

The Bridge



VOLUME 10, ISSUE 2

MARCH 2010

17th Career Day Canceled - Postponed?

The 17th annual Engineering Career Day was scheduled for February 18, 2010. Unfortunately due to the severe winter weather we have experienced in our area, the Career Day Committee decided to cancel the event. The committee is discussing whether to actually cancel all together for this year, or possibly to postpone the event to later in the spring. If you have any suggestions, please let our co-chairs know. The co-chairs for this year's event are Beth Hull at 304-399-5098 or Chris Blevins at 859-744-1218.

This half-day event involves 135 of southern Ohio's, eastern Kentucky's, and southeastern West Virginia's top high school sophomores who have an interest in engineering and science. During the morning, students meet with professional engineers and scientists to learn about a variety of engineering and science career-oriented subjects, and to discuss the cur-

riculum required in high school to prepare for engineering and science courses in college. The morning activities culminate with a luncheon featuring a keynote speaker. During the luncheon, the Huntington Post presents four \$1000 scholarships to high school seniors planning to pursue a degree in engineering and one MU student who is currently enrolled in the program.

Engineering is a career vital to the growth of our region and the nation; yet, current estimates show that less than ten percent of graduating high school seniors has the background desirable for majoring in engineering in college. The Huntington Post and Marshall University works hard to ensure that our Engineering Career Day will stimulate an interest in engineering that will reinforce the desire of students to take the courses in high school that will allow them to choose engineering as a college major.

Post Wins Streamers

The Huntington Post placed submissions to SAME Headquarters for 2009 national streamers for all 4 categories by the deadline of February 1st. The streamer submission were for:

- Education and Training **(WON)**
- Outreach and Communication **(WON)**
- Readiness and Homeland Security
- Relationships and Recognition **(WON)**
- Membership **(WON)**

Each of the streamers have specific criteria that must be met for the streamer to be awarded. If the Post wins all 4 streamers it will be designated as a "Distinguished Post" which only occurs to about 10% of all Posts. The streamers will be presented to the winning Posts at the National Conference in Atlanta in May. Thanks to Chris Blevins, Mike Fitzwater, Mark Kessinger and David Meadows for working so diligently on documenting how the Post met each of the streamers' criteria.

\$\$\$ Change in Lunch Prices

As a continued benefit to our membership and guests, all of our lunchtime meetings provide a catered meal. But starting with January's luncheon the new rates will be in effect. Keep in mind that the Post does not make any profit from the luncheons.

- \$5 - Students (no change)
- \$10 - Members
- \$12 - Non-members

Vic's Ivy Cuisine remains our quality food provider for our luncheons.

Lunch is not required to attend and listen to the speaker. But if you are coming for lunch please RSVP.

If you have any questions regarding the lunch, please contact our Sergeant-at-Arms, Mr. Mike Fitzwater at (304) 399-5933

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UPCOMING POST EVENTS

- Mar 9 - Post Meeting
- Apr 13 - Post Meeting
- May 11 - Post Meeting
- Jun 8 - Post Meeting
- Jun 13 -18 - EEAE @ Marshall University
- Fall - Golf Outing
- Dec 4 - Dinner Dance

Remember monthly meetings are on the 2nd Tuesday of each month. Put it on your calendar as a recurring reminder!

Overview of Stream Restoration

The design of streams using natural channel design methods is a complex process relying heavily on the use of field measurements. In order to properly design a stream, the designer must understand and measure geomorphic parameters within the project reach, have a thorough understanding of the watershed, and must verify that the designed stream will transport sediment without significant aggradation or downcutting of the existing channel bed.

This presentation will include a discussion of Fluvial Geomorphology, the science behind stream restoration, and will discuss popular restoration ap-

proaches and procedures. Emphasis will be given to new state of the art stream bed and bank treatments and their applications. In addition a case study of a stream restoration project will be presented.

J. George Athanasakes, P.E.

George Athanasakes has a broad range of experience in Ecological Restoration including the use of natural channel design, stream and wetland restoration, watershed master planning and dam removal. For over 15 years, George has served as Project Manager on numerous stream restoration projects throughout the United States. George also led the development of the RIVERMorph Stream Restora-

tion Software and is responsible for software content, new releases and training.

George serves as the Ecosystem Restoration Services Leader for Stantec and is responsible for leading Ecosystem Restoration for the firm throughout the United States. George holds Bachelor's of Science and Master's of Engineering Degrees from the University of Louisville. He is also a Registered Professional Engineer in several states.

The March monthly meeting is scheduled for March 9 on the 3rd floor of the Cabell County Main Library located at 455 9th Street in Huntington, WV. Meeting will begin at 1130 with lunch following. Our speaker will begin at noon. *Lunch is \$5 for students, \$10 for members and \$12 for non-members.* Make your reservations with Mike Fitzwater at Gary.M.Fitzwater@usace.army.mil or (304) 399-5933.

PDF Certificates for all luncheons are available by contacting Dave Meadows at David.F.Meadows@usace.army.mil.

Younger Members, Corey Weaver, Chair

I first want to thank you all for trusting me to chair for our Young Members. We see ourselves as not only the future of this organization, but also the present. We are an active group and need more young members to get involved.

I want to encourage employees 35 years

old and younger to consider the opportunities membership in SAME offers you: networking, professional development, supporting worldwide developments in your profession, group support of local charities.

Contact me with any new prospects.

MU Student Chapter, Andrew Copley, President

The Marshall University Student Chapter of SAME Huntington Post hosted a wonderful conference in January. We hope everyone in attendance enjoyed the speakers and plans to return next year!

If you have any suggestions for tours,

speakers, or activities for our post, please let me of one of the other Chapter officers know about the opportunities. We need your help to grow.

Contact Andrew Copley, Chapter President, for reservations and more details.



Sustaining Member of the Month - Palmer Engineering

Palmer Engineering is a mid-sized consulting engineering firm specializing in transportation, civil, and structural engineering and precision surveys. With headquarters in Winchester, Kentucky, Palmer Engineering has branch offices in Hurricane, West Virginia; Cincinnati, Ohio; Nashville, Tennessee; Louisville, Kentucky; Orlando, Florida; and Columbia, South Carolina.

Since 1969, Palmer Engineering has offered professional engineering services to a wide variety of governmental, commercial, industrial, and institutional clients throughout the southeastern and midwestern United States. Palmer is proud of its past record for on-time completion of projects and

specializes in those projects with particularly challenging design or schedule parameters.

Expertise includes:

Design of highways, roads and streets

Design of bridges and culverts

Bridge inspection services

Environmental services – including EIS writing and coordination, Phase I site assessments, aquatic and terrestrial ecosystem analysis, highway noise, air quality analysis, socio-economic analysis, historic/

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SOCIETY OF AMERICAN MILITARY ENGINEERS



News From the President, *COL Robert D. Peterson, Post President*

Hello everyone. First I would like to thank Ralph Norman for his leadership to the Post Chapter last year. We have a great reputation throughout the National Chapter in SAME and our accomplishments last year were too numerous to list here. This is a direct reflection on Ralph and all the other officers and members of our outstanding Huntington Post. Well done!

Our big event for February, Engineer Career Day at Marshall University, had to be postponed due to the rough weather we have experienced with the Huntington area and beyond. Our committee

is currently discussing the options for a future date in the spring.

It was great sharing lunch with all of you in January and meeting all of this year's new Post officers. I'm honored to serve as your President this year and look forward to working with all of you in making another successful year of memories and achievements.

COL Bob Peterson

Sustaining Member of the Month - Novel Geo-Environmental

Novel Geo-Environmental, LLC (NGE), an 8(a) Certified, full-service environmental and geotechnical consulting firm, continues to expand their services by providing environmental construction, remediation, and operation and maintenance services. Led by a management team that averages over 15 years of experience, NGE provides quality geotechnical and environmental services to industrial based clients and a small sampling of public sector clients. Our management staff includes professional engineers, geologists, consultants, construction managers, and foremen with experience in a broad range of technical disciplines.

With offices located in Pennsylvania and West Virginia, NGE performs the majority of our work with our in-house, OSHA 40-hour trained field staff, construction equipment operators, and field tech-

nicians. The result is the implementation of safe, efficient, and cost effective environmental solutions.

NGE's staff takes pride in the quality of work performed for their clients. Areas of expertise include:

Environmental Consulting

Geotechnical Engineering

Environmental Construction and Remedial Services

Construction Monitoring

Materials Testing

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www.same.org/huntington

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prehistoric archaeological studies, and cultural analysis

Planning reports and capacity analysis of highways and intersections

Traffic engineering and transportation services – including urban transportation planning and travel demand forecasting, traffic impact analysis, traffic simulations, interchange justification studies, corridor access management, context-sensitive solutions, highway capacity analysis, feasibility studies, advanced planning reports, traffic counting services, and bicycle planning services

Industrial park development

Commercial and residential development

Supply, treatment, and distribution systems for potable water

Sanitary sewer collection and treatment

Stormwater management

Surveying services – including land and cadastral surveys, horizontal and vertical control for photogrammetric mapping, precision surveys for instrumentation and settlement analysis, GIS, GPS

Corridor studies for utility systems

CADD services

3D and 4D computer-generated visualizations

Reclamation of abandoned mine lands

While you're browsing the web, stop by www.palmetto.com for a visit!



Does your firm have a special announcement or promotion of a member? Contact Dan Bailey, Post Secretary, for inclusion in an upcoming issue of "The Bridge".

Phone: 304-399-5824

Fax: 304-399-5136

E-mail: Daniel.S.Bailey@usace.army.mil

Visit us on the web at:

[www.same.org/
huntington](http://www.same.org/huntington)

SUSTAINING MEMBER FIRMS

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McTech Corporation
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Stanley Consultants
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The Society of American Military Engineers -

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Huntington Post Board of Directors - 2010

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(Ex-officio)			

Huntington Post Academy of Fellows

Mrs. Luthella Clinton (2000)	Mr. David F. Meadows, P.E., PS (2000)
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Mr. Earnest "Mack" M. McCarty Jr., PLS (2009)	Ms. Lenora L. Sutphin (1999)