Expo**

**Hosted by Philadelphia Post**

**May 1-4, 2007**

**Pennsylvania Convention Center**

**Philadelphia, PA**

**www.phillysame2007.org**

Flyer available at www.same.org/tulsa

**Future Work & Industry Partnering Symposium**

**Hosted by Tulsa & Arkansas Post**

**April 3-5, 2007**

**Peabody Hotel**

**Little Rock, AR**

Flyer & Registration form available at www.same.org/tulsa

If you would like me to send a flyer for these events directly to you, please contact me at asparkman@cherokee-crc.com

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**PE Exam Study Sources**

Oklahoma exams for becoming a Registered Professional Engineer are given in October and April. First-time examinees information and requirements are found at: www.pels.state.ok.us. Another site with information is: www.els-examreg.oklahoma.php

The University of Missouri-Civil Engineering Department is sponsoring an on-line PE Exam Review for the NCEES Exam given each April and October. This Exam Review is for Degreed Engineers who want to become a Registered Professional Engineer in one or more states. Instruction is geared toward civil engineers with a B.S. degree from and ABET accredited college or equivalent. This Fall’s review will start in late August and continue until the Exam in late October. Registrations are now being accepted. You may see more information about this course and register at URL http://muconf.missouri.edu/cyberpe/

Oklahoma State University has published its Scheduled Courses through January 2007. Visit http://outreach.okstate.edu/courses.htm

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**AVAILABLE PE STUDY SOURCE MATERIALS**

- Civil Engineering Reference Manual for the PE Exam, 10th Edition
- Practice Problems for the Civil Engineering PE Exam: A Companion to the Civil Engineering Reference Manual, 10th Edition
- NCEES PE Civil Engineering Sample Questions and Solutions
- Civil PE Sample Examination
- Six-Minute Solutions for Civil PE Exam Environmental Problems
- Six-Minute Solutions for Civil PE Exam Geotechnical Problems
- Six-Minute Solutions for Civil PE Exam Structural Problems, 2nd Edition
- Six-Minute Solutions for Civil PE Exam Transportation Problems, 2nd Edition
- Six-Minute Solutions for Civil PE Exam Problems: Water Resources
- Six-Minute Solutions for Civil PE Exam Problems: Transportation
- Six-Minute Solutions for Civil PE Exam Problems: Water Resources

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**LOCAL LINKS TO PDH & CONTINUING EDUCATION UNITS WEB-SITES.**

- Oklahoma State University Continuing Education http://aep.ceat.okstate.edu/courses.asp
- University of Tulsa Continuing Engineering and Science Education http://www.cese.utulsa.edu/content.asp?id=9
- University of Oklahoma Continuing Education - Engineering and Geosciences http://www.engr.outreach.ou.edu/
- Tulsa Chapter of OSPE http://www.ospe.org/chapter.asp?org=1&chapter=11

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Tulsa SAME March 2007—6
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Sustaining Member Firms

- A & M Engineering & Environmental
- AMEC Earth & Environmental
- ARCADIS
- *Arthur Langhus Layne LLC
- *ASSET Group, Inc.
- Benham
- BKL, Inc.
- Black & Veatch
- Burns & McDonnell
- *Cabrera Services, Inc.
- *Cape Environmental Management
- CDM Federal Programs Corp.
- CH Guernsey & Company
- CH2M Hill
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- Cyntergy AEC
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- Ecology & Environment, Inc.
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- Enercon Services
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- Franvel Corporation
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- *Guy Engineering Services, Inc.
- HNTB
- *HydroGeoLogic, Inc.
- Lanier Perez Engineering Services
- LopezGarcia Group
- MACTEC Engineering and Consulting
- MWH
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- SAIC
- Severn Trent Laboratories
- Shaw Environmental & Infrastructure
- Stanley Consultants, Inc.
- *The Ross Group Construction Corp.
- Terranea PMC LLC
- Tetra Tech FHC
- Tulsa District USACE
- URS Corporation
- Wallace Engineering
- Washington Group International, Inc.
- Weston Solutions, Inc.
- Willbros Engineers, Inc.

*indicates Small Businesses
www.sba.gov