

The Bridge



VOLUME 10, ISSUE 1

JANUARY 2010

Largest Crowd Ever Attends Holiday Dinner Dance

The Huntington Post's 15th Annual Holiday Dinner Dance was held on Saturday, December 5, 2009 at the Marshall University Memorial Student Center. 130 people attended the year-end celebration making it the largest crowd ever. The cocktail hour began at 6:30 pm, dinner began around 9:00 and the dance went until midnight. This was the sixth year the event was co-sponsored by the Marshall University College of Information Technology and Engineering. Also, for the sixth year in a row our band was Big Planet Soul who kept everyone dancing until the end.



Guests had 3 dinner choices: carved roasted sirloin, sautéed chicken with sundried tomatoes and mandarin orange glaze, and baked ravioli in marinara sauce, and dessert was warm chocolate lava cake.

The event was made possible through generous support of several of our Sustaining Members.

Gold-level sponsorship: *DLZ National, Eastham & Associates, and Triad Engineering*

Silver-level sponsorship: *Burgess & Niple,*
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2010 Post Officers

The 2010 Post officers will take their positions this month. The following selections were made during the December Post meeting. These members are your representatives, stay up-to-date and let them know how you want YOUR Post to operate.

- President Colonel Robert Peterson
- Vice President Kenneth Woodard
- Treasurer Sandra King
- Secretary Daniel Bailey
- Assistant Secretary Patricia "Pat" Wagner
- Sergeant at Arms Gary "Mike" Fitzwater
- Publicity April Brenneman
- Membership Cheryl B. Fitzwater
- Chaplain Ron Eastham
- Young Members Chair Corey Weaver
- Director (2010-2011) Coy Miller
- Director (2010-2011) Jeff Huffman
- Director (2009-2010) Lee Poplin*
- Director (2009-2010) Christopher Blevins*
- Director (2010 Ex-officio) Ralph Norman*

*Not elected this year

\$\$\$ Change in Lunch Prices

Well the time has come for us to enact an increase in the monthly lunch prices. We have kept our lunch rate very low and consistent for the last several years as a benefit to our membership. But starting with this month's luncheon the new rates will be in effect. Keep in mind that the Post does not make any profit from the luncheons. This is a service to our members and guests.

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

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

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

- Jan 12 - Post Meeting
- Jan 28 - MU Student Chapter Winter Technical Conference
- Feb 18 - Career Day
- Mar 9 - Post Meeting
- Apr 13 - Post Meeting
- May 11 - Post Meeting

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

An Alternative for Solid Waste Management During Emergencies

Waste management during large-scale disasters such as hurricanes, earthquakes, regional flooding, etc. has traditionally been difficult. Poor waste disposal options during these events pose significant health, environmental and economic risks. As waste management infrastructure is often adversely affected during these events, traditional options are not available, often allowing waste to accumulate with subsequent increase in odor, disease vector, migration, and related issues. A new method of waste disposal and collection developed in Argentina and Brazil for developing

regions offers a potential solution to collection and disposal during disasters by collecting and compacting waste in large bags of 5-ton capacity. As the bags are manufactured of polypropylene and treated for UV resistance, the bags themselves become rudimentary daily cover and a liner. This offers protection from disease vectors, odors, and off-site migration of waste, as well as some surface water and groundwater protection. The system would allow waste to be collected, segregated and stored until final disposal can be accomplished post-disaster, and would free limited resources for other disaster-recovery duty.

Dr. Scott Simonton, PE, is an associate professor and Environmental Science Program Coordinator at Marshall University. He sits on the WV Environmental Quality Board as its vice-chair. Scott has worked for both public industry and private firms at local, regional, and international levels. He holds a BS in Civil Engineering from WV Tech ('91), an MS in Environmental Engineering from MU ('97), as well as a PhD in Environmental Engineering from University of New Mexico ('02). He is a former enlisted Marine and Army Armor Officer.

Younger Members, *Brian Ball, PE, Chair*

Thanks to Stephen Porter for a great luncheon topic last month.

I want to encourage all Corps employees 35 years old and younger to consider the opportunities membership in SAME offers you: networking, profes-

sional development, supporting worldwide developments in your profession, group support of local charities.

Sustaining Members - consider supporting membership for all your young employees.

MU Student Chapter, *Andrew Copley, President*

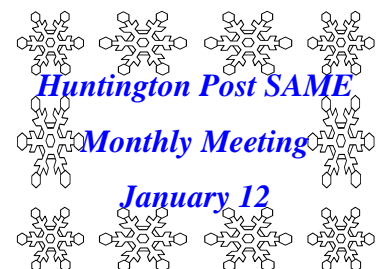
We are putting the final touches on our winter technical conference with topics ranging from the levee failures in New Orleans to drilling for gas in the Marcellus Shale formation. The conference will take place on Thursday, January 28, 2010 in the Multipurpose Room (BE5) of the Memorial Student Center on the campus of Marshall University.

See the schedule on page 4 for specifics. Join us for the entire day or just a few of the speakers.

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

The January monthly meeting is scheduled for January 12 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.



Sustaining Member of the Month - McTech

McTech is a privately-owned, fully bonded and certified construction firm and is considered one of the fastest growing general contracting and construction management companies in the country. In addition to construction management, McTech Ready Mix Division provides concrete aggregation services across the region. Although headquartered in the heart of Cleveland, Ohio, McTech's services are designed for each specific client nationwide. McTech currently has regional and field offices in numerous states and on-

going construction projects throughout the nation.

In 1999, Mark Perkins acquired McTech and has worked to see the company flourish from \$400,000 in annual sales to \$35 million. This growth was built on solid results, satisfied customer experiences and a commitment to excellence in all facets of operations.



McTech offers a full range of services from

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SOCIETY OF AMERICAN MILITARY ENGINEERS



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comprehensive pre-planning and hands-on construction management, to skilled general contracting.

Construction Management: McTech provides expert construction management services. Our Construction Management Division has a proven track record of success delivering facilities that provide strong results. McTech will lead your project from start to completion and see that your job is done on time and on budget. McTech also provides the following Construction Management services:

- Pre-Construction
- Bid/Estimating
- Design/Build
- General Contracting

Civil Construction: McTech provides expert service in large infrastructure construction servicing, road work, mining and energy infrastructure, residential subdivision and bulk earthworks. McTech has the knowledge, experience and equipment to perform a variety of services related to the construction and maintenance of public utilities and other large scale projects.

Highway and Bridge Construction: McTech has a team of engineers and certified welders with experience in bridge design and construction. We are equally qualified to deliver repair and maintenance services for bridges and public infrastructures.

Environmental and Water Ways: McTech provides expert service in dredging, excavating, transporting and disposing of aggregates from river beds or waterways.

Concrete Aggregate: McTech Ready Mix provides strong concrete aggregate services to local, state and national clients. Our concrete is produced locally and stands up to the elements.

Concrete Material Supply: McTech Ready Mix provides superior concrete materials to your company at a competitive rate.

POC Information:
Kimberly Chambers
kchambers@mctechreadymix.com
(304) 201-2205

Sustaining Member of the Month - Baker

The Michael Baker Corporation (Baker) provides innovative solutions to our clients' most complex challenges. Founded in 1940 by the late Michael Baker Jr., Baker attained early recognition as a national and international engineering design firm. The company employs a staff of 4,200 in over 40 offices throughout the United States and abroad. Baker is one of the largest professional services firms in the United States. **Engineering News Record** continuously ranks Baker in the top 10% of its Top 500 Design Firms and as one of the Top 15 engineering firms in the transportation, highways, pipelines and telecommunications markets.



- Telecommunications Engineering
- Structural Engineering
- Civil Engineering
- Transportation Engineering
- Risk and Emergency Management

As the challenges facing the U.S. military continue, and strong support from experienced private sector partners becomes imperative, Baker is providing that strength in support at

home and abroad everyday. By mastering the processes unique to the military and focusing top engineering talent on supplying cost effective, timely and innovative solutions, Baker has made a significant commitment to achieving the U.S. Department of Defense's diverse missions. Baker helps keep America's military installations fully mission-capable by providing everything from master planning and GIT/GIS to environmental remediation and compliance, facilities and infrastructure design, force protection solutions as well as complete program and construction management and design-build services.

Baker is proud to claim over 60 years of successfully executing projects for state and federal agencies, private corporations and foreign governments.

At Baker, we view challenges as invitations to innovate.

www.mbakercorp.com

Today, Baker is a leader in providing engineering and energy expertise for public and private sector clients worldwide. The company is divided into two primary business segments - Engineering and Energy Services. From this basic platform, Baker provides engineering design and construction management services for the transportation and civil infrastructure markets, operations and maintenance of oil and gas services for production facilities, and a broad range of other professional services that include:

- Planning
- Geographic Information Systems
- Information Technology
- Landscape Architecture
- Mechanical Engineering
- Electrical Engineering
- Energy Engineering

MU S.A.M.E Second Annual Winter Technical Conference

Thursday, January 28, 2010

Marshall University Student Center

BE5—Multipurpose Room

TENTATIVE AGENDA

- 8:00 – 8:45 Registration and continental breakfast**
- 8:45 – 9:00 Welcome**
Betsy Dulin, JD, PE, Dean, CITE, Marshall University
- 9:00 – 9:30 “Challenges in Project Management”**
Tom Smith, PE, Division Director, Federal Highway Administration
- 9:30 – 10:15 “Hurricane Katrina—What Went Wrong?”**
David Sullivan, PE, Structural Design Section and Greg Hensley, PE, Geotechnical Section,
US Army Corps of Engineers, Huntington District
- 10:15 – 10:30 BREAK**
- 10:30 – 11:00 “Toward a Greener Transportation System”**
Jason Workman, Environmental Manager, Federal Highway Administration
- 11:00 – 12:00 “Perspectives on Leadership”**
Jeff Russell, PhD, PE, Chair Civil and Environmental Engineering, University of Wisconsin
- 12:00 – 1:00 Lunch**
- 1:00 – 1:45 “Norfolk Southern Heartland Corridor Project”**
Jim Carter, PE, Chief Engineer, Bridges and Structures, Norfolk Southern Corporation
- 1:45 – 2:45 “Marcellus Shale—Natural Gas Development and Production”**
James ‘Eddy’ Grey, PE, PS, Director, Regulatory Affairs, Chesapeake Energy
- 2:45 – 3:00 BREAK**
- 3:00 – 4:00 “High Wall Stability”**
Patrick Gallagher, PE, President of WV Operations, CTL Engineering
- 4:00 – 4:15 Wrap Up and Closing Remarks**

News From the President, *Ralph Norman, Jr., PE, PS, Past President*

As we begin the New Year in 2010, I want to thank all of our Post Members for the distinction you have provided to me to serve as SAME Huntington Post President for 2009. I am truly honored by your trust in me, and the opportunity to serve such a vibrant SAME Post. I also thank you for the opportunity to serve such a distinguished and “distinctive” group of motivated individuals. I will continue to be involved in the Post as a member of the Board of Directors, as we welcome Colonel Robert Peterson as our new Post President for 2010.

The Board of Directors is working on the preparation of a formal budget for the Post, as a guideline as how we intend to grow and invest our assets each year. It has been a few years since we’ve had a formal budget, so we’re trying to formalize the process for

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GAI Consultants, Jacobs Engineering, Palmer Engineering, Tetra Tech, and Woolpert

Bronze-level sponsorship: *Stantec*

Next year's event will again be held on the first Saturday in December – December 4, 2010. We hope to see you there!

Stantec awarded \$30M contract to provide laser scanning services for US

November 25, 2009

WASHINGTON DC - TSX, NYSE: STN

North American design firm Stantec is leading a seven-firm team awarded a major contract by the United States General Services Administration (GSA) to provide 3D laser scanning and surveying services for federal building projects across the country. The contract is worth US\$30 million over the next five years of which Stantec is allotted 50% of the fee volume.

“This is a significant win for Stantec’s US operations,” says Bob Gomes, Stantec President & CEO. “This contract allows us to demonstrate our full range of surveying and mapping capabilities on a large scale and to contribute to an important federal initiative.”

Stantec’s surveying and mapping group has developed a particular specialty in 3D laser scanning, which involves using lasers to scan a building or scene and nearly instantly create 3D images that users can view from any angle. The firm has used the technology for reconstruction and renovation projects at such sites as Yankee Stadium, New York City’s City Hall, a levee break in Fernley, Nevada, and the construction crane collapses in New York City and Miami in 2008. With this new contract, Stantec will help the GSA augment its existing building information modeling (BIM) program and further build a comprehensive database of federal facilities.

“Laser scanning has significantly helped

2010 and for years to come. Our next meeting on the budget will occur January 12, 2010 after our regular post meeting.

Your Board of Directors has also been busy wrestling with the details of providing better definition to our mission to provide scholarships annually to deserving High School Students, which is an integral component of the Board of Directors’ budget discussions.

Our Annual Career Day, which will be held on 18 February, 2010 is currently in the planning stages, led by co-chairs Beth Hull and Chris Blevins. This is the crowning event each year where our Post awards scholarships to aspiring engineering and technical oriented high school students within our region.

Happy New Year to All!



Stantec

develop the way we document existing buildings and plan their upkeep and renovation,” says Christopher Zmijewski, a principal in Stantec’s survey and geomatics division. “With this new effort, the US government will have a tremendously robust database and a much more efficient way of managing its building projects.”

Stantec’s team for the contract includes Stantec Consulting Services Inc., CH2M Hill, Optira, CHA, Taylor Wiseman & Taylor, Adept Project Delivery, and QinetiQ North America. The Company is also involved in a number of other federal projects throughout North America, including an effort to help the Federal Emergency Management Agency (FEMA) undertake a massive flood risk mapping and planning program known as Risk MAP.



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

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

Visit us on the web at:

[www.same.org/
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The Society of American Military Engineers -

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Huntington, WV 25712-0823

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Huntington Post Board of Directors - 2010

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Director (10-11)	Mr. Jeff Huffman	(304) 746-1140	jhuffman@ctleng.com
Director	Mr. Ralph Norman	(513) 595-7912	ralph.norman@jacobs.com
(Ex-officio)			

Huntington Post Academy of Fellows

Mrs. Luthella Clinton (2000)	Mr. David F. Meadows, P.E., PS (2000)
Mr. William G. Graham (2003)	Mr. Richard C. Mitchell (2004)
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