



MESSAGE TO THE REGIMENT #94:

“The Engineer Blast”

November, December 2012

A. Overview: The Office of the Chief of Engineers is pleased to forward this 94th version of **“The Engineer Blast”**.

Thanks for all you do and stay safe – enjoy the **“BLAST!!”**

NOTE: In order to further enhance communications from the major entities of the Engineer Regiment to the field, the Office, Chief of Engineers (OCE) is facilitating a process to spread Engineer knowledge from the United States Army Corps of Engineers (USACE), The United States Army Engineer School (USAES), Engineer Branch, other Engineer agencies, and our office in the Pentagon. All links should work for .mil computers.

The Chief of Staff, Army announces the following officer assignments:

Major General Mark W. Yenter, Commanding General, United States Army Maneuver Support Center of Excellence, Fort Leonard Wood, Missouri to Assistant Chief of Staff, C-3/J-3, United Nations Command/Combined Forces Command/United States Forces Korea/Deputy Commanding General, Eighth United States Army, Republic of Korea.



**145th Annual Engineer Castle Ball
Washington DC, 1 Feb 13.**

To view your invitation, please click the link below.

If you are unable to click on the link please copy and paste the address into your web browser.

<https://einvitations.afit.edu/inv/anim.cfm?i=138810&k=03624A017A57>

shanna.l.travis@usace.army.mil

202-761-7025

**ARMY ENGINEER SPOUSES' CLUB
Army Engineer Memorial Awards
Geraldine K. Morris Award
See Section I**

Secretary of Defense Leon E. Panetta has announced that the President has nominated the following Army Competitive Category colonels for promotion to the rank of brigadier general:

Colonel Anthony C. Funkhouser (EN)

Commander
United States Army Engineer Division, Northwestern
PO Box 2870
Portland, Oregon 97208-2870

Colonel Kent D. Savre (EN)

Commander
United States Army Engineer Division, North Atlantic
Fort Hamilton Military Community
Brooklyn, New York 11252

B. The U.S. Army Corps of Engineers (USACE) provides the following information:

1. U.S. to improve electric grid in Kandahar Province, 1/4/2013, KANDAHAR AIRFIELD, Afghanistan -- Electricity is a scarce resource in Kandahar City, but should become less so for Kandahar government district centers and businesses when four separate projects, designed to improve electricity distribution in key areas of the city, are completed by winter 2013. [More:](#)

2. Corps keeps Mississippi River open as drought continues, 1/3/2013, ST. LOUIS– The U.S. Army Corps of Engineers continues to project river stages will sustain the authorized 9-foot deep commercial navigation channel between St. Louis, Mo., and Cairo, Ill. The Corps continues to apply all available capabilities and resources to keep the channel open. [More:](#)

3. **The 412th Theater Engineer Command offers the following:** [Facebook](#), [412th Engineer Association](#),

D-249 linemen climb to the top, repeat 1st Place Win

Mountain Blade: Partnership slices through...

Building from the ground up BIRMINGHAM, Ala. –

BONNER SPRINGS, KS - A repeat of last year's top honors is a testament to their...[MORE](#)

With a surface denoting the embodiment of Afghanistan's tumultuous history, the Salang...[MORE](#)

A small area in Birmingham received a big push from a group of U.S...[MORE](#)



4. **The 416th Theater Engineer Command offers the following:** [Bridge Magazine](#), [Facebook](#), [Flicker](#).

[Check at the latest Bridge Magazine](#)

5. **Transatlantic Division (TAD):**

<p>Middle East District honors Darralyn Williams at retirement ceremony</p> <p>WINCHESTER, Va. –The Middle East District’s Chief of Contracting, Darralyn Williams, was honored in: More</p> <p>Published: 12/28/2012</p>	<p>Saled bidding helps expedite contract awards for Afghanistan</p> <p>On Nov. 19, the Middle East District employed a process it rarely uses to accelerate a contract award by holding a sealed bid opening for a construction project in Afghanistan. More</p> <p>Published: 12/12/2012</p>	<p>District awards contract for tractors, trailers in Egypt</p> <p>The U.S. Army Corps of Engineers Middle East District awarded an \$8.5 million contract Nov. 6 for tractors and trailers to be provided to the Egyptian Engineering Authority to support its operations. More</p> <p>Published: 11/29/2012</p>
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6. [Afghanistan Engineer District North \(AEN\)](#). [Freedom Builder](#)

7. [Afghanistan Engineer District South \(AES\)](#).

Date	Title	Author
1/4/2013 New	BUILDING STRONG® for stability in Afghanistan	Jasmine Chopra-Delgadillo
12/26/2012	USACE employee serves in Afghanistan; so does his son	Karla Marshall
12/16/2012	Helmand province electrical engineers, linemen receive training, new equipment	Karla Marshall
11/28/2012	From drill sergeant hat to USACE hard hat, Apuya demands high standards	Jasmine Chopra-Delgadillo
11/21/2012	Assuring quality construction for the benefit of Afghans' security	Jasmine Chopra-Delgadillo
11/19/2012	Weekly award highlights remarkable service	Jasmine Chopra-Delgadillo
11/19/2012	USACE builds road in Helmand province, cuts travel time in half	Karla Marshall
11/12/2012	USACE set to begin electricity improvement project in Helmand province	Karla Marshall
11/12/2012	Contracting Officer Representatives receive refresher training in Afghanistan	Karla Marshall
11/9/2012	South District Commander names monthly award winners	Karla Marshall

Date	Title	Author
12/6/2012	USACE's military construction program in southern Afghanistan winds down	Karla Marshall
12/3/2012	Karen Anderson awarded Steel de Fleury Medal for contribution to the engineer regimen	Karla Marshall
11/10/2012	From refugee to USACE project manager of the year	Jasmine Chopra-Delgadillo

8. To view "[The Corps Environment](#)", a quarterly newsletter, you are invited to click on the hyperlink:

C. The [US Army Engineer School \(USAES\)](#) provides the following information:



Regimental Command Council

The Fall Regimental Command Council was conducted on 7-8 November at Fort Leonard Wood. Despite having several key personnel from across the Regiment who had to cancel due to the Hurricane Sandy response, we still had about 60 personnel from all three components who were able to attend and engage in the discussion. The agenda, briefings and videos are all posted on the Engineer School Knowledge Network, [ESKN](#), <https://www.us.army.mil/suite/files/38162015>. Highlights were MG Watson's presentation on 7 November titled "Thinking about the future, ... as informed by our past" and MG Semonite's presentation on 8 November that highlighted the missions and accomplishments of the Corps in response to Hurricane Sandy.

Thanks to all who attended, and special thanks to the presenters for helping to guide the discussions and shape the debate. The next Regimental Command Council will be held in April in conjunction with the annual ENFORCE conference. While ENFORCE is not an approved conference yet, we are working on the approval packet and we remain cautiously optimistic that it will be approved.

Mr. James Rowan
Deputy Assistant Commandant

From the Desk of the Deputy Assistant Commandant (Army Reserve)

Hope that all of you are having a great Holiday season. There is so much to tell the field about what YOUR Engineer School and Regiment is doing on your behalf:

The Regimental Command Council was very well attended by members of all components. Thank you for all who were able to attend, despite the real-world challenges posed by Super Storm Sandy. Especially as we go further into fiscal uncertainty and austerity, we must make maximum return on investment for every interaction we have either individually or as a group. Stay connected. Between Regimental Synch Teleconferences, Regimental Fusion Secure VTCs, milBook forums, the Engineer Blast, the Engineer Bulletin, and [ESKN](#) there are so many ways to stay informed and stay in touch. We will keep you as informed as your inbox will allow!

The EAB Community of Practice and EAB Redesign continue as the Engineer Construction Company FDU and the Geospatial FDU continue their move forward in a formalized process. So many of you have been instrumental in providing valuable feedback to this process, and most importantly your voices have not only been heard, but also have materially impacted the direction of these critical actions.

The Army Reserve Office is looking for a few select MSGs, CPTs, and MAJs (TPU/IMA) to fill critical Drilling IMA billets that directly support the U.S. Army Engineer School. As an indication of the quality of candidates we are seeking, the two current MAJs within our organization were BOTH selected BZ to LTC! If you have a passion for bettering our Regiment and can manifest that passion in material contribution to better programs of instruction, better AC-RC integration, and at the same time continue your development to the next grade, please contact me to further discuss.

For those who have asked the question as to “what is their legacy?”, the Engineer Regimental Historian is embarking on a project that will codify the engineer history of Operation Iraqi Freedom. For those who have a story to tell about your perspectives, and contributions, we want to hear from you. The history will be a partner volume to the USACE history and will both be completed in the next 24 months. Dr. Ulbrich would like to hear from active/guard/reserve both serving and retired engineers and he can be reached at david.j.ulbrich.civ@mail.mil.

Lastly, our next Battalion and Brigade Pre-Command Course will be held here at FLW during the period 7-18 JAN 13. Although it is not mandatory for Army Reserve Officers (and their CSMs) to attend this course, it is highly encouraged that you invest the time to not only gain a better understanding of the regiment that you will be representing during your tenure, but also provides the ability to interact with your peer group across all three components. The course is open to all incoming battalion and brigade commanders (MToE and TDA) as well as their Command Sergeants Major. I have also included the future classes for FY 13 to aid in your planning:

<u>Class</u>	<u>Report date</u>	<u>Start date</u>	<u>End date</u>
Class 003-13	06 Jan 13	07 Jan 13	18 Jan 13
Class 005-13	24 Mar 13	25 Mar 13	05 Apr 13
Class 007-13	12 May 13	13 May 13	24 May 13
Class 009-13	21 Jul 13	22 Jul 13	02 Aug 13

I look forward to seeing many of you at ENFORCE, tentatively scheduled for 16-19 APR 13, as well as maintaining the passion and momentum as we move forward towards the Army of 2020. Your Engineer School is here to support you in the field. Thank you all for what you do in the service of our Nation.

As always, I can be reached at adam.roth@us.army.mil.

“Essayons!”

Adam S. Roth

COL, EN

Deputy Assistant Commandant (Army Reserve)

From the Desk of the Deputy Assistant Commandant (National Guard)



113th Engineer Battalion Change of Command

On Sunday, Oct. 14 a Change in Command ceremony was held to transfer authority of the 113th Engineer Battalion from Lieutenant Colonel Steven Hines to Major Sean Begley. The change of command took place at Lake Central High School, where MAJ Begley also serves as principal of the Lake Central Freshmen Center. “It was a great ceremony. It was kind of bittersweet. It was a little bit of a sense of relief, but at the same time it’s a little sad my time is ending,” LTC Hines said.

“Today’s the day my three worlds collide,” Major Begley said, referring to his school, work and family lives. Through the years of military service, Begley gives credit to his family for also being a part of his service. “As soldiers, we volunteer. It’s our families that are drafted,” Major Begley said in his speech at the ceremony.

(In the picture: Brigadier General Michael Osburn (81st Troop Command Commander), Major Sean Begley, Lieutenant Colonel Stephen Hines and Command Sergeant Major Jeffrey Duncan prepare to pass the colors at the 113th Engineer Battalion Change in Command ceremony)

LTC Rodney Graham
Deputy Assistant Commandant, National Guard

New Nuclear Soils Tester Arriving Soon – Mandatory Radiation Safety Officer Training Required Prior To Equipment Handoff

TACOM will begin fielding a new nuclear soils density and moisture gauge during 3QFY13. The new gauge is the replacement for the Campbell Pacific MC1 that units turned in for disposal in January 2010. The new gauge NSN 6635-01-604-1875 is the Troxler Model 3440 Plus, commonly referred to as the Tester, Construction Materials, Moisture & Density (TCMMD) gauge.

The Model 3440 Plus is the latest generation of nuclear gauges. The tester has the following features: Rechargeable nickel-metal hydride (NiMH) batteries with on-board alkaline batteries for back-up use, calibration offsets to expand measurement possibilities, over 30 functions to facilitate all phases of testing compaction, a backlit liquid crystal display (LCD), a backlit keypad, a remote keypad, a USB port allowing uploading of data to flash drives or printers, and external and internal beepers to signal invalid key punches and signal conclusion of measurements. The Model 3440 Plus will have the same basic configuration and components as the old MC-1. Included inside its DOT 7A transport/storage container will be a reference standard block, drill rod, scraper plate/drill rod guide, extraction tool, sign kit and operators manual. Testers will be fielded to units as follows: 1-per HQ EN BDE; 1-per Survey & Design Team; 1-per USAES; 4-per Radiological Lab; 1-per CECOM; and 2-per 164th RTI.

Units are required to receive training prior to receiving the tester. A trained primary and alternate Radiation Safety Officer (RSO) and a Radiation Safety Program (RSP) must be in place prior to receiving the new tester. This is a mandatory course that is needed to set up RSO programs. Do not start setting up your programs prior to your RSO attending the course. Some units have been trying to buy lead lined facilities to house the tester and this is not required. Requirements will be presented to the RSOs in the course.

To prepare units for fielding of the tester the Product Manager Combat Engineering/Material Handling Equipment (PM CE/MHE) has funded the required RSO training course. Attendance for training is coordinated through the TACOM Life Cycle Management Command (LCMC) New Equipment Training (NET) Team. Currently, training is scheduled at Aberdeen Proving Grounds, MD for the following dates:

4-8 Mar 2013
8-12 Apr 2013

The TACOM LCMC NET Team will be providing initial operator training at all locations scheduled to receive the tester. Their mission will also include checking unit and Troxler sites for compliance prior to performing the hand-off of the testers. After initial fielding, MOS Training will be conducted by the United States Army Engineer School (USAES) at Fort Leonard Wood, MO and the North Dakota Army National Guard 164th Regional Training Institute (RTI) at Devils Lake, ND.

Testers will not be issued to units without a fully established or compliant RSP. Proof that the RSP is in place will be confirmed by TACOM LCMC RSO, before a tester is issued.

It's imperative that units contact the personnel listed below for specifics:

Karen Lapajenko McGuire
TACOM LCMC Radiation Safety Program Manager
DSN 786-7635/Comm. 586-282-7635
Blackberry Comm. 586-306-3768
Fax DSN 786-5277/Comm. 586-282-5277
E-mail: Karen.L.McGuire4.civ@mail.mil; (AKO) Karen.Lapa.McGuire@us.army.mil

Michael W. Wilson
TACOM NET Trainer
Comm. 586-467-6611; BB 586-219-0277
E-mail: michael.w.wilson.civ@mail.mil

Automated Integrated Survey Instrument (AISI) Transition

The Automated Integrated Survey (AISI) underwent a transition several months ago, with the intent to combine assets under one LIN, S03726. This was not a smooth transition across the force structure due to several moving parts that did not align and synchronize at proper time. As a result units are either turning in assets or requesting turn-in disposition instructions for what appears to be an overage to the authorized quantity on their property books.

LIN S03794 was rendered obsolete. Assets under this LIN should have been administratively transferred to LIN S03726. In addition the Maneuver Support Center of Excellence (MSCOE), in conjunction with Product Director Combat Terrain Information Systems (PDCTIS) drafted a change request to the existing Table of Organization and Equipment (TOE) and submitted the changes to HQDA G3/5/7. While the changes have been approved they are not showing on Unit's property book, thereby indicating the incorrect authorized quantities.

The authorized quantity of LIN S03276 for a Brigade element is seven (7) and for a Survey and Design Co is five (5). **Units should not turn in any AISI assets if their MTOE shows less than the aforementioned quantities for their respective Unit type.**

For additional information PD CTIS POC is Tom Cox 703 428 6716 thomas.m.cox.jr@usace.army.mil or MSCOE POC is Cathy Pryor 573 596 5719 cathy.s.pryou.civ@mail.mil .

Engineer Doctrine 2015

Doctrine 2015 (D2015) is a Department of the Army initiative to streamline Army doctrinal manuals so there will be fewer, but better written manuals that will be relevant and easily updated to reflect today's operational environment. Doctrine 2015 establishes five categories of publications but only four categories which are doctrinal publications. Technical Manuals (TMs) are no longer considered doctrine. It creates a top-to-bottom hierarchy of publications, beginning with the top-level, easy-to-read doctrinal principles called Army Doctrine Publications (ADP). The lower level publications like the Army Techniques Publications (ATP) will likely change the fastest without having to change the whole body of information on a specific subject. As of October 2012, all Army Doctrine Publications (ADP) and Army Doctrine Reference Publications (ADRP) have been published minus ADRP 3-38, Defense Support of Civil Authorities. The priorities have now shifted to the publications of all

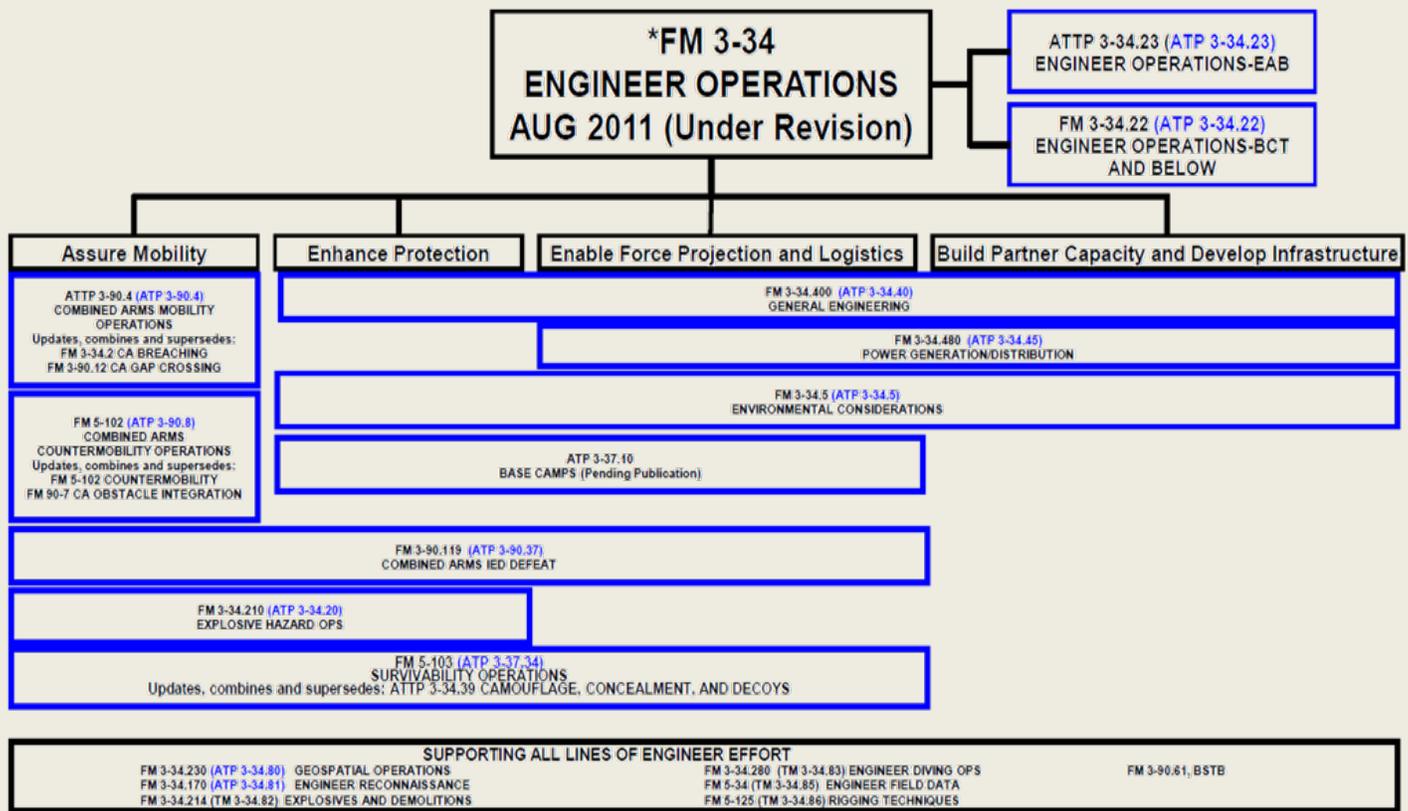
Field Manuals (FM). The four categories of doctrine are highlighted below. TMs and TCs are doctrinally based, but NOT doctrine.

- **ADPs.** Contain only fundamental principles and are limited to 15 pages in a 6- by 9-inch book format.
- **ADRP.** Contain detailed explanations of the principles contained in the ADPs. There will only be one ADRP for each ADP (with the exception of ADP 1). These publications are limited to 100 pages and must contain only the details that explain the principles in the ADPs.
- **FMs.** Contain tactics and procedures. There will be no more than 50 FMs Army wide. FM 3-34, *Engineer Operations*, is the only Engineer FM. This publication is limited to 200 pages.
- **ATPs.** Contain techniques that are non-prescriptive ways or methods to perform missions, functions, or tasks. The life expectancy for ATPs is 5 to 10 years. There will be two versions of ATPs. The authenticated version will be found on the APD site and the draft versions will be posted on a milWiki site for field feedback. There is no limit to the quantity or length of these publications.
- **TMs and TCs.** Contain technical information specific to the Engineer Regiment. They are not authenticated as doctrine by the Administrative Assistant to the Secretary of the Army but are departmentally approved by the U.S. Army Engineer School Commandant. They will continue to drive doctrine, organization, training, materiel, leadership and education, personnel, and facilities (DOTMLPF) domain requirements.

This is a positive move for the Army, but with it comes growing pains as we transition from what we are familiar with (all FMs) to ATPs and TMs. The remainder of this article provides a tool to assist and guide the Regiment through the transition process over the next several years. The currently published version is listed first followed by the new naming convention under D2015. The manuals are categorized by lines of engineer support and then by ATPs followed by the TMs. The Army Publishing Directorate link http://armypubs.army.mil/doctrine/5_Series_Collection_1.html is the authoritative source of all Engineer manuals. The table below lists recent Engineer 2020 subject topics and locations where they will be discussed once published.

SUBJECT	MANUALS
BEB	FM 3-34, FM 3-34.22, FM 3-95, FM 3-96, FM 3-97
Early Entry	FM 3-34, ATP 3-90.4, ATP 3-90.8
Support to Cyber	FM 3-34, FM 3-38
Support to SOF	FM 3-34, FM 3-34.22
Theater Opening	FM 3-34.23, ADP/ADRP 4-0, FM (ATP) 4-94, FM 4-95

The USAES point of contact for further questions on Engineer Doctrine is LTC Sinlan Morrow, at Sinlan.r.morrow.mil@mail.mil or (573) 563-2717.



FM 5-415 (TM 3-34.30) FIREFIGHTING OPERATIONS	TM 3-34.21 MEDIUM GIRDER BRIDGE	TM 3-34.41 CONSTRUCTION PLANNING AND ESTIMATING	FM 5-412 (TM 3-34.42) PROJECT MANAGEMENT	FM 5-472 (TM 3-34.43) MATERIELS TESTING
	FM 3-34.343 (TM 3-34.22) MILITARY NONSTANDARD FIXED BRIDGING	FM 5-428 (TM 3-34.44) CONCRETE AND MASONRY	FM 5-424 (TM 3-34.46) THEATER OF OPERATIONS ELECTRICAL SYSTEMS	FM 5-426 (TM 3-34.47) CARPENTRY
	FM 5-277 (TM 3-34.23) BAILEY BRIDGE	FM 5-430-09-1/2 (TM 3-34.48 1/2) THEATER OF OPERATIONS ROADS, AIRFIELDS AND HELIPADS	FM 5-484 (TM 3-34.49) MULTISERVICE WELL DRILLING OPERATIONS	FM 5-553 (TM 3-34.50) GENERAL DRAFTING
	TM 5-581B (TM 3-34.51) CONSTRUCTION DRAFTING	TM 3-34.56 WASTE MANAGEMENT	TM 5-545 (TM 3-34.61) GEOLOGY	FM 5-434 (TM 3-34.62) EARTHMOVING OPERATIONS
	TM 5-704 (TM 3-34.52) CONSTRUCTION PRINT READING	FM 5-436 (TM 3-34.63) PAVING OPERATIONS	FM 5-410 (TM 3-34.64) MILITARY SOILS ENGINEERING	FM 3-34-471 (TM 3-34.70) PLUMBING, PIPE FITTING, & SEWAGE
	FM 3-34.331 (TM 3-34.53) TOPOGRAPHIC SURVEYING	FM 5-480 (TM 3-34.73) PORT CONSTR AND REPAIR	FM 3-34.465 (TM 3-34.65-1/2) QUARRY OPERATIONS	FM 5-134 (TM 3-34.72) PILE CONSTRUCTION
	FM 5-233 (TM 3-34.55) CONSTRUCTION SURVEYING			

*Note. This is not a hierarchy chart. This is meant only to show what Army manuals support our framework.

- NEW = Convert to TM
- NEW = Convert to ATP

As of: 06 December 2012

From the Directorate of Training and Leader Development: Engineer Regreening

The Engineer School, in coordination with the Engineer Faculty at the U.S. Army Command and General Staff College (CSGC), is hosting an Engineer Regreening Class 22-25 January, 2013 at Ft. Leavenworth, KS. The purpose of the class is to refamiliarize US Army Engineer Resident and Non-Resident CGSC Students with current Engineer Regimental information in order to better prepare them for CGSC. The “Engineer Regreening” program will consist of a 4-day lecture workshop at a ratio of 1:16 onsite at the US Army Command and General Staff College, Fort Leavenworth, KS prior to the start of the formal CGSC Class.

The Engineer School would like to offer this learning opportunity to our Non-Resident CGSC Engineer students currently enrolled in CGSC through the Department of Distance Education (DDE) at CGSC as an "M" or "S" student.

The Non-Resident Engineer students can participate in two ways by either attending the 4-day resident program at Ft. Leavenworth or through DCO from their Sister Service Staff College, Regional Training Site or residence. If the student wishes to participate in the resident class, he/she will be responsible for coordinating their own TDY to Ft. Leavenworth. If they wish to participate by DCO or plan to attend the resident offering, they should contact either Mike Potts at Michael.j.potts.civ@mail.mil or Shawn Howley at shawn.p.howley.civ@mail.mil

From the Engineer Museum Director: How You Can Help the Engineer Museum

I’m often asked by the Soldiers, Veterans, and the leaders of the regiment; “How can we help the Engineer

Museum?" I would like to take this opportunity to share a few ways.

1. Donate Cash: When the Museum needs a material donation for an exhibit or to complete the study collection we track down an Engineer and get them to donate it. However there are many artifacts the Museum needs that must be purchased. For example we purchased a World War Two bridging truck and a Spanish-American War sword this year. Both were purchased using the Museum Supplement Fund. There is never enough money in this fund. You can contribute to this fund by placing cash in the donation box at the Museum or by making out a check or money order to: MUSEUM SUPPLEMENTAL ACCOUNT and mailing it to AEA, P.O. Box 634, Fort Leonard Wood, MO 65473.

Two events happened in the last six months which made me very happy. First, an Engineer was retiring and approached me stating, "I'm retiring and I'd like to buy a retirement present for the Engineer Museum." I showed this gentleman our current wish list and he and his wife purchased a World War One Engineer uniform for the Museum. Second, a Battalion XO approached me stating his Commander was departing. Rather than have a departure gift, the Commander, wanted a cash donation made to the Museum in his name.

One of the responsibilities of my job is to screen groupings to determine what is historically significant. I get called quarterly by the widow of an Engineer wanting to know if the Engineer Museum wants "the collection." Each of these deceased Engineers has amassed a collection of "going away gifts" and gifts from speaking engagements. The Museum is prohibited from accepting these items by AR 870-20. Eventually the family ends up throwing these items away. I would challenge each of you to consider the Engineer Museum next time you PCS, are a guest speaker, and when you retire.

2. Donate seminal artifacts: In its simplest form, the Engineer Museum tells the Engineer story with objects. I am always asked, "What do you need?" In most cases, I just don't know. I ask each of you to remember the Engineer Museum when conducting your operations. I would love to have the T-wrench that was used to lock together the last two sections of the Sava River Bridge; the helmet that Sergeant First Class Paul Smith was wearing when he earned his Medal of Honor; or one of the RB-15s that were used to conduct the assault river crossing at Objective Peach. When you complete an event which you feel is an important part of our history, take a few minutes to collect the facts, and a small seminal object that will help tell the story. Then contact the Museum. Equally import, are the objects that Engineers created to accomplish their mission. For example, the "Branding Iron" type devices some units used to "stamp" crater repairs.

When your unit is turning in obsolete equipment, contact the Engineer Museum to see if that equipment is needed in the collection. We like to use equipment to tell the story of an Engineer unit, or of an individual Engineer. Often this is not possible if we do not know where a piece of equipment came from.

3. Be our eyes: We have a very limited staff. For years, because of space limitations, the Engineer Museum did not collect tools or equipment. We are now trying to correct this. If you are at an antique store, surplus store, or even a garage sale and you see something with a Corps of Engineers data plate, take a photograph and get the sellers contact information. Forward this information to me at troy.d.morgan12.civ@mail.mil There is lots of neat Engineer equipment sitting in garages and stores across America. Please help us bring it home to the Engineer Museum.

Mr. Troy Morgan
U.S. Army Engineer Museum Director

USAES on the Network:

- [Engineer School Public Page](http://www.wood.army.mil/usaes) (<http://www.wood.army.mil/usaes>)
- U.S. Army Engineer Regiment on [Facebook](#)
- [USAES Request for Information](#)
- [Engineer School Knowledge Network \(ESKN\)*](#)
- [Commandant's Corner \(Forum for Regimental Senior Leaders on milBook\)**](#)

- [Engineer Battalion Command Forum](#)**
 - [Regimental Command Sergeant Major's ORP \(Forum for the Engineer NCO community on milBook\)](#)**
 - [Senior Engineer Warrant Office Group on milBook](#)**
 - Engineer Personnel Development Office [public page](#), [EPDO Group on milBook](#)**
 - USAES Historian [public page](#), [Group on milBook](#)**
- *AKO authentication required, **DEERS authentication required
-

D. The Engineer/ Enlisted /Warrant/ Officer Branch provides the following information:

EPMD ENLISTED BRANCH UPDATE (NOV-DEC 12)

We have visited many of you this past month, and in the coming weeks will visit Fort Campbell, Fort Hood, Fort Carson, PCC and ALC/SLC. If there are any others that would like to spend time with your Branch team please let SGM Diana Broussard or I know. You are always invited to come see us at Fort Knox! Have a safe and relaxing holiday season, and please keep our deployed force, military and civilian, foremost in your thoughts.

-- LTC Mike Daniels, 509.613.5767

1. **New FLAG AR**. A new Suspension of Favorable Personnel Actions (Flags) Regulation ([AR 600-8-2](#)) is posted on the APD website with an effective date of 23 Nov 12. This regulation is a total revision; stemming from a DAIG review of the Army's process to suspend favorable actions (Flag) as an effective administrative tool for improving unit and Soldier discipline.

The DAIG report found that many leaders did not have the requisite understanding of how to use flag actions to increase surveillance of Soldiers potentially undergoing disciplinary or administrative action and to suspend favorable action pending an inquiry and final disposition. The DAIG had five key findings:

- A lack of training at all levels erodes technical skills and knowledge with respect to execution of flagging actions.
- Company-level teams are not effective in flagging Soldiers under investigation. Commanders at all levels were challenged with imposing flags on Soldiers under investigation because they do not know when to impose a flag or were taking a "wait and see" approach before imposing flags.
- Transferable flags and supporting documents are not being transferred from losing units to gaining units.
- Flags were not being imposed when a formal or informal investigation was initiated on a Soldier by military or civilian authorities.
- Poor flag management was having a detrimental on morale and negatively impacting our collective ability to manage the Force by making timely and informed decisions.

The new regulation addresses policy and procedures for commanders to use to effectively manage flags. It is extremely important that commanders at all levels review the update in order to properly implement the policy changes.

Our S1 and retention personnel must familiarize themselves with the new regulation and be prepared to assist commanders with this important administrative requirement.

2. **Branch Priorities.** As a reminder, our internal priorities, which mirror those of EPMD and HRC, remain; (1) timely fill of deploying units IAW DA Manning Guidance, (2) DS / AIT PSG / Recruiter / Nominative position fills, (3) Korea manning (and increasing BFV experience in the BCT), (4) Airborne manning (reduce NAPs in our ABN units AND build our bench in the construction MOSs).

3. **CMF Review.** We will conduct the semi-annual CMF review next month with HRC and USAES leadership. The briefing will be posted to multiple sites over the holidays, and I'll send a reminder with links.

4. **SFC Board and SSG QSP (MILPERs 12-345 and 12-357 – SEE BELOW).** Please ensure your eligible SSG/E6 populations read and heed the enclosed MILPER messages, and ensure their records are accurate and complete (**DA PHOTOS IN ASUs!**).

The following MOSs will be looked at for QSP: Active – 12B and 12V, AGR – 12H. Call us if you have questions regarding eligibility, board files, or any other concerns.



Milper Message
#12-345.docx



Milper Message
#12-357.docx

5. **Precision Retention Update (Commander's Allocation Process).** A reminder to those who supervise of have 12B10s in your formation, get your quality, eligible Soldiers reenlisted at the first opportunity

6. **Decentralized (unit) Promotion Boards.** We would ask command teams to continue to grow our E5 and E6 populations so that we don't become reliant on centralized promotions from the CLI (Command List Integration). HRC may begin promoting from the CLI in certain MOSs, ie, 12M, which is not the preferred method, as we want unit leaders / senior NCOs to shape our force through the in-person local board process. Please board our quality eligibles!

7. **ALC Common Core.** Ensure our NCOs are making progress on Blackboard as they work through PH1 ALC (Common Core) – signing up but then failing to make progress will lead to disenrollment.

8. **ABV Fielding and B6 Course** Fill. For those of you part of the ABV fielding plan, please ensure you take advantage of the B6 course at FLW; Class 002 (Feb-May) and 003 (Jun-Sep) still have open seats.

9. **AGR (E8) Overpopulation.** For those that work with and/or supervise our AGR force, know that the Army mistakenly grew our E8 population above regulated caps/allocations. As a result, there will be a slowdown on promotion from the current list, and very few (if any) Soldiers will be recommended on the next E8 (AGR) board, until such time as the number falls back under the DA-mandated ceiling.

10. Your Branch Sergeant Major, Diana Broussard, is the former 4ID G1 SGM, and a career "personnelist." She is very willing and always available to provide your S1 teams mentorship and professional development to improve our manning and personnel capabilities throughout the Regiment - call or email her.

E. The Office of the Chief of Engineers provides the following information:

The Army Geospatial Center offers the following: [Facebook](#).



The Army Geospatial Center (AGC) has partnered with leading Modeling and Simulation (M&S) providers to distribute M&S terrain databases along with operational geospatial products on its Common Map Background (CMB) website. Through this partnership, the AGC has made available 164 free M&S terrain databases in the library to support Live, Virtual, and Constructive simulations used in training, testing and experimentation. These M&S terrain databases are available in multiple formats suitable for use in Joint Semi-Automated Forces (JSAF), One Semi-Automated Forces (OneSAF), Virtual Battle Space 2 (VBS2), and other Department of Defense simulations. Since adding M&S terrain databases, CMB users have downloaded over 90 of these databases.

Available terrain databases include selected Army training areas as well as areas of recent Army deployments. One example database is the Fort Polk/Joint Readiness Center Military Operations on Urbanized Terrain (MOUT) Training Site. Additionally, CMB supports a prototype Integrated Training Environment (ITE) of the White Sands Missile Range that can be used to link simulations with operational Mission Command systems in a training scenario framework. This ITE consists of operational geospatial products and their corresponding M&S terrain databases of the White Sands Missile Range in support of the Network Integrated Evaluations (NIEs).

This effort provides:

- Provides a **one stop repository** for all geospatial products
- **Streamlines** the **delivery** of operational as well as M&S geospatial products
- **Promotes re-use** and **distribution** of M&S terrain databases
- **Increases savings** through development costs and time.
 - Assuming an average cost for each new M&S terrain database of at least \$150,000, the databases downloaded to date represent a potential cost **savings of over \$13 million**.

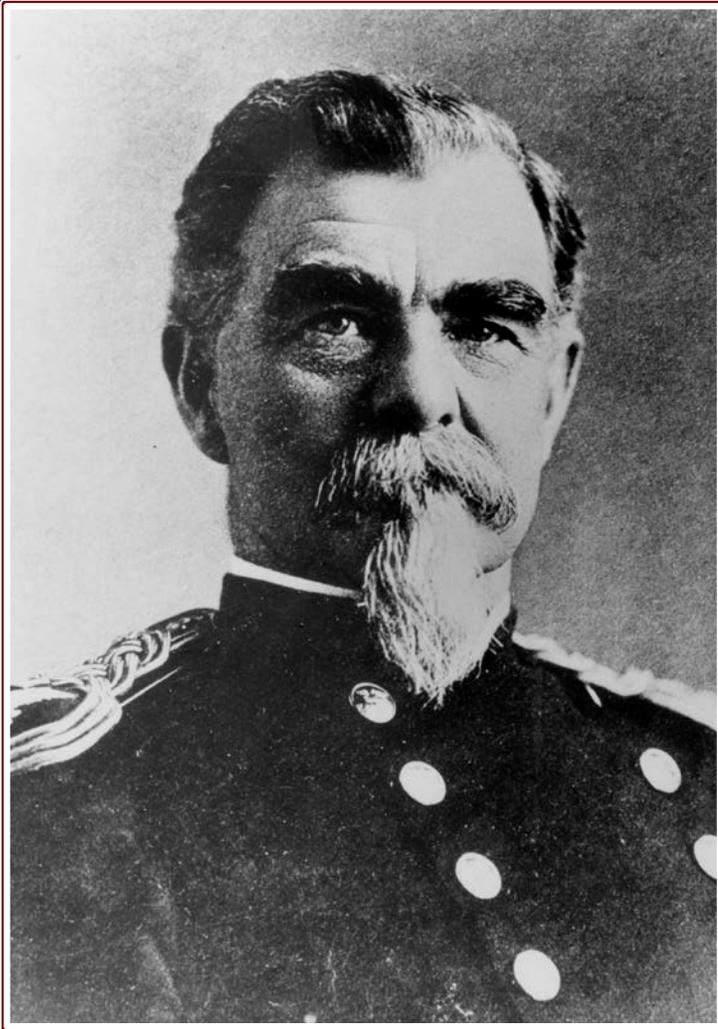
This effort supports the following priorities:

- Secretary of the Army – “Ensuring a highly capable force within evolving budgetary constraints”
- 38th Chief of Staff of the Army – “Provide a trained, equipped, and ready force to win the current fight while maintaining responsiveness for unforeseen contingencies”
- CG, USACE – “Ensure we can maintain and advance DoD and Army critical enabling technologies”

AGC POC is David W. Lilley, at 703-428-6603, email: david.w.lilley@usace.army.mil

You can always find all the Messages to the Regiment at our [AKO site](#) and linked at the bottom of this document —AKO Login is required.

F: Engineer History: The 19th Chief of Engineers – BG John Moulder Wilson



Brigadier General John Moulder Wilson

Chief of Engineers

(February 1, 1897–April 30, 1901)

John Wilson was born October 8, 1837, in Washington, D.C. He graduated from the Military Academy in 1860 and was commissioned in the Artillery Corps. He transferred to the Corps of Topographical Engineers in July 1862 and was awarded the Medal of Honor for fighting at Malvern Hill, Virginia, on August 6, 1862. He joined the Corps of Engineers in 1863 and received three brevets for gallant service in Alabama. After the Civil War, Wilson worked on Hudson River improvements and drafted plans for the canal around the Cascades of the Columbia River. He improved the Great Lakes harbors of Oswego, Cleveland, and Toledo. Wilson headed the divisions of the Chief's office pertaining to military affairs for four years, was in charge of public buildings and grounds in Washington during both of the Cleveland administrations, and was Superintendent of the Military Academy in 1889–1893. Before his appointment as Chief of Engineers in 1897, he was Northeast Division Engineer. As Chief of Engineers, he directed the Corps' activities during the Spanish-American War. He retired April 30, 1901, but remained a prominent figure in the cultural life of Washington until his death there on February 1, 1919.

WILSON, JOHN MOULDER, son of a lawyer; page in the United States senate for four years; cadet at the United States Military academy; active officer in the United States army for forty-one years from lieutenant to chief of engineers and brigadier general and a man of large public service; was born in Washington, District of Columbia, October 8, 1837. His father, Joseph Shields Wilson, was a lawyer, clerk, chief clerk and commissioner in the General Land office, an earnest student, a fine linguist, an authority on legal questions affecting the ownership of land and its conveyance, a man of remarkable memory, an orator and lecturer, strong in likes and dislikes. His mother, Eliza Uhler (Moulder) Wilson, was the daughter of John N. and Mary (Uhler) Moulder.

As a boy John Moulder Wilson attended school in his native city and when twelve years old became a page on the floor of the United States Senate and held the position, 1849-53. He then took a preparatory and freshman course at Columbian College, and in 1854 made the trip to California, via the Isthmus of Darien (Panama) and continuing his journey from San Francisco to Puget Sound located in Olympia, Washington Territory, where he obtained employment. [More:](#)

G. Special Interest: General Information

ALARACT 349/2012, CLARIFICATION OF PROCESSING LINE OF DUTY (LOD) INVESTIGATIONS, DTG: 271701Z DEC 12. This message supplements LOD guidance contained in AR 600-8-4. For an "in line of duty" finding with an approval authority signature in block 15 of the DD FORM 261, no further review or action from the Army Human Resources Command (AHRC) is required. It is the unit's or servicing S-1's responsibility to ensure that the pertinent LOD documents are uploaded into the Soldier's Interactive Personnel Electronic Records Management System (iPERMS) record. For an injury LOD investigation resulting in a "not in line of duty" finding, AHRC will conduct a review. See the message for LOD results submission/management details.

<https://forums.army.mil/SECURE/CommunityBrowser.aspx?id=1914207&lang=en-US>

MILPER MESSAGE 12-402, APPROVAL OF THE HUMANITARIAN SERVICE MEDAL FOR OPERATIONS IN MONTENEGRO, Issued: [26 Dec 12]. This message announces that on 31 Oct 12, the Secretary of the Army approved the HSM for operations in Montenegro for humanitarian assistance and disaster relief for the period 19 Feb 12 to 2 Mar 12. Determination of personnel eligibility is delegated to the Commander, US Army Europe (USAREUR). See the message for more information.

<https://forums.army.mil/SECURE/CommunityBrowser.aspx?id=1913615>

MILPER MESSAGE 12-405, FY2014 NATIONAL SECURITY AGENCY/CENTRAL SECURITY SERVICE (NSA/CSS) DIRECTOR'S FELLOWSHIP PROGRAM (DFP), ISSUED 31 DEC 12. The National Security Agency/Central Security Service (NSA/CSS) Director's Fellowship Program (DFP) provides high-level exposure to current management, operations and resource issues affecting NSA/CSS, and provides an opportunity to observe decision-making processes at the highest echelon. The NSA/CSS Director's Fellowship Program is seeking nominations for the FY13 program, which will run from 31 JUL 13 THRU 31 JUL 14. See the message for eligibility and program details. <https://www.hrc.army.mil/Milper/12-405>

Save the date



H. Recurring Links: [Engineer Casualties](#) ; [PASSAGES](#) ; [The Engineer Update](#) ; [Military OneSource](#) ; [Essayons Forward](#) ; [The Engineer Magazine](#) ; [Current PERSCOM Messages](#) ; [412th ENCOM](#) ; [The West Point Department of Civil and Mechanical Engineering](#) ; [Engineering Knowledge Online](#) ; [The USACE Installation Support Community of Practice Portal](#) ; [Topographic Engineering Center](#) ; [United States Army Engineer Research and Development Center](#) ; [The West Point Department of Geography and Environmental Engineering](#) ; [Joint Task Force North](#) ; [ENGINEER UNIT REGIMENTAL LINKS](#) ; [Maneuver Support Center of Excellence](#)

[Check your entire Official Military Personnel File \(OMPF\)](#)

I. Engineers Supporting Engineers—Professional Organizations Links:

“The appearance of external hyperlinks does not constitute endorsement by the U.S. Army of this Web site or the information, products, or services contained therein. For other than authorized activities such as military exchanges and MWR sites, the U.S. Army does not exercise any editorial control over the information you may find at these locations. Such links are provided consistent with the stated purpose of this Web site.”

1. **Army Engineer Association:** [AEA News](#); [Army Engineer Association Programs](#); [Membership](#).

For more info, email Jack O'Neill, xd@armyengineer.com

Jack O'Neill
Colonel, US Army Corps of Engineers (Retired)
Executive Director, Army Engineer Association
703-428-6049 www.armyengineer.com

For AEA Member information -- please share with anyone you know who may have an interest in this program. Members may validate member status at the member portal - at www.armyengineer.com.

Every Engineer MOS soldier is eligible for membership in the Engineer Regiment's fraternal organization, the Army Engineer Association.

AEA is the nucleus of the Regimental network, providing information and services to Engineer **Soldiers** now serving and **Veterans** through:

- Bi-monthly magazine, Army Engineer
- Discount insurance and banking services through AFBA
- Career and Job Services
- Memorials to Units and Individuals
- Support to Engineer Fallen and Wounded
- Performance Excellence Awards for Junior and Senior Personnel

- Academic Scholarships for Individuals and Family Members
- Support to the Army Engineer Museum

2012 COL Harold M. Beardslee Memorial Scholarship Awardees

This year's winners of \$1,000 scholarships are:

PV2 STEPHEN D. MINER | Calais, ME
 SSG ADAM A. PASTOR | FLW, MO
 SSG ADAM SMITH | FLW, MO
 CPT DANIEL P. BRADY | Rolla, MO
 CAROLYN J. PEARSON | Champaign, IL

Popular Downloads

- **The Evolution of Fort Leonard Wood from 1941 to 2010.** Photographic essay that shows how much the "home" for Army Engineers has changed over the years.
- **The Inseparable Bonds of Engineer Service:** Click [here](#), for a 12-page PDF file to learn more about why being an Army Engineer veteran is so special.
- **Engineer OCS Graduates:** Click [here](#) for an 8-page PDF file about Engineer OCS, Fort Belvoir, VA 1966-1967.
- **Engineer Equipment Development over the Years:** Click [here](#) for a first hand report written by a retired Army Combat Engineer, who went on to a very successful career with Caterpillar, Inc.
- **Women in Engineering:** Click [here](#) to read about women who once served in the military as engineers, and who later went on to successful careers with industry...pathways opening for them by their excellence.

* AEA is now on Facebook -- <http://www.facebook.com/pages/Army-Engineer-Association/154530869611>

* See Engineer Regiment NEWS at AEA website - <http://www.armyengineer.com>

2. [Society of American Military Engineers](#) : [The Military Engineer](#): [Membership](#) : [Bricks & Clicks](#)

a. SAME membership offers industry professionals and service members in the A/E/C, facility management and environmental fields the opportunity to connect through national and regional events, build those relationships through our [worldwide network of Posts](#), and engage in training and development to improve their skill set and that of the nation's military engineering workforce.

[Join Online Today!](#) SAME offers for a one-time \$60 fee continuous membership throughout the duration of your time in uniform, as well as reduced rate pricing tiers for public sector and private sector employees.

b. Education & Training

Continue your professional education at SAME [local and national events](#), including regional training symposiums and the annual [Joint Engineer Training Conference & Expo](#) (JETC).

SAME's Continuing Education Program includes a vast array of continuing education courses geared toward providing in-depth information for professionals working in the DOD marketplace. SAME also offers five courses through our Strategic Partners including the Design-Build Institute of America (DBIA) and the Society for Marketing Professional Services (SMPS). All courses provide PDHs and many offer additional continuing education or learning units that have been approved by other organizations and certification programs.

In an effort to bring these timely educational opportunities to professionals in their local area, SAME Posts and Military Installations may select courses of specific interest and serve as the host for the training. SAME HQ does the rest. The benefit is that local members get access to education that meets their specific needs—and they get it at a location that is conveniently located near their home or office.

Posts or Installations interested in hosting educational sessions can contact Belle Febbraro, SAME Program Manager, at 703-924-2616, or bfebbraro@same.org.

c. Committees & Councils

Engage with others in professional disciplines such as Facility Asset Management, Energy & Sustainability, Joint Engineer Contingency Operations, Small Business, or new in 2013, Architectural Practice. Participating in [SAME's Committees & Councils](#) is a great chance to help shape the conversation among other leaders and decision-makers across DOD and industry.

d. Career Opportunities

Transitioning from military service? Retiring from federal government? Looking for a new and exciting position in the A/E/C industry? If the answer to any of these questions is YES, place your resume on the [SAME Job Center](#)! The site is utilized by hundreds of companies that gain access to your resume through their placement of job announcements and best of all it's free for SAME Members!

Also check out the annual [SAME Transition Workshop & Job Fair](#)—a great way to connect with SAME Sustaining Member firms and public agencies as you leave the service or are just looking for new career opportunities!

e. Information Services—In Print and Online

Stay on top of developments in the A/E/C field through our industry-leading publication, [TME—The Military Engineer](#) magazine and the new *TME Online*, where you'll discover depth features on contracting and design, environmental engineering, civil works and infrastructure resilience, emerging technology, energy and sustainability, engineering lessons learned from the battlefield, and much more.



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The editorial staff is always accepting article submissions on a variety of topics, so check out the [Editorial Calendar](#) today or contact the [TME editor](#) for more.

The [Directory of Member Companies and Organizations](#) can point you in the right direction when starting a new project, while [Bricks & Clicks](#) and [SAME's Flickr page](#) bring you news, notes and photos from events year-round!

f. Future Engineers

SAME continues to reach out to aspiring engineers through its Student Chapter program—now at 49 colleges and universities across the country. SAME membership is FREE for students and provides them with opportunities for leadership and mentorship, plus potential internships or first jobs. To learn more about the SAME College Outreach program, please visit www.same.org/college.

3. [Army Engineer Spouses' Club](#):

a. The Army Engineer Spouses' Club (AESC) would like to personally invite you to become a member. Membership is open to spouses of all Active, National Guard, Reserve, Retired US Army Engineers and all USACE Civilian employees worldwide. AESC offers a monthly Castle Gram newsletter and activities in the greater Washington DC area as well as scholarship opportunities. For more information, please visit our website, <http://armyengineerspouses.com/>. When at our website, don't forget to visit our Castle Boutique – you don't have to be a member to order, just click the shopping cart!

b. Membership Benefits: Becoming a member of the only worldwide Engineer network for those other than Active Duty Military, you will receive a 10% discount at the Castle Boutique -our online Engineer boutique- receive the monthly newsletter- the Castle Gram- be able to join others for monthly outings in the DC area & receive the yearly Red Book -Castle Directory.

ARMY ENGINEER SPOUSES' CLUB

*Army Engineer Memorial Awards
Geraldine K. Morris Award*

The Army Engineer Spouses' Club announces the Army Engineer Memorial Awards and the Geraldine K. Morris Award for 2013. The AEMA award is available to qualifying high school seniors who plan to continue their education at an accredited college, university, technical school, or vocational school. The Geraldine K. Morris Award is available to a graduating high school senior who intends to enroll in a program leading to a nursing degree or certification. Applicants may apply for both of the awards, if qualified, but can only be awarded one of the scholarships.

The AEMA award was established in 1973 as a living memorial to Army Engineer Officers killed in Vietnam and is given annually to honor all Engineers who died in the line of duty. This award is open to students in all fields of study.

The Geraldine K. Morris Award was established in 2006 to honor the service and memory of Mrs. Morris, a former Army nurse and Army wife. The awardee must be enrolled in a program leading to a nursing degree or nursing certification. The Geraldine K. Morris Award is renewable annually, based on GPA, provided a student maintains full-time enrollment in a nursing program.

Both awards are based on academic and extracurricular achievement during high school, along with a written essay. Awards must be applied toward tuition or scholastic expenses at a two-year or four-year college or university, technical school or vocational school. Applications must postmarked by February 28, 2013.

For more information, please contact the Scholarship Committee, c/o Laura Putnam, P. O. Box 6332, Alexandria, VA 22306-6332; or e-mail putnamlp@yahoo.com. In your e-mail subject line, please indicate 2013 AEMA Award. The application will be available on the AESC website at www.armyengineerspouses.com in December 2012.

V/R
William R. Arthur
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"To the Core; for the Corps"

Former "Messages to the Regiment"

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Alternate response email address is usarmy.pentagon.hqda-occe.mbx.daen-zc@mail.mil
