Spring 2014 Tulsa Post Newsletters

President’s Letter
Cindy Gran
President, Tulsa Post

Tulsa Post Members,

It has been a busy spring of SAME Tulsa Post events so far and hopefully you have had a chance to participate in one or more of our Post’s recent events.

Oklahoma LT. Governor Todd Lamb opened up our February Tulsa “Meet the Corps Day” event that was attended by nearly 300 large and small businesses interested in finding out the USACE Tulsa District contracting opportunities planned for FY15 as well as getting to know potential teaming partners from the A/E/C industry. Numerous USACE Tulsa District representatives were in attendance and met with many of the attendees. Much appreciation goes out to all of the speakers, sponsors, and attendees for making this event beneficial to everyone in attendance!

Tulsa Post members were also involved in several additional events this spring such as:

- Engineers Week MATHCOUNTS East-Central Regional Competition
- Tulsa Engineering Foundation (TEF) Student/Professional Breakfast
- Onsite Lake Keystone Bridge Brief and Site Tour Technical Program presented by Kiewit
- Learning about the Oklahoma Medical Reserve Corps (Readiness) and their role in local and national disasters/emergencies and how to become a volunteer, which Robert Day with Cyntergy AEC presented and is a current volunteer team member of the Oklahoma Medical Reserve Corps
- The annual SAME Tulsa Post Young Member, Members, and Fellows event at Tulsa OneOK baseball field.

Thank you to everyone who provided their time, effort, sponsorship, and attendance for each Tulsa Post event to date. Our Post is successful as a result of the outstanding involvement of our members!

Finally, there are several not to miss events scheduled for May and June, and they are:

May 20th — Columbus AFB Runway Reconstruction presented and sponsored by Mead & Hunt.
June 7th – Annual Community Service Event helping at the Community Food Bank of Eastern Oklahoma
June 26th – Tulsa and OKC Posts Joint Meeting/Event: Presenter Col. Pratt at Rose State College

For details on the above planned May and June events and all Tulsa Post events, watch for details provided in member email blasts and posts on our website http://posts.same.org/tulsa/

I look forward to seeing you at our next meeting!

Cindy Gran, SAME Tulsa Post President
<table>
<thead>
<tr>
<th></th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
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</thead>
<tbody>
<tr>
<td>EVENT &amp; DATE &amp; TIME</td>
<td>05/20/2014 11:30 am—1 pm Columbus AFB Runway Reconstruction</td>
<td>06/07/2014 9:30 am—11:30 am Community Service Event: Community Food Bank of Eastern Oklahoma</td>
<td>06/26/2014: 11:30 am—1 pm Col. Richard Pratt, Tulsa District Commander: Tulsa District and Programs</td>
<td>08/26-28/2014 2014 Texoma and Missouri River Region Joint Engineer Training Symposium (JETS)</td>
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<tr>
<td>LOCATION</td>
<td>Tulsa District Room 210</td>
<td>Community Food Bank Eastern Oklahoma: 1304 N Kenosha Ave, Tulsa, OK 74106</td>
<td>Rose State College, Raider Room (student center), 6420 SE 15th St, Midwest City</td>
<td>Fort Leonard Wood, MO</td>
</tr>
<tr>
<td>INFO</td>
<td>No RSVP required. Everyone is welcome!</td>
<td>Must RSVP to Sara Kellert: <a href="mailto:skellert@arrowheadprecast.com">skellert@arrowheadprecast.com</a> Additional details to follow!</td>
<td>No RSVP required. Everyone is welcome! Campus map on the next page</td>
<td>See this newsletter for additional info</td>
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**Mark Your Calendars - Save these Dates**

**Join SAME:**
http://www.same.org/index.php/membership/join-same

**Lapsed SAME Membership?**

**We want you!**

**No SAME Membership?**

**Be a leader! Make a difference!**
Tulsa Post and OKC Post Joint Meeting – June 26
2014 Texoma and Missouri River Region Joint Engineer Training Symposium (JETS) @ Fort Leonard Wood, MO

Registration is now open!
Link for the registration:

Registration Form

See the symposium flyer on the next page.
**SYMPOSIUM INFORMATION**

**Date:** 26-28 August 2014  
**Location:** Fort Leonard Wood, Missouri  
**Registration Website:** [www.flwsame.com](http://www.flwsame.com)  
**Theme:** Earth, Wind, Fire and Water. Response to Natural Disasters  
**Attire:** Business Casual/Service Equivalent  

**Purpose:** Our theme for this year’s Symposium is, “Earth, Wind, Fire and Water: Response to Natural Disasters.” Within our seven-state bi-regional area we have four states (Texas, Oklahoma, Arkansas and Missouri) that rank in the top ten for the greatest number of natural disasters. The need for firms with disaster preparedness, response and recovery experience/capabilities is growing. With dwindling DoD budgets, it is time to explore this business market for potential new clients and opportunities.

**Attendees:** Attendees include active and retired military engineers, project managers and corporate executives, Federal and State agency officials and private sector experts to bridge the gaps between critical stakeholders to advance the field of engineering and help secure our nation. We anticipate over 300 attendees at the JETS event, thus providing an excellent venue to identify emerging requirements and developing technologies.

**Program:** SAME will host a two-day industry exhibition, technical briefings and a tour of Fort Leonard Wood First Responder Facilities. Additionally we offer 10 PDHs toward annual professional certification requirements.

**Travel:** Fort Leonard Wood is located in the heart of the Missouri Ozarks about 90 miles east of Springfield, Missouri and 140 miles west of St. Louis on Interstate 44. The installation is serviced by three major Missouri airports (St. Louis, Springfield and Branson). Travel information to Fort Leonard Wood by automobile and by service carrier can be found at the registration website.

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### Day 1 - Tuesday, August 26th

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:00 AM-7:00 PM</td>
<td>Registration – Nutter Field House</td>
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<tr>
<td>10:00 AM-5:30 PM</td>
<td>Exhibitor Setup – Nutter Field House</td>
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<tr>
<td>12:00 PM-5:00 PM</td>
<td>Social Event I (SE-1): Golf Scramble/ Lunch – Piney Valley Golf Course</td>
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<tr>
<td>6:30 PM-8:00 PM</td>
<td>Social Event II (SE-2): Icebreaker Social/ Exhibit Opening – Nutter Field House</td>
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### Day 2 - Wednesday, August 27th

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 AM-5:00 PM</td>
<td>Registration – Nutter Field House</td>
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<tr>
<td>7:00 AM-8:00 AM</td>
<td>Continental Breakfast I (CB-I) – Nutter Field House</td>
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<tr>
<td>8:00 AM-9:45 AM</td>
<td>General Session I (GS-1) – Abraxis Theater Welcome Opening Ceremony (National SAME Officer/TLW Leadership/IVPs)</td>
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<tr>
<td>9:45 AM-10:30 AM</td>
<td>Break I (B-1): Exhibit Hall, Nutter Field House</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>General Session II (GS-2) – Abraxis Theater Lessons Learned from Recent Disasters (Mayors from Joplin, Moore, Waynesville, Branson and FLW)</td>
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<tr>
<td>12:00 PM-12:15 PM</td>
<td>Movement to USO Club</td>
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<tr>
<td>12:15 PM-1:15 PM</td>
<td>Luncheon I Luncheon Address (LA-1) – USO Club</td>
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<tr>
<td>1:15 PM-2:00 PM</td>
<td>Technical Session I (TS-1) – Track I: Earth/Wind – Abraxis Theater</td>
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<tr>
<td>2:00 PM-3:30 PM</td>
<td>Track II: FLW Site Tour – Fort Leonard Wood</td>
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<tr>
<td>3:30 PM-4:00 PM</td>
<td>Technical Session II (TS-2) – Track II: Fire/Water – Abraxis Theater</td>
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<tr>
<td>4:00 PM-5:30 PM</td>
<td>Track III: FLW Tour – Fort Leonard Wood</td>
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<tr>
<td>6:00 PM-9:00 PM</td>
<td>Social Event III (SE-3): Great Engineer Trivia Hunt/ Young Member Event/ BBQ – Museum</td>
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### Day 3 - Thursday, August 28th

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<th>Time</th>
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<tr>
<td>7:00 AM-8:00 AM</td>
<td>Continental Breakfast II (CB-2) – Nutter Field House</td>
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<tr>
<td>8:00 AM-9:30 AM</td>
<td>General Session III (GS-3) – Abraxis Theater Preparing for the Next Big One</td>
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<tr>
<td>8:30 AM-10:30 AM</td>
<td>Break TV (B-4): Exhibit Hall – Nutter Field House</td>
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<tr>
<td>8:30 AM-10:30 AM</td>
<td>RFP &amp; Post Leaders Meeting – Nutter Field House</td>
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<tr>
<td>10:30 AM-11:00PM</td>
<td>General Session IV (GS-4) – Abraxis Theater</td>
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<tr>
<td>10:30 AM-11:00PM</td>
<td>Contracting Opportunities Support Disaster Preparedness, Response and Recovery</td>
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<tr>
<td>12:00 PM-12:30 PM</td>
<td>Closing Remarks/Adjournment – Abraxis Theater</td>
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<tr>
<td>12:30 PM-1:00 PM</td>
<td>Exhibit Tear Down – Nutter Field House</td>
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The U.S. Army Corps of Engineers Tulsa District hosted the March meeting for the Tulsa Post and its members at Keystone Dam where the deck and support structure of the Highway 51 Bridge over the dam is being replaced. This was the second time that Tulsa Post had an opportunity to tour the project site. First tour and an overview of the project was provided in October 2013 before the demolition of the old bridge started.

The March tour started with a project progress briefing and updates by Tulsa District’s employees Christopher Strunk, senior structural engineer, Engineering and Construction, and Michael Nance, senior construction engineer, Tulsa Resident Office. Strunk and Nance gave an overview of the project and discussed the features and design considerations of the original superstructure and the new superstructure.

A notable feature of the replacement work is Kiewit’s use of a Gantry Crane from Equipment Fabricators, Inc., which was built on the bridge and is moved across the structure along rails that were added to each side of the bridge. The use of this type of crane for this project is necessitated by the fracture critical nature of the existing structure; the 50-year-old bridge simply can’t sustain the weight of a traditional crane. The Gantry Crane can lift the bridge decks and then move along the rails and deposit them onto a waiting flatbed truck for removal. Before the crane can lift these decks, a giant concrete saw called “The Beast” cuts the decks apart. The blade is water cooled to contain the dust and then workers vacuum up any debris.
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Gantry Crane from Equipment Fabricators, Inc., was built on the bridge and is moved across the structure along rails that were added to each side of the bridge.

The group watched as the impressive 6-foot blade cut through the concrete deck.

Brig. Gen. Anthony Funkhouser with his wife were the surprise honorary guests of the tour. Brig. Gen. Funkhouser is the commandant of the U.S. Army Engineer School and Regiment at Ft. Leonard Wood, MO.
Robert Day of Cyntergy presented “Oklahoma Medical Reserve Corps (Readiness)”. Robert “Bob” Day provided a presentation on how the program prepares volunteers and professionals to provide assistance to the first responders, medical personnel, Corps personnel, FEMA, Homeland Security, or others that are coordinating the government's response to the situation. The presentation will provide highlights of the required training, how it fits with the SAME Readiness/Fast Start Program, how it works with the Corps of Engineers, and also how it can help each person get their own family ready to act safely and responsibly, whether or not you decide to be a volunteer.

The Oklahoma Medical Reserve Corps is designed to bring together practicing and retired healthcare professionals from a diversity of fields, including physicians, nurses, hospital and public health workers, mental health experts, and other medical professions. In addition, volunteers without a background in medical training are involved. These professionals, working together with the non-medical volunteers, comprise the corps, which supplements existing “first responder” emergency systems. The Oklahoma Medical Reserve Corps (MRC) originally consisted of four separate Medical Reserve Corps (MRC) programs; these were combined into one statewide program in 2004. Since that time, the OKMRC has expanded to include 33 local units, and over 3,200 volunteers.

The meeting was sponsored by Cyntergy AEC (see the full page ad next page). Thank you Cyntergy!
ARCHITECTURE | ENGINEERING | CONSTRUCTION SERVICES

Established in 1997, based in Tulsa, and licensed across the US, Cyntergy AEC's staff is composed of architects, all engineering disciplines (civil, structural, mechanical, fire protection, electrical), and construction management professionals. Cyntergy is a SMALL BUSINESS with impressive experience at a large number of military installations, which results in a staff knowledgeable in almost every project type the military requires. With in-house, multiple discipline engineering, architecture and construction management groups, these teams have mobilized and performed under tough schedules and many complicating factors, including having to coordinate multiple project task orders on multiple installations simultaneously. Cyntergy thrives on this type of work and prides itself on the ability to scope any type of military project quickly and professionally.

PROJECT EXPERIENCE
- Administration Facilities
- Airfield & Pavement
- Arms/Ordinance
- JTF
- Barracks/Dormitories/Housing
- Child Development Facilities
- Courtrooms
- Engine Test Facilities
- Fire Protection
- Firing Ranges
- Flight Simulator Facilities
- Fueling
- GIS
- Hangars
- Hardstands
- Hazardous Material

- Handling & Disposal
- Kitchen/Dining/Break Rooms
- Maintenance Facilities
- Medical Facilities
- Parking
- Religious Facilities
- Traffic Improvements
- Training Facilities
- Water Treatment
- Working Dog Facilities

MILITARY BASE EXPERIENCE
- 138th FW, OKANG
- Altus AFB
- Dover AFB
- Fort Leonard Wood
- Fort Polk
- Fort Riley
- Fort Sill
- Little Rock AFB
- McAlester Army Ammunition Plant
- NAS Fallon
- NAS Lemoore
- NAS Mugu
- NAS New Orleans
- Offutt AFB
- OMD Norman
- OMD Stillwater
- OMD Tulsa
- Randolph AFB
- Sheppard AFB
- Tinker AFB
- Vance AFB

Robert Day, PE, BCEE, NCES, ESAME
nday@cyntergy.com | 918.877.6000
www.cyntergy.com
Young Members, Fellows, and Mentors Baseball Event – May 1, 2014

The Arkansas Travelers kept on rolling on a pleasant May evening with a 7-2 victory over the Tulsa Drillers at ONEOK Field for their fourth straight win. The Tulsa Post's annual young member, fellows, and mentors baseball event and picnic was held on May 1st.

Brad Bump, YM Chair and the event organizer reported a total of 113 attendees at the YM Event, including 23 JROTC friends and family! What a huge success! See the next page for our sponsorship information.
Young Members, Fellows, and Mentors Baseball Event – May 1, 2014

You’re Invited
SAME Tulsa Post’s Young Members & Fellows

Tulsa Drillers vs TRAVELERS

Thursday, May 1 at 6:00 pm
OneOk Field Osage Casino Picnic Pavilion
We’ll enjoy an all-you-can-eat meal before the game begins
Open to all SAME Members and Guests
Hope you’ll join us for the fun!

Please RSVP by Monday, April 21 to Brad Bump at 918-585-8555 or bbump@themcintoshgroup.com
to reserve your meal and game ticket.

Limited quantity of Free tickets

All new SAME young members (age 39 and under) attending this event
will receive a Tulsa Post one-year young member membership!

Thanks to our sponsors and the volunteers!

A big shout-out to Brad Bump, YM Chair, for all the coordination and arrangements!
Mead & Hunt presented “Columbus AFB Runway Reconstruction” in Columbus, MO. Using innovative design, sustainable practices, and detailed construction phasing, Columbus Air Force Base, with the help of Mead & Hunt engineers, replaced the base’s primary asphalt/concrete center runway (Runway 13C/31C) within an aggressive 6-month construction schedule, saving over $5 million in construction costs in the process. Columbus AFB is one of the busiest airfields in the Air Force, supporting over 56,000 pilot-training sorties per year, and is dependent upon the 1958 runway. Due to significant deterioration, a fast-track design and construction schedule was executed to replace the existing runway, minimize down-time, and allow two adjacent runways to remain fully operational.

Mead & Hunt developed 12 alternative pavement sections to facilitate the optimal solution to support the mission, provide long-term value, and meet the budget and stringent schedule. The design encompassed full-depth removal and replacement of the 10,000-foot by 300-foot asphalt center, two 2,500-foot by 75-foot concrete keel sections, two taxiway connections, and an underdrain system. Innovative design utilized fabric instead of an aggregate separation layer, accounting for the $5 million savings. Columbus AFB, Mead & Hunt, and the contractors collaborated to develop a construction phasing schedule with an adequate 6-month pre-construction period, keeping runway closure to only six months.

The program was sponsored by Mead & Hunt. Thank you!
See full page ad on the next page.
May 20, 2014 Meeting Sponsor Spotlight Firm

MEAD & HUNT
CORPORATE PROFILE

WHO WE ARE:

Mead & Hunt is an employee-owned architectural and engineering firm with nearly 400 professional, technical and support staff in more than 20 offices nationwide. We have been serving clients in both the public and private sectors since our founding in 1900.

INNOVATIVE:

To meet our country's aggressive and changing needs, Mead & Hunt is continually expanding to offer innovative engineering and design services to meet a multitude of challenges. Annually, we are nominated for and win industry and trade awards for the creative solutions we provide clients.

RESPONSIVE:

Effective and responsive service is what we provide. Strong two-way communication is imperative to the success of our projects. We place the utmost importance on listening to and understanding our clients' needs; together, we determine the best possible solution. The depth of our staff allows us to complete many projects simultaneously and keep projects on schedule and budget.

ADAPTABLE:

Mead & Hunt is a nimble organization, able to adapt to the changing world in order to remain a successful business.

GROWING:

Mead & Hunt is one of the largest architectural and engineering firms in the nation. Our company has ranked as a top 500 A/E design firm in Engineering News-Record for several years running. Engineering News-Record also ranked Mead & Hunt in their list of the "Top 25 in AEC/Finance." In addition, Mead & Hunt is recognized on The Zweig Letter Hot Firm List as one of the top 100 fastest growing A/E firms. The Zweig Letter also designated Mead & Hunt as a "Five Star Client" - only four other firms in the country were awarded this top honor. Also, we were ranked in the top 10 "best civil engineering firm to work for" in the nation by CE News magazine.

EXPERIENCE:

Our record of successful project execution and ability to provide community and quality of services is important. Our multi-discipline teams provide top-of-the-line architecture, engineering and scientific solutions for the most challenging projects. Mead & Hunt's principals are highly qualified, dedicated and fully involved in providing experienced leadership in undertaking any project.

What we do best:
- Municips and civil engineering
- Water resources engineering
- Architecture
- Transportation
- Environmental projects
- GIS and mapping
- Historic preservation
- Airport planning and engineering
- Industries and food facilities
- Military facilities

Point of Contact:
Ulleskun Kuris, PE, PMP | Business Unit Leader - Water Resources
Mead & Hunt, Inc.
1011 E. 16th Street, Tulsa, OK, 74120
Phone: 918-286-5064
Mobile: 918-740-7162
Email: ulles.kuris@meadhunt.com
www.meadhunt.com
The Tulsa Post awarded $1,000 to the Will Rogers JROTC program. $750 individual scholarships were awarded to the following stellar recipients:

Dartanion Tilley
Michael Williams
Darien Tilley
Juana Villasana

Dan Epperly of Tulsa Post presented the scholarships.

Left to Right: Juana Villasana, Dartanion Tilley, David Epperly, Darien Tilley, Michael Williams

Congratulations!
SAME Engineering & Construction Camps
2014 Scholarship Winners!

Tulsa Post awarded two scholarships for the SAME Engineering and Construction Camps:

- **Army Camp**: Landon Burleson, Rogers High School and member of the Rogers JROTC Program
- **Air Force Academy Camp**: Ethan Stringer, Owasso High School

Congratulations!

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
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—Tulsa Post Facebook Page**: Go “like” us!!!
  http://www.facebook.com/pages/SAME-Tulsa-Post/128934930938

- **SAME National on Twitter**: http://twitter.com/same_tme

- **SAME National’s weekly digest blog “Bricks and Clicks”**: www.same.org/blog