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Find Out More:

www.same.org
www.samejax.org

Grand Slam Streamer Award Winner

EngAffect

Jacksonville Post

Affecting the Future through Engineering Partnerships

Jax Post Supports Engineering Career Day


More than 100 high school students from northeast Florida attended an Engineering Career Day event and project competition, hosted by the U.S. Army Corps of Engineers, Jacksonville District, and co-sponsored by the Jacksonville Post, on February 25, 2011.

"Each year we try to top ourselves with a more vibrant, innovative program," said Engineering Division Chief Steve Duba. "I'm confident we have done it once again. In the past, this event has convinced more than one young person to pursue engineering as their life's work and our goal is to continue that successful tradition."

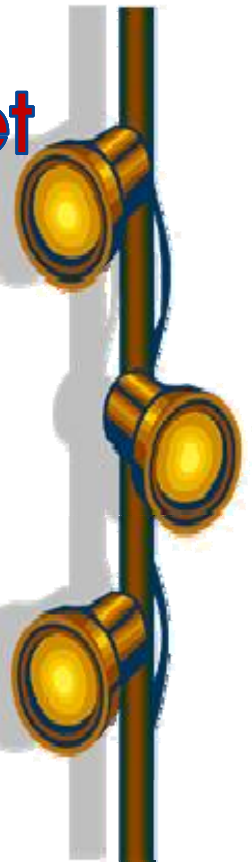
Special guest speakers for the event was Lt. Col Ballard C. (Clint) Barker, the Jacksonville Deputy District Commander, who has served

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From top: COL Al Pantano, Jax Post President, awards a member of a winning team at Career Day, Steve Duba, Engineering Division Chief, welcomes students, and, left, Tom Fallen, Castle Engineering, LLC, judges a student's team project. 

Engineers Week Awards Banquet Spotlights Success



A big part of National Engineer Week is honoring those engineers who are making a difference in their fields. This ENG Affect is dedicated to the following professionals who were nominated by Jacksonville Post during Engineers Week: Brian Files, P.E., Parsons, *Engineer of the Year*; Melissa Reynolds, Corps of Engineers, *Young Engineer of the Year*; and Joe Bosley, Corps of Engineers, *Technician of the Year*.

The Post also wants to honor the 2011 Engineers Week Award winners, who were announced at the Engineers Week banquet:

SAME Enlisted Achievement Award Winner - ICO CEC Petty Officer Jason Knorr, CBMU 202, NAS, Jacksonville, *Teacher of the*

Year - Steven Lyons, Nease High School; *Technician of the Year* - Janet Duffy, Eisman & Russo; *Young Engineer of the Year* - Katrina Estel Myers EI, Taylor Engineering; *Engineer of the Year* - Thomas A. Grogan Jr. P.E., The Haskell Company; and *Professor of the Year* - Chris Brown, Ph.D., University of North Florida.

The Haskell Company and Taylor Engineering are Sustaining Members of the Jacksonville Post. Dr. Chris Brown is a member of the Jacksonville Post and UNF Student Post faculty representative.

Congratulations to these fine professionals.

Enlisted Achievement Award Winner CPO Knorr

Supply Chief/CMEO Manager Jason Knorr was recently awarded the SAME Enlisted Achievement Award of the Year for his outstanding contributions to the improvement of Navy life.

Serving as the Port Operations Chief, Chief Petty Officer Knorr led 15 troops at the Port of Jacksonville in support of Operation Unified Response following a devastating earthquake in Haiti. He led teams in the preparation and shipment of more than one million pounds of critical Class IV construction materials, Civil Engineer Support Equipment (CESE), and life support materials delivered to forward deployed Naval Construction Force (NCF) Units to rebuild piers and provide humanitarian support to the ravaged area. His team's hard work gained numerous accolades from the NCF and Port Commands.

As Supply Chief for CBMU 202, Detachment Jacksonville, he is a driving force behind the construction programs and the day to day support which directly enhances Naval Air Station Jacksonville's overall ability to perform its mission. His efforts attributed to Naval Air Station Jacksonville, Florida receiving the Southeast Region Installation Excellence Award for FY09.



Mike Holm, right, presents CPO Jason Knorr SAME's Enlisted Achievement Award plaque along with \$100 at the luncheon on March 15th. He will also be provided a complimentary SAME membership.

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April Opportunity

Network with SAME, ASCE and FES!

DATE: Tuesday, **April 19**, 2011

LOCATION: Ramada Inn- Mandarin
1-295 & State Road 13
3130 Hartley Road

AGENDA: 11:30 -- 12:00 noon
Registration and Social Time
12:00 -- 12:30 p.m.
Lunch and Announcements
12:30 -- 1:15 p.m.
Speaker

SPEAKER: Karl Hankin, PE; Manager,
Water/Sewer System Planning, JEA

COST: \$17.00 (\$20.00 w/o reservation)


MENU:
Chicken Florentine
Steamed Vegetable Medley
Twice Baked Potatoes
Red Velvet Cake
Tossed Salad, Rolls & Butter
Coffee, Lemonade & Iced Tea

RESERVATIONS: Please e-mail
Shavonne Hoyte at shoyte@ghyabi.com
by Thursday, April 14th or sign-up and pay on
our website www.jaxasce.com. Checks made
payable to "ASCE" will be collected at the
registration table. Reservations must be
guaranteed, "no shows" will be billed for the
cost. Also, all persons **without reservations**
will be charged \$20. 

Karl Hankin, P.E.
speaks about

**JEA's Total Water
Management Plan/Projects**
Karl will give an overview of JEA's
Total Water Management Plan
with some details on a few of the
projects associated with the plan.

Jacksonville Post Approves Two New Field Chapters

Congratulations to the **San Juan, Puerto Rico** and the **GITMO (Guantanamo Bay, Cuba) Field Chapters** being a part of the Jacksonville Post. The benefits and objectives of these field chapter is to link more remote military installations and professionals with an established Post, to respond to the needs of SAME members in remote locations and facilitate improved communications among SAME members, the military services and private sector AEC firms through conducting a professionally oriented program or activity at a field chapter location. 

EngAffect
Jacksonville Post

*welcomes
your contributions...*

Deadline is the 18th of each month, subject to editing. Contact the Editor at the Corps of Engineers, P.O. Box 4970, CESAJ-ACE-IT, Jacksonville, FL 32232-0019; email at christina.m.swanson@usace.army.mil; or call (904) 232-3065. Jax Post Website: <http://www.samejax.com> Or <http://www.samejax.org>

Pavel Discusses Benefits of Total Precast Building Systems with BIM and 3D Modeling

Mike Holm, MACTEC, 2nd Vice President, Jacksonville Post presided over the luncheon meeting on March 15, 2011 with 82 persons in attendance. William Wilson provided FES announcements. Mike Holm provided the SAME announcements and introduced the luncheon speaker, Rob Pavel, PE, Vice President of Engineering - Gate Precast, Kissimmee, FL.

The presentation on "Precast Building Construction and Engineering" showed slides of numerous precast structures and gave everyone a basic overview of precast concrete building components typically used in commercial construction and parking garages. Mr. Pavel described the concept of prestressing, discussed the benefits of Total Precast Buildings Systems, explained through the use of BIM and 3D modeling, Gate engineers and detailers can develop an infinite number of shapes, textures and finishes that can be integrated into the design, drawings, specs and shop drawings. Architectural precast is known for unlimited aesthetic possibilities, long-term durability, thermal performance and the ability to accelerate occupancy. Precast also offers superior quality because all products are made off site in a controlled environment which reduces site disturbance. Other features are precast's ability to withstand natural disasters and resistance to blast. Design professionals are taking advantage of precast and its inherent ability to be used as a load-bearing element eliminating a redundant structural system. The design flexibility of architectural precast can enhance any exterior therefore maintaining architectural precast as a premier building enclosure system. Gate has over 30 years of experience manufacturing Precast concrete systems. All of Gate's plants are PCI Certified and undergo thorough, unannounced audits to maintain the trusted and specified certification. Mr. Pavel concluded the presentation with a discussion of Design Considerations and Detailing of Precast and answered questions from the audience.

Mike Holm presented Mr. Pavel with a Jacksonville Post Coffee Mug at the conclusion of the program. 0.5 PDH was awarded for the presentation. ⚡



Rob Pavel, PE

Enlisted Achievement Award Winner CPO Knorr

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Additionally, as the Command Managed Equal Opportunity (CMEO) Representative for CBMU 202, Detachment Jacksonville, he spearheaded a team of nine in the completion of a yearly review identifying areas of improvement for the Unit. As a result the 59 personnel perform as a more cohesive Unit. His proactive and approachable style is instrumental to numerous troops who seek Chief's guidance and advice. His efforts directly contributed to the Unit receiving the Retention Excellence Award for 2009& 2010.

Knorr also played a part in the completion of projects ranged from: refurbishing of the Sea King Park restrooms, constructing the Youth Center playground sidewalks and patios, to replacing drainage headwalls and road repairs. He also supported Cecil Field and Yellowstone community safety projects requested via Public Works for the demolition of old playgrounds and softball fields.

Knorr's superb performance has been the driving force behind the unquestionable success of CBMU 202 and why he is being honored for his achievements today. ⚡

Jax Post Judges Science Fairs

Local science fair season kicked off in late November 2010 and the Jacksonville Post was ready to be involved. On December 2, Directors Ed Brown and Tim Gysan participated as judges for the Holy Family Catholic School Middle School Science Fair. Grades 5 through 8 were represented with the top three students in each grade moving forward. Four judges at each grade level reviewed between 40 and 50 student projects, with each showing their unique take on the scientific process.

On December 15, Directors Mike Holm, Melissa Reynolds, Carlos Cepero and Tim Gysan along with UNF Student Chapter President Robert Noble, participated as judges for the Darnell Cookman Middle School Science Fair. Judges were treated to some outstanding projects in areas ranging from engineering to physics and chemistry.

The climax to the local science fair season, the Northeast Florida Regional Science and Engineering Fair, was held at the Morocco Shrine Auditorium on 6-8 February 2011 with approximately 350 projects being displayed.

Bill Schaefer and Al Walker, USACE, Jacksonville District, served as specialty judges representing the Society of Military Engineers Jacksonville Post.

Schaefer and Walker reviewed 124 Engineering and Physics projects developed and presented by students from the middle and high schools in the Northeast Florida Region. The judges were hard pressed to determine the top project in each of the four areas that the Society awarded. After hours of interviews and discussions the team picked a top project in both the Senior and Junior levels of the Engineering and the Physics categories.

Schaefer attended the closing ceremonies on the evening of 8 February 2011 and made the presentations of the certificates and award checks to each of the four winning students.

The *junior* choices are: Matthew B. Pekarek, Engineering Junior Division, First Place, James Weldon Johnson Middle School / Patrick Kyne - Teacher

Valerie M. Starks, Physics Junior Division, First place, Kirby-Smith Middle School / Ohmann - Teacher

The *senior* choices are: Arielle C. Kellam, Engineering Senior Division, First Place, Stanton College Preparatory High School / Mrs. Hood - Teacher.



Al Walker, left, and Bill Schaefer represented the Jax Post at a recent Science and Engineering Fair.

Heather L. Overstreet, Physics Senior Division, First Place, Stanton College Preparatory High School / Wooten - Teacher. *Congratulations!* 🎉




Jax Post Supports Engineering Career Day

Continued from front page

the U.S. Army in a wide variety of mobilization leadership roles.

The theme for this year's event was "Deploying Tomorrow's Engineer" and the focus of the problems facing the students will center on mobilization. Participating high schools included: Robert E. Lee High School, Fernandina Beach High School, Eagles View Academy, Bishop Kenny High School, Mandarin Christian School, Clay High School, First Coast High School, Frank H. Peterson Academies, Providence High School, and Yulee High School.

The event's activities included a day of hands-on competitions, interaction with dozens of exhibitors from engineering firms and universities throughout Florida, a luncheon, and a keynote speech. The take-home project for 2011 was to design a working mobile bridge that could be transported in a compact package and, when deployed, be able to bear a certain amount of weight.

Many thanks to the many SAME sustaining member firms and other organization who was part of the exhibition and interacted with the students. Exhibitors included: AEROSTAR, Bergmann, Castle Engineering, Civil Services, Gannett Fleming, Golder Associates, HNTB, Jones Edmunds, LG2 Environmental Solutions, MACTEC, Naval Facilities Engineering Command, Southeast, SAME, Stellar, PBS&J and Taylor Engineering. 





What are *you* doing this summer?

Rev up your plans with the **SAME Army, Navy or Air Force Engineering and Construction Camp Experience...**
and let SAME help foot the bill!

What's Up...

❖ At SAME Engineering and Construction Camps, high school students from across the country learn engineering solutions and skills from professional engineers while getting a taste of what it means to work for and with the military services. These exciting week-long camps take place during the summer months in a variety of settings—the colorful Colorado Rockies, the beautiful Southern California Coast, or the historic Mississippi Valley.

❖ Student must have expressed an interest in pursuing a degree in engineering, architecture or related field.

❖ SAME Jacksonville Post will fund transportation cost and one-half the registration fee (1/2 of \$550) for USAF and Navy Camps; Post will fund transportation cost for US Army Camp (student fund \$50 registration fee).

How To...

Submit all applications to Jax Post representative:
Laureen Borochaner, P.E.
US Army Corps of Engineers
701 San Marco Blvd.
Jacksonville, FL 32207

(904) 232-1122

Engineering and Construction Camps

Application Guidelines at www.same.org/camps

CAMP	LOCATION	DATES	JAX POST APP DEADLINE	ELIGIBLE
US Army	Vicksburg, MS	19-25 June	12 March	Rising Junior or Senior
US Air Force	Colorado Springs, CO	24-30 June	6 April	Rising Sophomore Junior, Senior (plus interest in applying to service academy or ROTC program)
US Navy Seabees	Port Heuneme, CA	31 July-6 August	6 April	Rising Sophomore Junior, Senior



Above and Right:
Summer Camp Selectees--
"Whoops...there goes the beam" exclaims Connor White!

Joel Torres and his team work on their beam assignment.

Jacksonville Post Sustaining Members

AECOM
Aerostar Environmental Services
AKEA, Inc.
AMEC Earth & Environmental
American Patriot Construction, Inc.
Applied Software
ARCADIS
Arrow Construction Group
ASSET Group
Ayres Associates
B.P. Barber
Balfour Beatty Construction
Battelle
Bauer Foundation
BCI Engineers & Scientists
Bergmann Associates
Bhate Environmental Assoc. Inc.
Boart Longyear Drilling Services
Brasfield & Gorrie, LLC
BRPH Companies, Inc.
Burns & McDonnell
CAD Concepts, Inc.
Cardno TBE
Cardo ENTRIX
Carothers Construction, Inc.
Castle Engineering, LLC
CCI, Inc.
CDM Federal Programs Corps.
CEMS Engineering, Inc.
CH2M Hill
Charles Construction Group LLC
Charles Perry Construction
Cherokee Enterprises, Inc.
Civil Services, Inc.
Clementi Environmental Consulting, LLC
Conti Federal Services, Inc.
Cooley, Dennis and Denmon Engineering, Inc.
CORE Engineering and Construction, Inc.
CTI and Associates, Inc.
DCK Worldwide
Dial, Cordy & Associates, Inc.
Dyer, Riddle, Mills & Precourt, Inc.
Dynamac Corporation
EAC Consulting, Inc.
ECC
ECS Group
Elkins Constructors, Inc.
Energy Systems Group
Environmental Consulting & Technology, Inc.
Environmental Heritage Investors, LLC
Environmental Services, Inc.
FLUOR
Fugro Consultants, Inc.
GAI Consultants, Inc.
Gannett Fleming, Inc.
Gate Precast
GCR, Inc.
GEC, Inc.
GeoSyntec Consultants
GLE Associates, Inc.
Golder Associates, Inc.
Government Services Integrated
Process Team LLC
Greenhome & O'Mara, Inc.
Ground Hound Detection Services, Inc.
HDR
HNTB
Huryn Justice General Contractors
Islands Mechanical Contractor (IMC).
J.B. Coxwell Contracting, Inc.
J2 Engineering, Inc.
Jacobs
JMZ Group, LLC
Jones Edmunds & Associates, Inc.
KCI Technologies, Inc.
Keville Enterprises, Inc.
Kiewit Federal Group
Kira, Inc.
Leo A. Daly



2011 Jax Post Joint Luncheon Schedule

Date	Host	Topic
April 19, 2011	ASCE	JEA
May 17, 2011	FES	UNF Engineering
June 21, 2011	SAME	Readiness & Homeland Security

Note: The joint luncheons at the Ramada Inn – Mandarin begins at 11:30 a.m. with lunch served at about noon. Cost is \$17.00/person except when SAME hosts the charge is \$10.00/person for public agency members (Navy, COE and COJ) and members of the UNF Student Post of the Jacksonville Post.

Special Events

July 2011

SAME Installation of Officers & Directors Dinner (Date/Loc TBD)

Welcome New Sustaining Members

ECC

Siemens Industries, Inc



Field Chapters

San Juan, Puerto Rico

GITMO



Student Post

University of North Florida

LG2 Environmental Solutions, Inc.
Lowe Engineers
MacDonald-Bedford LLC
MACTEC Engineering and Consulting
McDonough Bolyard Peck, Inc.
Mason & Hanger
Metro Engineering & Surveying
Micah Group Environmental Contractors, Inc.
Michael Baker Corporation
Moffatt & Nichol
MWH
NAVFAC Southeast-Jacksonville
Neel-Schaffer, Inc.
Nobles Consulting Group, Inc.
Northrop Grumman
Odebrecht Construction, Inc.
Onyx Construction, Inc.
Parsons
PBS&J, Inc.
PCL Construction Services, Inc.
Pond & Company
PP91 Enterprises, Inc.
Premier Communication Group, Inc.
Procurement Technical Assistance Center
Professional Services Industries, Inc.
R2T
Reynolds, Smith & Hills, Inc.
Richard L. Bowen & Associates, Inc.
R L Campbell Management Services, Inc.

Royal Concrete Concepts
Sauer, Inc.
Science Applications International Corp
Shannon and Wilson, Inc.
Siemens Industries, Inc.
Spectrum Building Systems, Inc.
Stanley Consultants, Inc.
Stellar Construction Company, Inc.
Suffolk Construction Company, Inc.
Sundt Construction Inc.
Sunworks Solar
Taylor Engineering, Inc.
TEC Inc.
Tetra Tech
The Atlantic Group, LLC
The Haskell Company
The R-A-M Professional Group, Inc.
The Shaw Group, Inc.
The Walsh Group
TLC Engineering
TNL Enterprises, Inc.
TranSystems
URS Corporation
Van Wagenen and Beavers, Inc.
VHB/Vanasse Hangen Brustlin, Inc.
Weston Solutions, Inc.
Wolverton & Associates, Inc.
Woolpert
Zyscovich Architects, Inc.