



# POST NOTES

The Society of American Military Engineers

Rock Island Post

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- Stanley Consultants Inc.
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- URS Corporation
- W. F. Baird & Associates
- WESTON Solutions Inc.
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**OFFICERS:**

- President Mike Ryan
- Vice President COL Robert Sinkler
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- Executive Secretary Dean Cerny
- Assistant Secretary Tom Gambucci
- Treasurer Kevin Landwehr
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**DIRECTORS:**

- Past President Denny Lundberg
- Emeritus S.K. Nanda
- Emeritus Dudley Hanson
- Emeritus Lynn Pruitt
- 2<sup>nd</sup> Year Bob Iverson
- 2<sup>nd</sup> Year Roger Less
- 1<sup>st</sup> Year Matt Clark
- 1<sup>st</sup> Year Jay Osborne
- Honorary Jim Hagan
- Young Member Heather Cross

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**FEBRUARY MEETING: QCESC'S 45<sup>th</sup> Annual National Engineers Week Banquet**

The next meeting will be held in conjunction with Quad City Engineering and Science Council (QCESC) 45th Annual National Engineers Week Banquet on Friday, February 23, 2007 at The Lodge Hotel & Conference Center in Bettendorf, Iowa. The keynote speaker for this year's event is Mr. Bruce Wood, President and CEO of ePower Synergies, Inc. The relatively new company is a provider of clean mobility products and services for growing markets. These are moderately to heavily populated communities like resorts, planned communities, military bases, colleges, airports, and even established cities trying to improve their downtowns. Most are faced with escalating land use issues, new government regulations to reduce traffic, pollution, and rapidly rising costs of energy and services. Mr. Wood will be speaking on "The Power of the Future - Hydrogen and Fuel Cells".

**QCESC'S 45th  
 Annual National  
 Engineers Week  
 Banquet**

The evening will feature a meal, student scholarship awards, and awards for Superior Engineer of the Year, and Scientist of the Year. The banquet will begin at 5:00 PM on Tuesday, February 20, 2007. To find out more, you may visit the QCESC Website at [www.qcesc.org](http://www.qcesc.org) or check out the following page.

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**MEETING DATE:** Friday, February 23, 2007

**LOCATION:** **The Lodge Hotel & Conference Center**  
 I-74 at Spruce Hills Drive  
 Bettendorf, IA 52722

**AGENDA:** 5:30 pm Social Hour with a Cash Bar  
 6:30 pm Dinner  
 7:30 pm Program and Awards

**COST:** \$30.00/person & \$15.00 for full-time students

**MENU:** \$30. Buffet including: Carved Roast Beef, Chicken w/creamy artichoke sauce, baked white fish with dill sauce, vegetable medley, Oven roasted potatoes, Pasta salad, Fruit salad, and dessert du chef.

**RESERVATIONS:** Make your reservation online at [www.qcesc.org](http://www.qcesc.org) (preferred) or call Nancy Ekblad at (309) 737-5895 or email [treasurer@qcesc.org](mailto:treasurer@qcesc.org). Advance reservations are required by 5:00 PM on Tuesday, February 20, 2007. The general public is welcome to attend this event.

The Quad City Engineering and Science Council's

# 45th Annual National Engineers Week Banquet



**FRIDAY, FEBRUARY 23, 2007**

The Lodge Hotel & Conference Center  
I-74 at Spruce Hills Drive  
Bettendorf, Iowa



**Engineers Week**

**Featured Speaker:**

**Bruce Wood, CEO, ePower Synergies, Inc.**

**Speaking On:**

***The Power of the Future – Hydrogen and Fuel Cells***



Bruce Wood is President and CEO of ePower Synergies, Inc., a new company that is a provider of clean mobility products and services for a growing market defined as eCommunities. These are moderately to heavily populated communities like resorts, planned communities, military bases, colleges, airports, and even established cities trying to improve their downtowns. Most are faced with escalating land use issues, new government regulations to reduce traffic, pollution, and rapidly rising costs of energy and services. They have mandates to adopt sustainable fuel systems, and/or improve security. ePower is working with developers and community managers to implement clean technology solutions to enhance mobility within the community.

Prior to forming ePower Synergies, he was Director of John Deere ePower Technologies. Under Mr. Wood's leadership, John Deere demonstrated a variety of hybrid electric technology demonstrators. Mr. Wood has his BSME from Oregon State University and an MBA from the University of Richmond.

- Time:** 5:30 - 6:30 p.m. Social hour with cash bar  
6:30 - 7:30 p.m. Dinner  
7:30 - 8:30 p.m. Program and Awards including Engineer/Scientist/Society of the Year and Scholarships
- Location:** The Lodge Hotel & Conference Center • I-74 at Spruce Hills Drive • Bettendorf, Iowa
- Menu:** Buffet including: Carved Roast Beef, Chicken w/creamy artichoke sauce, Baked white fish with dill sauce, Vegetable medley, Oven roasted potatoes, Pasta salad, Fruit salad, and dessert du chef
- Cost:** \$30.00 per person • \$15 for full-time students
- Further Info:** Call Nancy Ekblad (309) 737-5895 or e-mail [treasurer@qcesc.org](mailto:treasurer@qcesc.org)

**For Reservations: Make your reservation online at [www.qcesc.org](http://www.qcesc.org) (preferred) or Call (309) 737-5895**

**• Advance reservations are required by 5:00 PM on Tuesday, February 20, 2007 •**

**The general public including students are welcome to attend this event.**

## January Meeting Summary – Spouse Night, Awards & Installation of New Officers

Our January Meeting was at the Outing Club in Davenport, Iowa. The Post convened for a special evening to thank and recognize those who have served over the past year and to welcome the new officers. The evening featured a “Change of Command” ceremony, awards and the kickoff celebration for the 2007 Rock Island Post Mentor Program.

The outgoing Post President Denny Lundberg highlighted 2006 as a tremendous year. We held 13 regular meetings and special training events. Special events contributed over \$7,700 to the scholarship account and, the Post continues to support the University of Iowa Student Chapter. Scholarships were awarded to 9 local area high school students and to 3 members of the University of Iowa Student Post. In addition, the Post sent 3 high school students to construction camps. In total, we contributed \$12,500 to scholarships and student activities. The Post continues to support math counts, mentoring, river clean-up, troop support and national security meetings.

Awards were given to recognize exceptional contributions to the Post. The Paul Norton award was presented to Heather Cross, Stanley Consultants, for her excellent duties as Jr. Vice President, outstanding leadership and support for the University of Iowa Student Post, and pulling together a tremendous Golf Outing!

The Sustaining Member of the Year was awarded to Graef Anhalt Schloemer & Associates Inc. for providing outstanding support to the Post this year. They had members involved in University of Iowa Student Chapter meetings; attended SWAT team meetings on a regular basis; provided assistance to troop support; provided the Rock Island Post’s co-chairperson for the Planning Committee for the 2008 National Conference; and assisted in donating school supplies to Iraqi children. Dominic Kempson, Dudley Hanson and Paul Eiring were in attendance to accept the award.

Jim Hagan, Regional Vice President, provided a “State of the Society Address”, and presented the Regional Vice President’s Award. The Regional Vice President’s Award was presented to Kevin Landwehr for his outstanding support to the Rock Island Post and for volunteering to take over as Treasurer while Treasurer Brad Palmer was deployed to Florida.

The 2007 Mentoring Program celebrated its kickoff ceremony in conjunction with the Installation of New Officers ceremony. The mentoring program is based off The Academy of Fellows Mentoring Scorecard established by SAME HQ and a few additional criteria set forth by the Rock Island Post. This year there are 8 mentors teamed up with 8 protégés. The mentor / protégé teams are as follows:

Mentor Frank Monfeli, USACE Rock Island District and Protégé Gerald Santos, University of Iowa Student  
Mentor Dudley Hanson, GAS and Protégé Ben Krawczyk, University of Iowa Student  
Mentor Perry Hubert, USACE Rock Island District and Protégé Josh Galgano, University of Iowa Student  
Mentor John Punkiewicz, USACE Rock Island District and Protégé Candice Oppitz, Stanley Consultants  
Mentor Roger Perk, USACE Rock Island District and Protégé Joe Whitney, Stanley Consultants  
Mentor Lynn Pruitt, Stanley Consultants and Protégé Jon Fleischman, USACE Rock Island District  
Mentor Dan Miller, Stanley Consultants and Protégé Cory Haberman, USACE Rock Island District  
Mentor Dominic Kempson, GAS and Protégé Scotty Bullock, USACE Rock Island District

The evening concluded with remarks from the incoming Post President Mike Ryan and Dudley Hanson introduced and led “Auld Lang Syne.”

The 2007 Rock Island Post Officers and Appointed Directors are as follows:

### **2007 Post Officers**

<b>President</b>	Mike Ryan – Howard R. Green Company
<b>First Vice President</b>	COL Robert Sinkler – USACE
<b>Jr. Vice President</b>	Scotty Bullock – USACE
<b>Executive Secretary</b>	Dean Cerny – USACE
<b>Assistant Secretary</b>	Tom Gambucci – USACE
<b>Treasurer</b>	Kevin Landwehr – USACE
<b>Assistant Treasure</b>	Brad Palmer – USACE

<b>Immediate Past President</b>	Denny Lundberg – USACE
<b>Director 2 Years</b>	Bob Iverson – HNTB
<b>Director 2 Years</b>	Roger Less – USACE
<b>Director 1 Year</b>	Jay Osborne – Caterpillar, Inc.
<b>Director 1 Year</b>	Matt Clark – W.F. Baird & Associates
<b>Director (Young Member)</b>	Heather Cross – Stanley Group

**Appointed Directors:**

<b>Director Emeritus</b>	S.K. Nanda – USACE
<b>Director Emeritus</b>	Dudley Hanson – GASAI
<b>Director Emeritus</b>	Lynn Pruitt – Stanley Consultants
<b>Honorary Director</b>	Jim Hagan – Michael Baker (RVP)

**Sustaining Member Companies**

Heather Cross is organizing the student chapter meeting sponsorships for the 2007 school year. 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 many slots open, please contact Heather Cross at [crossheather@stanleygroup.com](mailto:crossheather@stanleygroup.com) for more information.

**Sustaining Member Briefings for 2007**

If your company is interested in signing up for a sustaining member briefing for 2007, please contact the Post 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. All regular meetings have current openings and are available if you would like to sign up. If you have not done a sustaining member briefing before, or for a long time, you are encouraged to sign up.

**Annual Small Business Conference & Commander Briefings**

Mark your calendars for the Annual Small Business Conference & Commander Briefings to be held on April 11-12, 2007 at the Isle of Capri Casino in Bettendorf, Iowa. The Small Business Conference will be on Wednesday, April 11 from 1200 - 1600, with an icebreaker reception from 1700 - 1900. The conference will feature a Small Business Administration update, presentations on women owned small business and a small business success story. The Commander Briefings will be on Thursday, April 12 from 0800 - 1600. This day is scheduled to feature the District Engineers from Omaha, Chicago, Louisville, St. Paul, St. Louis, Kansas City, and Rock Island Districts. They will describe their FY 2007 & 2008 Engineering and Construction Programs.

**SAME 2008 National Conference Update**

Sustaining Members firms in the Minneapolis-Saint Paul Post and the Rock Island Post can now make reservations for Exhibit Booths. SM firms of the two host Post's have first opportunity before reservations are opened up to everyone at the Philadelphia Conference in May. 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)

**Troop Support to the Rescue!**

Jeff Tatarek, P.E., S.E. at Hanson Professional Services is a volunteer for the Rock Island Post Troop Support program as a bridge expert. On Thursday, January 4, 2007, Mr. Tatarek answered his first call of duty and was asked to assist ground troops in Northern Iraq. For more detail on the story, please read the *Hanson News Release* on the following page.

**FOR IMMEDIATE RELEASE**  
**Feb. 6, 2007**

**Contact: Amy Kay**  
[akay@hanson-inc.com](mailto:akay@hanson-inc.com)  
**(217) 747-9283**

*Note to media: This release and photos can be found under "News" on our Web site, [www.hanson-inc.com](http://www.hanson-inc.com).*

### **Engineer Jeff Tatarek makes his own contribution to U.S. efforts in Iraq**



**Jeff Tatarek,  
P.E., S.E.**

SPRINGFIELD, Ill. – More than two years ago, Jeff Tatarek, P.E., S.E. (a licensed professional and structural engineer) at Hanson Professional Services, joined the Troop Support program's civilian-engineers volunteer list for the Society of American Military Engineers (SAME), Rock Island Post.

The Troop Support program, established by the Rock Island Post, helps deployed soldiers solve engineering-related problems. In some circumstances, soldiers on the battle field may face engineering obstacles they have never previously encountered or need additional resources such as specialty computer programs, engineering text books 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 waste water treatment, and electrical and power generation.



**The 105<sup>th</sup> investigates  
damage on the  
southbound bridge.  
(Photo courtesy of the  
North Carolina  
National Guard 105<sup>th</sup>  
Engineering Group)**

On Thursday, Jan. 4, 2007, Tatarek answered his first call of duty and was asked to assist ground troops in Northern Iraq. He was contacted initially by a coordinator from the Rock Island District, U.S. Army Corps of Engineers, who called on behalf of the North Carolina National Guard's 105th Engineering Group in Iraq. The 105<sup>th</sup> had an urgent problem. A bridge on a main highway in Iraq had been

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**Hanson Professional Services Inc.**

1525 S. Sixth St. • Springfield, IL 62703-2886  
(217) 788-2450 • Fax (217) 788-2503



# *News Release*

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damaged by improvised explosive devices, or IEDs, and the 105<sup>th</sup> needed Tatarek's assistance to make the bridge structurally sound again.

Individuals in the 105<sup>th</sup> Engineering Group are trained combat engineers and many have design and construction-related backgrounds. In extreme cases such as this, they also use the skills of professional engineers who volunteer for special assignments through SAME.

Maj. John Wolf, P.E., North Carolina National Guard 105<sup>th</sup> Engineering Group in Iraq stated, "The damage to the bridge was extensive. The blast not only destroyed the deck but also damaged the end of the prestressed concrete girder and destroyed the diaphragm. The willingness of fellow professional engineers from back home, to help us out in a time of need like this, gives us the opportunity to keep our focus on the many other issues that we are dealing with on a daily basis."

Due to the nine-hour time difference and a few e-mail glitches, Tatarek received information on the project the following Monday, including detailed structural damage, measurements and photographs of the bridge. He promptly began to analyze the details and create possible solutions for the damage.

According to the 105<sup>th</sup> Engineering Group, the northbound bridge was damaged from an IED, likely placed on the surface of the bridge. The IED created two large holes, approximately 6 feet wide.

The southbound bridge was also damaged by an IED placed under the bridge, making the bridge unsafe by creating a surface opening nearly 2 feet wide and 8 feet long and destroying the end of a support beam.

On Tuesday, Tatarek was updated about a few makeshift repairs made to the bridges. Maj. Wolf said, "The traffic never stops over here for anything and blocking off the bridge didn't work. The locals just move the barricades out of the way and continue on through. They were just driving around the hole. While we weren't concerned with additional damage to the bridge by a passenger car, we were concerned about a large truck

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causing catastrophic failure. Vehicle loading is very different here. They don't follow the same rules we do in the States.”

Using this information, Tatarek worked into the night preparing detailed recommendations. He was aware of both the urgency of the situation and limited resources of the 105<sup>th</sup>. With this in mind, he designed both temporary and long-term solutions. For the immediate repair, he drafted details which included placing a large steel plate over the affected area and bolting the plate in place, which would allow the bridge to be opened to traffic. For a long-term solution, he created a more in-depth plan to fully repair the concrete and support beam. By 1:30 a.m. Wednesday, he had completed the recommendations and immediately e-mailed the information to Maj. Wolf.

Tatarek was able to complete these special assignments thanks to the partnership between SAME and Hanson Professional Services. 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.

“They needed the repair details right away. With the time difference and communicating solely by e-mail, I just wanted to get it done as soon as possible,” said Tatarek.

Tatarek has previous experience analyzing explosive effects on structures, but this project was his first experience working on actual damage. According to Tatarek, this experience has been especially interesting as well as a unique opportunity to lend a helping hand. Speaking with a great deal of passion and pride, he states, “The project was rewarding, and my kids thought it was cool!”

He adds, “Halfway around the world, a bridge is still a bridge. 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.”

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**Hanson Professional Services Inc.**

## UPCOMING SAME EVENTS:

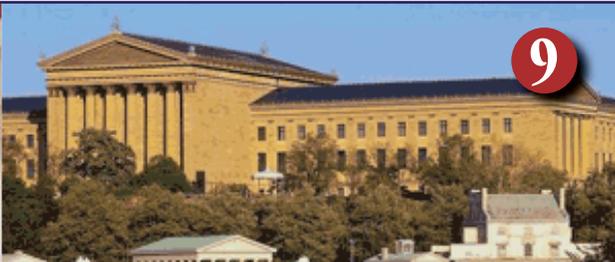
To add events to the calendar, email Dean Cerny at [Dean.R.Cerny@USACE.army.mil](mailto:Dean.R.Cerny@USACE.army.mil)

Date	Post Event Description	Event Information
January 19th	<b>Installation of Officers, at the Outing Club in Davenport, 5:30 PM</b>	Tom Heinold, Ph 309-794-5421
February 23rd	<b>QCESC Dinner</b> The Power of the Future - Hydrogen and Fuel Cells, Bruce Wood, CEO ePower Synergies, Inc.	<a href="http://www.qcesc.org">www.qcesc.org</a>
March 8th 4:00 PM Fairport, IA	Joint Meeting with ASCE, Tour the <u>Lucille A. Carver Mississippi Riverside Environmental Research Station (LACMRERS)</u> .	Tour starts at 4:00 PM in Fairport, Iowa – Followed by dinner at a nearby restaurant. Dean Cerny, Ph. 563-386-0572 email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
April 11 / 12th	<b>Commander Briefings / Small Business</b>	Chris Trefry, Ph. 309-794-5790 Email: <a href="mailto:Christopher.M.Trefry@usace.army.mil">Christopher.M.Trefry@usace.army.mil</a>
May 10th	Regular Meeting	Dean Cerny, Ph. 563-386-0572 email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
Wednesday, June 13th	Regular Meeting	Dean Cerny, Ph. 563-386-0572 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 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 email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
August	<b>X-Stream River Clean-up</b>	Wendy Zoltak, 312/884-5777 Email: <a href="mailto:wzoltak@davidmason.com">wzoltak@davidmason.com</a>
September	<b>Scholarship Golf Outing</b>	Heather Cross, Ph 563.264.6779 Email: <a href="mailto:crossheather@stanleygroup.com">crossheather@stanleygroup.com</a>
October 17th	<b>Training Conference</b>	Mike Ryan, Ph 319-841-4391 Email: <a href="mailto:mryan@hrgreen.com">mryan@hrgreen.com</a>
November 8th	Regular Meeting	Dean Cerny, Ph. 563-386-0572 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 email: <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>

Date	Other Events	Event Information
May 1 to May 4, 2007	Joint Engineer Education and Training Conference and Expo, Philadelphia, PA	<a href="http://www.phillysame2007.org">www.phillysame2007.org</a>
August 15-17	Ohio Valley & Great Lakes Regional Conference	



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### #10 Eat a Philly Cheesesteak

Comfort Food of Philadelphia natives since 1930.

### #9 Culture yourself at the Philadelphia Art Museum

This museum contains over 225,000 works of art in its 200 captivating galleries.

### #8 Visit the Liberty Bell

Huge historical landmark which rang most famously in 1776 for the reading of the Declaration of Independence.

### #7 Meet a "Mummer"

About 15,000 Mummers perform in Philadelphia's New Year's Day Parade, a tradition that has been in existence since 1901.

### #6 Shop the Italian Market

An open-air shopping bazaar several blocks long, where you can find meats, cheeses, olive oils and just about any other culinary treat you wish you'd brought back from Italy.

### #5 Visit the LOVE Park

The now famous LOVE sculpture, designed by Robert Indiana was first placed in the plaza in 1976 as part of the United States' Bicentennial celebration.

### #4 Eat a Philadelphia Soft Pretzel

A true Philadelphia Soft Pretzel is usually bought from a street vendor or small "mom and pop" shop.

### #3 Become a Philadelphia Sports Fan

Philadelphia has a long and proud history of professional sports teams, and is one of thirteen United States cities to have all four major sports. It is home to the Philadelphia Eagles, Phillies, 76ers and Flyers.

### #2 Run the Steps like Rocky

The Philadelphia Art Museum steps are already a popular tourist attraction, with many visitors recreating Rocky Balboa's iconic gesture.

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## #1 Attend the Society of American Military Engineers 2007 Joint Engineer Education and Training Conference & Expo

May 1-4, 2007

Pennsylvania Convention Center  
Philadelphia, PA



Register online today! [www.phillysame2007.org](http://www.phillysame2007.org)



The Philadelphia Post of the  
Society of American Military Engineers invites you to:

**SAME 2007**  
**Joint Engineer Education and**  
**Training Conference & Expo**

**May 1-4, 2007**  
**Pennsylvania Convention Center**  
**Philadelphia, PA**

**Highlights include:**

- Contingency Engineering and Reconstruction; Emergency Preparedness and Response
- Installation Development and Realignment
- Installation Management
- Professional Development
- Developing Military Leaders



For additional information check out the Website:  
<http://www.phillysame2007.org/>

**REGISTER TODAY!**