



SAME'S TULSA POST Newsletter

The Society of American Military Engineers

www.same.org/tulsa

March 2007

2007 PROGRAMS

March 3-

Tree Planting Community Service Project.

Location: Keystone Lake

Sponsor: **ALL Consulting**

March 9 -

Young Member Activity with Tulsa 66ers basketball team.

Sponsor: **MACTEC**

April 3-5 - Arkansas/Tulsa

Posts Small Business Symposium in Little Rock, AR

May 1-4 - The Joint Engineer Education & Training Conference & Expo in Philadelphia, PA

June 5 - 10:30 Meeting at CoE

1:30 Scholarship Golf Tournament Cherokee Hills

July - Summer Break

August 14 - District Commander to speak

September - Navigational Tour

October 9-11 - SAME Regional Conference in Ft. Worth, TX

November 13 - Emerging Technologies of the new Space Port being built in Oklahoma

December 4 - Holiday Social

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.



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 SKY BOX SEATING, sponsored by MACTEC!

See the flyer on the inside of this newsletter for more details!

March Meetings

Tree Planting Community Service Project & Cookout at Keystone Lake

This Saturday March 3, 2007

Sponsor: ALL Consulting



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 sign 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

Tulsa SAME Post accepts



all major credit cards!



Tulsa Regional Science & Engineering Fair



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, sophmores 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"

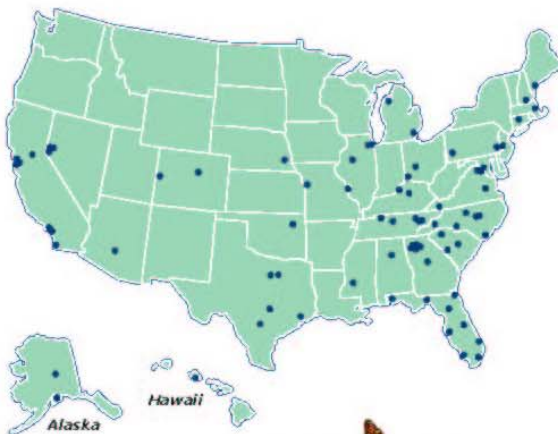
Who received the U.S. Army Bronze Medallion for Science and Engineering Excellence.

Congratulations to all and thank you to our volunteers for representing SAME and USACE!

SPOTLIGHT FIRM



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

SAVE THE DATE

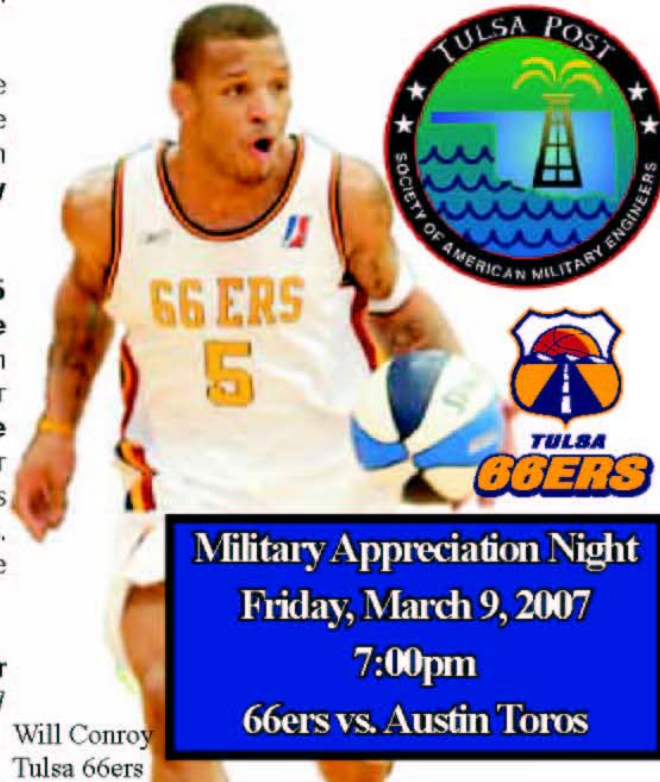


Military Appreciation Night with the 66ers

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 angela@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 angela@assetgroup.com.



Will Conroy
Tulsa 66ers

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

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

Military Appreciation Night with the Tulsa 66ers
Friday, March 9, 2007

Name: _____ Phone Number: _____

Address: _____ Check (SAME) Visa

Email Address: _____ MasterCard American Express

ORDER DEADLINE:

THURSDAY, MARCH 1, 2007

Credit Card Number

Exp. Date

# Tickets		Total
	Reserved Tickets @ \$5	
	TOTAL	

Signature _____

Please complete and fax to:
Angela Frew
(918) 491-4788

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 and click on the Tulsa Engineering Challenge tab.



Get your kids involved! Get yourself involved!

The Tulsa Post of the Society of American Military Engineers (SAME) is pleased to announce plans to award two

\$1,000 Justin Noyes Scholarships

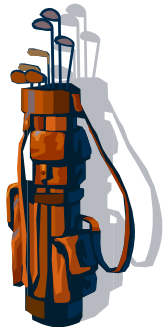
to senior high school students who intend to earn a degree in engineering, biological science or physical science. This year begins the naming of our annual scholarships in honor of Marine Sergeant Justin Noyes, an American Hero, who fought and died while serving our country in Fallujah, Iraq. Named 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 or contact Gene Lilly at Douglas.E.Lilly@usace.army.mil or 918-669-7196.

Annual Tulsa Post Scholarship Golf Tournament



This years 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. Shotgun 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 worthwhile 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

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

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.org/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 an 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>

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

<http://ppi2pass.com/ppi/PPIHome>

<http://ppi2pass.com/ppi/PPIPZ>

<http://www.ncess.org/>

<http://www.pels.state.ok.us/roster/index.html>

LOCAL LINKS TO PDH & CONTINUING EDUCATION UNITS WEBSITES:

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.jsp?id=9>

University of Oklahoma Continuing Education - Engineering and Geosciences

<http://www.engr.outreach.ou.edu/>

OKC Section of IEEE

http://www.ewh.ieee.org/r5/oklahoma_city/mtg2007.html

Tulsa Engineering Foundation

<http://www.tulsa-calendar.com/cogrid/search.asp?cogrid=12>

Tulsa Chapter of OSPE

<http://www.ospe.org/chapter.asp?org=1&chapter=11>

Sustaining Member Firms

A & M Engineering & Environmental

*Arial Data Service

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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Cowen Construction

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*Cherokee CRC, LLC

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Dewberry Design Group, Inc.

*Dynamic Corp.

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*EMR Inc.

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Franvel Corporation

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*HydroGeoLogic, Inc.

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Severn Trent Laboratories

Shaw Environmental & Infrastructure

*Standard Testing & Engineering Co.

Stanley Consultants, Inc.

*The Ross Group Construction Corp.

Terranear PMC LLC

Tetra Tech FHC

Tulsa District USACE

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*indicates Small Businesses

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