



# POST NOTES

The Society of American Military Engineers

Rock Island Post

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- Barr Engineering Co.
- Bergmann Associates
- Black & Veatch Special Projects Corp.
- C. H. Guernsey & Co.
- Caterpillar Inc.
- CDM
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- CT Laboratories
- Earth Tech Inc.
- Foth & Van Dyke and Associates Inc.
- Fuller Mossbarger Scott and May Engineers Inc.
- Graef Anhalt Schloemer & Associates Inc.
- Hanson Professional Services Inc.
- HNTB
- Horner & Shifrin Inc.
- Howard R. Green Company
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- KJWW Engineering Consultants
- MACTEC
- McClure Engineering Associates Inc.
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- Michael Baker Corporation
- Missman Stanley & Associates P.C.
- MWH
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**JUNE MEETING: Dr. Michael Schwar, HNTB Corporation – Milwaukee Office – Milwaukee’s County Grounds Flood Management Project – Quad Cities Botanical Center.**

Dr. Michael Schwar of HNTB Corporation will be our June 2007 presenter with a topic focusing Milwaukee’s County Grounds Flood Management Project. Flooding in Milwaukee County in 1997, 1998 and 2000 has caused approximately \$96 million in flood damages to homes and businesses. The County Grounds project consists of a side channel spillway diversion structure, 3000' long 17' diameter tunnel, stilling basin, 1000 acre-foot reservoir, outlet works and emergency spillway, which will reduce peak flood discharges from Underwood Creek to the Menomonee River in suburban Milwaukee by as much as 4000 cfs.

Michael Schwar is the Principal Engineer of HNTB’s Water Resources group in its Great Lakes Division. At HNTB Mike directs and designs flood management and ecosystem restoration projects across the United States, primarily in Wisconsin, Illinois, Indiana and Ohio. Several of his projects have involved work in and around the Menomonee River in Milwaukee County, Wisconsin. Before coming to HNTB, Dr. Schwar worked as a consultant in the Pacific Northwest and was a hydraulic engineer at the U.S. Army Corps of Engineers, Rock Island District. He received his undergraduate degree from the University of Illinois – Urbana/Champaign, a Master’s Degree from the University of Washington, and his Ph.D. from the University of Wisconsin-Madison, where his studies focused on the hydrologic aspects of restoring Midwestern aquatic systems. He is a registered professional engineer in Wisconsin, Illinois and Washington and a Certified Floodplain Manager.

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**MEETING DATE:** Wednesday, June 13, 2007

**LOCATION:**           **The Quad Cities Botanical Center**  
 2525 4<sup>th</sup> Ave  
 Rock Island, IL 61201

**AGENDA:**           11:00 Board Meeting  
                   11:30 am Social Hour  
                   12:00 pm Lunch and Program

**COST:**               \$10/person

**MENU:**             Loin of Pork  
                   Peas with Mushrooms or Pearl Onions  
                   Twice Baked Potatoes  
                   Assorted Salads, Dinner Rolls, and Luncheon Beverage

**RESERVATIONS:** Contact Scott Bullock at [scott.a.bullock@mvr02.usace.army.mil](mailto:scott.a.bullock@mvr02.usace.army.mil) or 309.794.5579. Cost is \$10 and is payable at the door. Please sign up by COB Monday, June 11.

**BUSINESS BRIEF:** Hanson Professional Services, Inc.

## **May Meeting Summary – John Kayser, Alliant Energy – Winter Storm Effects**

Mr. Kayser provided a superb presentation on the February 2007 ice storms that blanketed much of the Rock Island District with a heavy coating of ice and winds. John has been employed at Alliant Energy for the last eight years and currently holds the position of Team Leader – Delivery System Planning. The planning department is responsible for developing long range plans for the distribution and sub-transmission systems. Alliant Energy's utility operation covers 54,000 square miles in Iowa, Illinois, Minnesota and Wisconsin with over 9,700 miles of electrical transmission lines servicing over 1 million customers.

## **National Security Committee Meeting**

Please join us at our next National Security Committee Meeting. The National Security Committee will have a short meeting directly following the regular post meeting on June 13<sup>th</sup>. The meeting will be led by LTC Michael Clarke, and will last approximately 20 minutes.

## **Sustaining Member Companies**

Heather Cross is organizing the student chapter meeting sponsorships for the 2007/2008 school year starting in August. Student chapter meeting sponsorships are \$100 and cover the cost of pizza at the monthly student meeting; the sustaining member sponsor is invited to present a business brief at the start of the meeting. There are slots open, please contact Heather Cross at [crossheather@stanleygroup.com](mailto:crossheather@stanleygroup.com) for more information.

## **Engineering & Construction Camps for Local High School Students**

The Society of American Military Engineers (SAME), Rock Island Post is the proud sponsor of three Engineering and Construction Summer Camps designed to provide qualified high school students with hands-on experience in the field. Our goal is to promote engineering excellence and increased awareness among local high school students. The SAME Rock Island Post will pay the full tuition and airfare for three students who best fit the selection criteria. This is an opportunity for exceptional local students to meet similarly interested and talented youth from around the world.

The camps are being held at the U.S. Army Camp in Vicksburg, Mississippi, the U.S. Air Force Academy near Colorado Springs, Colorado, and the Naval Base Ventura County in Port Hueneme, California. The respective dates of the camps are June 10-16, July 5-11, and July 29-August 4, 2007. See the SAME national website for applications and the most current information about the SAME summer camps. The Rock Island Post point of contact for summer camps is Cory Haberman. Please feel free to contact Cory with any questions or concerns by phone at 309.794.5129, or email [Cory.J.Haberman@usace.army.mil](mailto:Cory.J.Haberman@usace.army.mil).

## **SAME Bi-Monthly Newsletter, April 2007, vol. 8, No. 44**

If you missed the SAME April 2007 Bi-Monthly Newsletter, then please read below. The article featured Jeff Taterek from Hanson Professional Services and his support to the Troop Support Program.

## **Sustaining Member Briefings for 2007**

If your company is interested in signing up for a sustaining member briefing for 2007, please contact the Post Executive Secretary, Dean Cerny at 563-386-0572 or by email at [Dean.R.Cerny@USACE.army.mil](mailto:Dean.R.Cerny@USACE.army.mil). Sustaining member briefings are presentations held at regular luncheon meetings, usually scheduled before lunch that last 10 minutes. The presentations are a good opportunity for sustaining member firms to let the membership know what your company does and what type of projects you have accomplished. Sustaining Member Briefings are available for the following meetings: August 9<sup>th</sup>, November 8<sup>th</sup>, and December 13<sup>th</sup>.

## **SAME 2008 National Conference Update**

Sustaining Member firms in the Minneapolis-Saint Paul Post and the Rock Island Post can now make reservations for Exhibit Booths. Registration flyers are available for downloading at the 2008 Conference Website: [http://www.same-2008.org/Exhibitor\\_Sponsor\\_Info.htm](http://www.same-2008.org/Exhibitor_Sponsor_Info.htm)

Members of the Sustainer Committee and the 2008 Planning Committee sold about 200 exhibitor booths and several event sponsorships for the 2008 conference at the 2007 conference in Philadelphia, this past May 1-4. If you want to get a booth or sponsorship while you still have a lot of choices, please follow the link above, or contact Heather Cross at [CrossHeather@stanleygroup.com](mailto:CrossHeather@stanleygroup.com).

Volunteers will be needed to help execute the 2008 conference. Please look ahead and prepare to help pull off this event. Post members who are willing to help, please send your contact information to Chuck Spitzach at [charles.p.spitzack@mvr02.usace.army.mil](mailto:charles.p.spitzack@mvr02.usace.army.mil). Also, tell Chuck if you have a particular type of activity for which you want to volunteer.

## **Recognition**

SK Nanda. Last meeting SK Nanda won the Membership Recruitment Awards for both the sustaining and individual awards. He won a dinner for 2 and a free round of golf. Additionally, he will be going first in the lunch line and won a couple free lunches.

Dudley Hanson. Dudley will be receiving an award for his exceptional service in providing organizational support and purchasing and transporting beverages for the 2008 National Conference hospitality party that was held in Philadelphia.

## UPCOMING SAME EVENTS:

To add events to the calendar, email Dean Cerny at [Dean.R.Cerny@USACE.army.mil](mailto:Dean.R.Cerny@USACE.army.mil)

| Date                 | Post Event Description             | Event Information   |
|----------------------|------------------------------------|---|
| Wednesday, June 13th | Milwaukee, Flood Reduction Project | Dean Cerny, Ph. 563-386-0572<br>email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>               |
| July 12th            | Regular Meeting                    | Dean Cerny, Ph. 563-386-0572<br>email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>               |
| August 9th           | Regular Meeting                    | Dean Cerny, Ph. 563-386-0572<br>email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>               |
| August 18th          | <b>X-Stream River Clean-up</b>     | Dave Bequeaith, Ph. 309-794-5270<br>email: <a href="mailto:David.A.Bequeaith@usace.army.mil">David.A.Bequeaith@usace.army.mil</a> |
| September 14th       | <b>Scholarship Golf Outing</b>     | Heather Cross, Ph 563.264.6779<br>Email: <a href="mailto:crossheather@stanleygroup.com">crossheather@stanleygroup.com</a>         |
| October 17th         | <b>Training Conference</b>         | Mike Ryan, Ph 319-841-4391<br>Email: <a href="mailto:mryan@hrgreen.com">mryan@hrgreen.com</a>                                     |
| November 8th         | National Security Meeting          | Dean Cerny, Ph. 563-386-0572<br>email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>               |
| December 13th        | Regular Meeting                    | Dean Cerny, Ph. 563-386-0572<br>email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>               |

| Date         | Other Events   | Event Information                              |
|--------------|--|--|
| August 15-17 | Ohio Valley & Great Lakes Regional Conference, Buffalo, New York | <a href="http://www.same.org">www.same.org</a> |



The Bi-Monthly Newsletter of The Society of American Military Engineers ·

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## Post Notes

### Scott Field and St. Louis Posts Join Efforts

On March 21, 2007, a joint luncheon was hosted by the SAME Scott Field and St. Louis Post's and the St. Clair County Chapter of the Illinois Society of Professional Engineers (ISPE). The luncheon featured incoming SAME President Maj. Gen. Del Eulberg, P.E., F.SAME, The Air Force Civil Engineer, who touched on the importance of strategic alliances and development of young engineers.

Other topics of discussion included the progress on the Iraqi infrastructure construction he observed during his recent trip throughout the Southwest Asian area of operations. Gen. Eulberg emphasized the crucial service that engineers, both private and public, are playing in improving the lives of U.S. personnel at contingency bases and the Iraqi people throughout the country.

### Tulsa Post YMs Have a Ball

Young Members of the Tulsa Post "had a ball" on March 9, 2007, at the Tulsa 66ers basketball game at the Expo Square Pavilion! More than 60 Tulsa SAME Young Members and others attended the event. The event included skybox seating, food and drinks. A Kid Zone with games was available to YMs with children. The evening was sponsored by MACTEC. SAME members received a special admission price of \$5; \$3 of the ticket price was donated to the Blue Star Mothers of Broken Arrow, a non-profit organization made up of mothers and loved ones of military personnel on active duty, representing all branches of the armed forces. The Tulsa SAME Young Members also sold \$5 raffle tickets for an iPod, which raised close to \$200 for the scholarship fund.



[Update Your Memberships](#)

## Celebrating Engineers Week

### Jacksonville Post

SAME Jacksonville Post members played a big part in promoting the most important part of Engineers Week—enlightening today’s students about the educational and career opportunities available to them in the field of engineering.

One highlight was the 5th Annual Engineering Career Day held Feb. 23, 2007, at the U.S. Army Corps of Engineers (USACE)-Jacksonville District headquarters. Close to 100 area high school students participated in technical problem-solving competitions, and spoke with engineering professionals from public and private sector organizations and admissions officers from local universities.

USACE-Jacksonville District Commander, Col. Paul Grosskruger, USA, opened the day’s events. Students learned about college entrance prerequisites and the engineering programs offered at four area universities. The students also heard Kevin Bodge, Ph.D., Senior Engineer and Vice President of Olsen Associates Inc., speak about the role of engineering in protecting our nation’s coastlines.

The learning and fun began weeks before the daylong activities. The 17 student teams were tasked with designing a coastal bridge that could survive a wave attack from a simulated hurricane. This assignment familiarized them with basic engineering principles and challenged them to work together in teams to solve real world problems within real world constraints. The students’ projects were judged on design and survivability of their structure, as well as construction and cost.

After the initial competition, the students’ imaginations were further tested with a surprise problem: to design and construct an artificial wave-break reef. To further promote their interest in the various engineering firms’ specialties, the students had to “buy” their construction materials from the onsite exhibitors. Then their design was tested and judged in wave tanks built by members of the USACE Engineering Career Day Team, led by Matthew Schrader, Coastal Engineer.

“The winning team’s design not only protected their beach from erosion when subjected to wave action, but was also cost-effective and environmentally beneficial,” said Schrader.

Fourteen Jacksonville Post Sustaining Members contributed \$2,700 toward this event. Participating firms included PBS&J; Weston Solutions; England-Thims & Miller Inc.; Bergmann Assoc.; GAI Consultants Inc.; Gannett Fleming Inc.; HDR; HNTB; LG2; Aerostar Environmental Service Inc.; Golder Associates; Taylor Engineering; MACTEC; and Civil Services Inc. The SAME Jacksonville Post, the U.S. Naval Facilities Engineering Command and USACE also provided booths. Submitted by Christina Swanson, Jacksonville Post, Post Script Editor

## Best Practices

### Spotlight on Rock Island Post Troop Support Program

The Rock Island Post Deployed Engineer Support program helps deployed soldiers solve engineering-related problems. In some circumstances, soldiers on the battlefield may face engineering obstacles they have never previously encountered or need additional resources such as specialty computer programs, engineering textbooks or other tools to remedy the situation. Through this program, soldiers are able to e-mail a few pictures and a short description of the problem to a professional engineer on the volunteer list and quickly gain additional help. Assistance is available for many engineering disciplines such as roadways, bridges, water and wastewater treatment, and electrical and power generation.

Jeff Tatarek, P.E., S.E., of Hanson Professional Services, joined the Deployed Engineer Support program’s civilian-engineers volunteer list two year’s ago. On Thursday, Jan. 4, 2007, Tatarek answered his first call of duty to assist ground troops in Northern Iraq. He was contacted initially by a coordinator from the U.S. Army Corps of Engineers-Rock Island District, who called on behalf of the North Carolina National Guard’s 105th Engineering Group in Iraq. The 105th had an urgent problem. A bridge on a main highway in Iraq had been damaged by improvised explosive devices and the 105th needed Tatarek’s assistance to make the bridge structurally sound again.

Hanson donated Tatarek’s technical support services, allowing him to solely concentrate on this assignment. Tatarek took the project a step further, taking his work home and donating additional time to the project.

“Halfway around the world, a bridge is still a bridge,” said Tatarek. “With digital photos and an understanding of what needs to be accomplished, we can provide the support that the troops need to complete their mission.”

### Buffalo Post and USACE-Buffalo District

The U.S. Army Corps of Engineers (USACE)-Buffalo District held numerous lunchtime sessions to encourage engineering professionalism. Highlights include: a panel session on professional engineering licenses; a presentation by George Cotroneo, P.E., on “Best Laid Plans...Dealing with Engineering Failures”; a presentation by Bob Stoller, P.E., on “Design and Construction of the Seneca Niagara Hotel and Casino”; a Shadow Day with students from Hutchinson Central Technical High School in Buffalo, N.Y.; and a video teleconference presentation from Afghanistan conducted by Jack Rintoul, P.E., on “The Afghanistan Experience.” Engineer’s Week concluded with a tour of the Structural Engineering and Earthquake Laboratory (SEEL) at the University at Buffalo. The hard work of many individuals at the USACE-Buffalo District and the SAME Buffalo Post helped make the week a success. Submitted by Michelle Rhodes