



APG NEWS

Published in the interest of the people of Aberdeen Proving Ground, Maryland

www.TeamAPG.com

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Network upgrades ongoing at APG

Mid-Atlantic Region Network Enterprise Center

Aberdeen Proving Ground is undergoing a substantial network upgrade that will impact nearly every installation organization, and the upcoming phase will likely cause temporary service interruptions.

The Mid-Atlantic Region Network Enterprise Center, or RNEC, has been briefing organization chief information officers and information management officers on Army efforts to modernize the existing APG network infrastructure. The modernization is being accomplished via the Network Modernization-Continental United States, or NETMOD-C, program.

Ultimately, network improvements and other joint service efforts will position the military for a seamless, interoperable network. In addition to upgrading the network infrastructure to newer equipment, NETMOD-C also brings additional capabilities such as Multi-protocol Label Switching, Virtual Local Area Network

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Photo by Rachel Ponder, APG News

Youth learn basic engineering principles

Charity Baggett, a contractor with the U.S. Army Communications-Electronics Research, Development and Engineering Center Educational Outreach team, unwraps a "ruggedized" candy cane while, from left, Zoe Sanders, 6, Nicholas Dockins, 7, and Joshua Sanders, 8, watch in anticipation to see if the candy remained intact during an exercise at the APG North (Aberdeen) youth center April 15.

The science, technology, engineering and mathematics, or STEM-related, exercise, which challenged youth to ruggedize a candy cane using cotton balls, gauze, tape and other materials to prevent breakage when dropped, was a Month of the Military Child celebration activity.

COHORT gathers rising leaders

Story and photos by MARY B. GRIMES
CECOM

The Aberdeen Proving Ground Senior Leader COHORT 8 initiative took another leap forward in March as part of its efforts to create and sustain a cadre of high-potential leaders from across the installation.

Nearly 80 senior leaders gathered at the Mallette Training Facility on APG North (Aberdeen) last month for an afternoon session signaling the kickoff of COHORT 8. The program is a year-long leadership development experience designed for Team APG GS-14 and 15 or equivalent level managers.

"Leadership isn't something that you're born with, and it takes a lot of intelligence, training, perspective and experience," said Larry Muzzelo, Communications-Electronics Command deputy to the commanding general, during remarks welcoming the new COHORT participants. "This training is really to provide you with those experiences."

The COHORT program includes nine sessions focusing on: leadership concepts and knowledge sharing; individual, team and organizational assessments; executive one-on-one coaching; and

See COHORT page 17

Leadership isn't something that you're born with, and it takes a lot of intelligence, training, perspective and experience.

Larry Muzzelo
CECOM Deputy to the
Commanding General



Larry Muzzelo, CECOM deputy to the commanding general, welcomes attendees to the Aberdeen Proving Ground Senior Leader COHORT 8 kickoff meeting at the Mallette Training Facility on APG North (Aberdeen) in March.

Army to toss 'use or lose' budget mindset

By DAVID VERGUN
Army News Service

The Army is seeking to change the "use it or lose it mentality" as it relates to unit budgets, said Lt. Gen. Tom Spoehr.

Spoehr defined that mentality as "the perception throughout the Army that if you don't spend all of your money it will be decremented from future budgets because someone thought you must not have needed all of that money - even though it's not happening that often."

As director of the Army Business Transformation Office, Spoehr is the proponent for this and other key business transformation efforts, known collectively as: "Changing Management Behavior: Every Dollar Counts."

This new policy will be executed Army-wide July 1, per the memorandum "Every Dollar Counts." The memorandum was signed by acting Secretary of the Army Patrick J. Murphy, April 15. Spoehr said more guidance will follow the memo.

"A unit's budget will not be decremented for the sole reason that they failed to expend their money," Spoehr said. There

See EVERY, page 18



Lt. Gen. Tom Spoehr watches as tons of air pressure straighten a hollow tube at the Watervliet Arsenal in New York, Feb. 10. "Every Dollar Counts: Changing Management's Behavior," will improve business practices throughout the Army, including at the arsenals and depots.

Photo by John B. Snyder, Watervliet Arsenal

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STREET TALK

If you could be anyone else in the world for just one day, who would you be and why?

"I guess I'd be the President of the United States because I'd have a lot of power and it's a good paying job."



Christian Rucker, 13

"I would want to be my dad because he takes care of me and does things for me. And since he was in the military I would want to know how it feels."



Briana Long, 11

"I'd be a baker because they bake delicious cakes and serve them in restaurants."



Aiden Studstrup, 7

"I would be Superman so I could save innocent people and be invincible."



L'Erin George, 9

"I'd want to be a unicorn so I could ride rainbows."



Sarah Andrews, 8

Army Emergency Relief Campaign

Never leave a Soldier in need

The Aberdeen Proving Ground Army Emergency Relief (AER) 2016 Campaign began March 15 and will run through **May 30**. Team APG has currently raised **\$25,000** with a goal of **\$40,000**.

Each year, AER provides an average of **\$77 million** in the form of interest free loans and grants to active-duty Soldiers, retirees and their families.

Anyone can make a donation to AER with cash or a check, and every major organization at APG has an AER representative. Donations are also accepted at Army Community Service, Bldg. 2503.

Last year, APG raised **\$56,000** for AER, and local Soldiers, retirees and family members received **\$248,000** in aid from the worldwide AER fund.

To donate, contact your organization's AER representative, or call APG AER coordinator Leary Henry at 410-278-2453. For more information about AER, visit www.aerhq.org.



Calling all Team APG engineers & scientists

The Army Career Program 16 (CP-16) Engineers & Scientist (Non-Construction) Proponency Office will conduct a site visit to APG in coordination with CECOM, ATEC and RDECOM Tuesday – Thursday, May 2-4.

Learn about resources to get FREE education and training! ALL career programs can participate and learn what educational opportunities and training are available. Plus learn the ins and outs of the GoArmyEd system to start the application process. The schedule is as follows:

MAY 2:

- **Myer Auditorium, Bldg. 6000**
8 to 10 a.m. – Leadership Session
- **Bldg. 6002 Combat Drive, CECOM DCG Conference Room**
10 to 10:30 a.m. – In Brief (ATEC, CECOM, RDECOM CCPM, Leadership, and G1)
- **Myer Auditorium, Bldg. 6000 Combat Drive (APG North)**
10:30 a.m. to 12:30 p.m. – Careerist Session
- **Edgewood Area Recreation Center, Bldg. E4140 Austin Road (APG South)**
2 to 4 p.m. – Careerist Session

MAY 3

- **Edgewood Area Recreation Center, Building E4140 Austin Road (APG South)**
9 to 11 a.m. – Careerist Session
- **Myer Auditorium, Building 6000 Combat Drive (APG North)**
1:30 to 3:30 p.m.

MAY 4

- **Edgewood Area Recreation Center, Building E4140 Austin Road (APG South)**
9 to 11 a.m. – Careerist Session
1 to 3 p.m. – Careerist Session
- **Building 6002 Combat Drive, CECOM DCG Conference Room**
2 to 2:30 p.m. – Out Brief (ATEC, CECOM, RDECOM CCPM, Leadership/ Senior Staff, and G1)

For more information, contact:

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RDECOM POC: Scott Paris; scott.w.paris.civ@mail.mil; 410-306-2578



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Know about any interesting upcoming events?

The APG News accepts story ideas and content you think the APG community should know about.

- Story ideas or content must be geared toward the greater APG community and cannot appear to endorse any private company.
- The deadline for content to appear in an upcoming issue of the APG News is the **Thursday PRIOR** to publication. The APG News cannot guarantee submissions received after the Thursday prior to publication will appear in the next issue of the paper.
- Send story ideas or pre-written content to amanda.r.rominiecki.civ@mail.mil or call 410-278-7274 for more information.

Please note, the APG News editor reserves the right to (1) reject any content deemed inappropriate, irrelevant or against regulation, (2) delay the publication of submitted material if it is not timely and (3) edit or shorten content for space and style reasons without altering the meaning of the submission.

See Something

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- Unusual contacts on or off post.
- Unusual aerial activity near or around installation.
- Any possible compromise of sensitive information.

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- Discuss FP measures, capabilities, or posture.
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APG youth joins sibling as Military Child of the Year

By **ELIZABETH M. COLLINS**

Defense Media Activity

For the past decade, the McIntyre-Brewer family has needed to be strong – strong, resilient and hopeful. Strong as an Army family as Capt. Steven Brewer deployed for a total of 36 months. And strong emotionally as Brewer and his wife, Chelle, faced every parent's worst nightmare.

First, they lost one twin, Rory, six months into Chelle's pregnancy. Their unborn daughter, Lorelei, almost died as well, but somehow they made it through the rest of that extremely high-risk pregnancy. Then they learned they might still lose Lorelei.

Half a Heart

She was born with only half her heart, a condition known as hypoplastic left heart syndrome. The size of a walnut, her heart was missing the left ventricle and the mitral valve, and her aorta was too small. She also, they would learn, had a host of other health problems, including Harlequin Syndrome and a life-threatening allergy to petroleum jelly and plastic products.

Doctors immediately rushed the newborn Lorelei to the Children's Hospital of Philadelphia, or CHOP, where she underwent her first open heart surgery. She had a second at 3 months, a third at 3 years and will likely have a fourth sometime in the next year or two.

At age 10, Lorelei has had more than 20 operations and procedures. Even the most routine can be life threatening. Lorelei's heart stopped during a hearth catheterization last summer, for example, and she woke up from a sedated brain MRI temporarily blinded.

As a baby, her oxygen levels dropped to dangerously low or nonexistent levels, leaving her brain-damaged and with autism-like symptoms such as a tendency to wander. Scarring from intubations has led to interstitial lung disease and Lorelei suffers from heavy facial tics and seizures. Most recently, she had a small stroke. She's waiting for a service dog to aid her in daily life and comfort her during medical procedures.

"She's a miracle for sure," Chelle said, explaining that there is no cure. "People will ask me, 'Can she get a new heart? I keep on saying, 'That's not fixing it.' ... People will look at her and say, 'She looks fine.' ... It's frustrating for me and it's frustrating for her. Even now she's having a hard time communicating. She just can't think straight."

After that third open heart surgery, Lorelei's lungs collapsed, leaving her drowning in fluid. Doctors put in extra tubes and they also tried a compression heart pillow. As Chelle explained, holding a pillow "super tight" to the chest after open heart surgery not only helps reduce pain for patients as they cough, "it helps to get out all of the fluids from your lungs." The pillow, however, was Lorelei's great-grandfather's and it was just too big for a tiny, 3-year-old girl.

"It took two months of just trying to get her lungs to build up again and we still had residual issues," Chelle said. "If she has a (heart catheterization), her lungs tend to fill up with fluid and she has to stay overnight no matter what."

Heart Hugs

Lorelei has never forgotten the pain. When she was 5, she told her mother she wanted to learn how to sew. She wanted to make compression heart pillows for other pediatric cardiology patients.

"I don't want other kids to feel the pain that I felt," she said while making a guest appearance on the Dr. Oz show last year, "not only in this heart, but in your heart for love."

Heart Hugs was born.

Today, Lorelei and her helpers have distributed more than 2,500 pillows. Lorelei also makes ornament-sized memorial heart pillows for families that have lost children. That number is tragically high. Chelle estimates that about five children the family knows personally pass away each month.

"It's a way for her to cope," Chelle said. "She writes letters to each of the families. ... She just lets them know that she will always have them in her heart."

"I find it scary. I don't really know [how Lorelei sees it] and I don't want to probe because I don't want to create an issue. I have a recurring dream that I'm missing half of my heart and that I'm dying. I just can't even imagine what it's like for Lorelei. ... There will be no happy ending to our story," Chelle continued, adding that she's so grateful that Brewer is giving up time with Lorelei so she can stay home and care for her and home-school the kids as part of a co-op with other licensed educators.

"Some days are better than others," said Brewer. "You have to carry on with daily life. Most of the time, we are just dealing with normal issues: not cleaning her room, doing homework, feeding the cat, etcetera. But of course, there is also a



Capt. Steven Brewer and his wife, Chelle McIntyre-Brewer, pose with their three children, Cavan, 14; Killian, 3, and Lorelei, 10. The family has remained resilient and giving in the face of numerous challenges, from Brewer's three deployments to illness. All three children have chronic health problems, although Lorelei, who was born with half a heart, has gone through the most. The whole family works as advocates for veterans, wounded warriors and sick children, and both Cavan and Lorelei have been honored as Military Child of the Year, in 2015 and 2016, respectively.

constant monitoring of oxygen, how she feels, do her nail beds look too blue, having medicine on hand. Sometimes it hits me hard and I get really down, but usually I am just happy to have her in my life. We are so fortunate to have had so many great doctors and nurses taking care of her. Just like we say for so many of our troops returning from combat, our perspective on life is now different. That doesn't mean it's bad; it's just our 'new normal.'"

The Army

The McIntyre-Brewer family is enrolled in the Exceptional Family Member Program, although they are so "exceptionally exceptional," according to Chelle, that they have run into difficulties with TRICARE and local providers. In fact, the family can't be stationed with Brewer because they need to stay near CHOP.

"The system needs to be revamped to include diagnoses that are not within the specific framework of what exists," Chelle said. "The Army has the right intentions. ... Our situation is hard. We do not fit a mold. There are a lot of complex kids out there that can move from place to place and receive care at different hospitals. We tried that and Lorelei's health suffered greatly. We recognize our situation is unique ... and we're very proud of the fact that he serves."

A prior enlisted Soldier with a civilian background in mental health and substance abuse, Brewer rejoined the Army in 2007 as a medical service corps officer. He wanted to do his part to help fight terrorism and, as Chelle said, the family had maxed out their civilian health insurance for Lorelei within a year of her birth. Brewer is now a company commander at Kirk U.S. Army Health Clinic at Aberdeen Proving Ground.

"Steve's commands have been wonderful," Chelle said. For example, "When he was in [Officer Candidate School], Lorelei had what could most easily be described as a heart attack. The commander was more than willing to send Steve home. I told him that wasn't necessary because I had things squared away, but asked if I could speak with him. He drove out to the field and found Steve so he could do just that."

Recognition

While Lorelei's health regularly terrifies her parents, she prefers to concentrate on others, be it bereaved families, the children she helps with her pillows or her best friend, Cora. Although the two only met in person in 2014 while appearing on the Dr. Oz show, they were born just a month apart at the same hospital and with the same heart defect. Lorelei is with Cora for every appointment, every procedure.

Among other awards, Lorelei has been honored for her work by the Dr. Oz show as an Everyday Health Hero, by Kohl's Cares and now by Operation Homefront as the 2016 Military Child of the Year for the Army. She received a \$10,000 scholarship during the April 14 ceremony in Washington, D.C., which she plans to save for her dream school, Susquehanna University. She said she wants to study writing.

"The children in our military families demonstrate the best in our society and our ... award recipients are extraordinary representatives of this spirit of selfless service," said retired Air Force Brig. Gen. John I. Pray Jr., president and CEO of Operation Homefront, in a statement. "They perform at a very high level both in and out of school while simultaneously dealing with parental deployments, recurring relocations and other challenges associated with military life."



Cavan McIntyre-Brewer, now 14, comforts his sister, Lorelei, now 10, around the time of her third open heart surgery. Lorelei is Operation Homefront's 2016 Military Child of the Year for the Army. Cavan received the award in 2015 for his work with veterans and wounded warriors.

All in the Family

It runs in the family. Lorelei's older brother, Cavan, 14, who is also a writer with an impressive list of awards, received the honor in 2015 for his work with veterans and wounded warriors. When Cavan was 8, he visited a local veterans' hospital with his Cub Scout troop where he bonded with a Korean War veteran named Wade Holder. Holder invited Cavan to come back and play checkers and Cavan noticed that Holder and a lot of other veterans lacked some basic necessities.

"A lot of them were cold and stuff because they didn't have socks and other necessary items," Cavan explained. "Then we just kept coming back and bringing items and we got churches to donate."

Socks for Vets

"That's what started [Socks for Vets]," remembered Chelle. "It was this one guy who reached out to Cavan when Cavan was feeling really, really down because Steve was deployed. People just sent volumes of this stuff to us and ... it just got bigger and bigger. Cavan just sat there and he was like a little sweatshop worker, just clicking away with his little socks and putting them away."

To date, they've helped almost 10,000 veterans. The McIntyre-Brewers even started making sock monkeys to give to lower limb amputees who couldn't use socks. During one of his hospital visits, – this time to Walter Reed National Military Medical Center – Cavan met Marine Cpl. Mark Fidler, who is a below-the-hip amputee. It was another instant bond, this time for the whole family – Fidler is now the kids' adopted uncle and godfather. Together, Fidler and Lorelei are known as the "halfsies." The man with half a body and the girl with half a heart just "get" each other, Chelle said.

Cavan wanted to help Fidler rediscover his love of nature sports, so he raised and trained goats to act as pack animals for wounded warriors on hikes. In addition, he delivers backpacks full of non-perishable food and toiletries to homeless veterans.

He does it, he said, because vets and wounded warriors "are like family." Cavan has conditions called pectus excavatum and pectus carinatum, which mean his breastbone is slightly misshapen, although doctors say it shouldn't impede his dream of joining the Marine Corps one day and continuing a family tradition of service that dates back to the Revolutionary War.

Advocacy

Both kids receive high grades and are involved in Scouts and advocacy work. "Every single time somebody has a

request, the kids aren't like, 'I don't know if I can do that,'" Chelle said. "They're like, 'Okay. I'll see what I can do.' I just kind of encourage them."

"It's been a really big blessing for me to have them home schooled because I can work on everything: Accounting, sewing, making sure we budget enough because the money that we use comes out of Steve's income. They have to make sure that they're prepared and they have to do all of the planning for the events that they do."

Chelle was the 2008 Military Spouse of the Year and was awarded the Presidential Citizens Medal by President Barack Obama in 2012 for her work advocating for wounded warriors, and high-risk and special needs Army families.

"One of the things I noticed about my wife when we first met was how open and caring she was," said Brewer. "It's what drew me to her; and she was cute. The kids have grown up with that kind of activity being just a normal part of their lives. We also encourage questions and give honest answers, even if it isn't pleasant, so I think that helped them to see problems and ask what they could do to help."

Family Pride

In addition to Cavan and Lorelei, the McIntyre-Brewers have a 3-year-old son, Killian, who also has a heart defect, double midmuscular ventricular septal defect – basically two holes in his heart. He's doing great, however, and the last time doctors listened to his heart it sounded normal. His parents joked that they expect him to receive the Military Child of the Year award next year.

"I said, 'No losers in this house!' Just kidding," Brewer teased. "I think children are typically kind people who have an instinctive empathy for others. If they are given room to flourish and grow that innate kindness, they are encouraged to do more for others. But opportunity can only be one part of the equation. There is just something in these kids that makes them care for others very deeply. Their compassion motivates me to want to do more, rather than the other way around."

"I would be proud of them no matter what," he continued. "Kids need to know that what they do is important, even when it isn't recognized with awards. ... But there is definitely a swell of pride to see them get an award like this in back-to-back years."

And for any child who wonders if he or she can make a difference, Lorelei has one piece of advice (based on one of her favorite cartoons): "Do your best and forget the rest."

Singaporean delegation visits ARL

By **DAVID MCNALLY**
Army Research Laboratory

A group of 10 Singaporean defense officials met with representatives from the U.S. Army Research Laboratory April 8 at the Rodman Materials Research Laboratory on APG North (Aberdeen).

Rear Adm. Harris Chan Weng Yip met with Maj. Gen. John F. Wharton, U.S. Army Research, Development and Engineering Command commanding general, earlier in the day. Chan is Singapore's future systems and technology architect within the Ministry of Defence.

The United States and Singapore have a "comprehensive relationship with productive cooperation on economic, political, and security issues,"

according to the U.S. State Department. Singapore's Nanyang Technological University and ARL are pursuing a cooperative research and development

As part of ARL's Open Campus initiative, we seek out ways to increase opportunities for technology advancement and transfer of research knowledge.

Dr. Mark Valco
ARL Vehicle Technology Director

agreement, or CRADA, on the development of novel and emergent nanomaterials beyond graphene. NTU is one of the two largest public universities in Singapore.

ARL's Dr. Govind Mallick, a research chemist in the Weapons and Materials Research Directorate, lived in Singapore two years and worked side-by-side with Singaporean researchers through the Army Engineer and Scientist Exchange Program. Mallick detailed the CRADA's progress and answered questions from the group.

"We have a great relationship with Singapore," Mallick said. "They are one of the front runners in nanomaterials development research. We look forward to groundbreaking discoveries, innovations and transitions resulting from our collaboration."

During information briefings, the



Photo by Conrad Johnson, RDECOM
Singaporean Rear Adm. Harris Chan Weng Yip, right, leads a discussion with Dr. Mark Valco, U.S. Army Research Laboratory, left, during a visit to APG April 8.

delegation learned about the structure and mission of the ARL from Dr. Mark Valco, director of the laboratory's Vehicle Technology Directorate.

"The laboratory continues to foster synergistic relationships with the international, academic and entrepreneur communities," Valco said. "As part of ARL's Open Campus initiative, we seek out ways to increase opportunities for technology advancement and transfer of research knowledge."

The U.S. Government provides Ful-

bright awards to enable selected American professors to teach or conduct research at the National University of Singapore and the Institute of Southeast Asian Studies, and awards scholarships to outstanding Singaporean students for graduate studies at American universities.

The United States recognized Singapore's independence from Malaysia in 1965 and has had formal diplomatic relations with Singapore since 1966.

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Despite good intentions, don't feed strays

By **STACY SMITH**
APG News

The Humane Society of the United States estimates 86 million cats live in about 39 million households across the country, making cats the most popular companion animal in America. Tens of millions more stray cats live outdoors.

While Team APG animal lovers may be tempted to feed or shelter cats seen roaming the installation, APG pest controllers say turning a stray, feral or abandoned cat into a temporary "pet" actually does more harm than good.

"People feel like if they feed them, then they're saving the cat, and it makes them feel good," said Rayner Little, APG pest control technician. "But in reality they're doing the cat a disservice."

Little said feeding stray cats makes them dependent on humans for their survival, and quickly increases their population size, leaving them vulnerable to traffic and predators. Additionally, feeding and sheltering a cat can draw more animals to the area and bring health and safety concerns, such as fleas, decomposition and odor.

For their health and safety, people who find a cat should not approach it, but instead call APG Pest Control at 410-278-3303, or place a work order on the APG homepage at www.TeamAPG.com.

com. Pest control inspectors will respond as soon as possible, trap the animal and turn it over to the Harford County Division of Animal Control.

"We try to be as humane as possible," Little said, adding the team does not place traps during inclement weather, during extreme cold or hot conditions, or on weekends in an effort to avoid trapping an animal under conditions that may pose a danger to its health.

According to the Humane Society of Harford County, or HSHC, all pets that are picked up by the county's animal control division are brought to the HSHC. Local laws require that stray animals be held for a period of time so owners can find and reclaim them. If a cat is not claimed by its owner within three days, the cat becomes the property of HSHC and is eligible for adoption.

For this reason, the HSHC recommends that pet

owners searching for a lost pet check with them via phone at 410-836-1090 or in person frequently during the first few days the pet is missing.

The Humane Society recommends that owners who are unable to keep a pet due to relocation or financial trouble should first try to find a good home for it before relinquishing it to a shelter. Never release a domestic pet into the wild. The following are some tips for placing a pet in a loving new home.

“People feel like if they feed them, then they’re saving the cat, and it makes them feel good. But in reality they’re doing the cat a disservice.”

Rayner Little
DPW Pest Control Technician



Courtesy photo

A feral kitten found on Aberdeen Proving Ground in 2015 was turned over to the Harford County Humane Society.

- Make the pet more attractive to potential buyers. Vaccinating and spaying or neutering a pet will make it more likely to be adopted.
- Advertise through friends, neighbors and local veterinarians. Post a pet photo and story on social media.
- Be transparent with potential adopters. Be prepared to share details about

the animal's personality and any medical or behavioral issues.

- Get help from shelters and rescue groups. Some shelter and rescue organizations will post pet photographs and profiles on their website.

For more information, visit the Humane Society website at <https://www.humanesociety.org>.



Want to make a difference in how services are rendered at APG? Tell us how we are doing. Visit <http://ice.disa.mil>.

Click on "ARMY" then "Aberdeen Proving Ground."

MARK YOUR CALENDAR

MORE ONLINE

More events can be seen at www.TeamAPG.com

events&town halls

TUESDAY APRIL 26

SHARP POETRY SLAM

The Army Test and Evaluation Command and Team APG SHARP will host A SHARP Poetry Slam at the Mallette Auditorium, Bldg. 6008 from 10:30 a.m. to noon.

A Poetry Slam is a competition at which poets read or recite original work. These performances are then judged on a numeric scale by previously selected members of the audience. Participants will present Sexual Harassment and/or Sexual Assault themed poems focusing on such topics as prevention, culture change, intervention, awareness, and more. All poets are welcome, even those who have never even considered writing poetry before.

Personnel who attend will receive credit for the online SHARP Part II Annual Training. Certificates will be provided to attendees.

For more information, contact Jody Jackson at 443-861-9258 or Michcell Shultz at 410-278-0137.

SATURDAY MAY 14

RETIREE APPRECIATION DAY

The Aberdeen Proving Ground Retiree Appreciation Day is set for Saturday, May 14 at the APG North (Aberdeen) recreation center.

The event will begin with registration at 8 a.m.

More details will follow.

For more information, contact Tom Shumate at thomas.s.shumate2.civ@mail.mil or 410-306-2303.

TUESDAY MAY 24

SENIOR SERVICE COLLEGE FELLOWSHIP GRADUATION

The Defense Acquisition University - Senior Service College Fellowship Program will host a graduation ceremony for its current 2015-2016 class at 11 a.m. at the Myer Auditorium, Bldg. 6000.

The graduation ceremony marks the culmination of ten months of full-time, rigorous study focused on developing acquisition and leadership attributes. A short reception will follow. Please RSVP by May 19 to Ben Metcalfe at benjamin.metcalfe@dau.mil or 410-272-9471.

meetings&conferences

WEDNESDAY APRIL 27

DAU TRAINING SYMPOSIUM

The Defense Acquisition University campus at APG will host a VTC for the one-day hot topic training forum 7:45 a.m. to 4:30 p.m., at 6175 Guardian Gateway on APG with no cost to remote viewers. The symposium will be fed live from Fort Belvoir, Virginia.

This year's theme is "Strengthening Cost Consciousness, Professionalism, and Technical Excellence." Frank Kendall, Under Secretary of Defense for Acquisition, Technology and Logistics is the keynote speaker.

The event offers plenary and classroom training sessions tied to the Better Buying Power 3.0 initiatives. In a period of fiscal challenges and technological opportunities, the training will focus on learning hard skills - training in the latest acquisition policy, practices and techniques that attendees can take back to the workplace and apply. The symposium provides six Continuous Learning Points for continued DOD acquisition certification.

Seating is limited. To sign up, contact Ben Metcalfe at 410-272-9471 or email benjamin.metcalfe@dau.mil or. For more information about the symposium, visit <http://dauaa.org/Symposium2016/Index.htm>

THURSDAY APRIL 28

MOAA DINNER

The Susquehanna Chapter of the Military Officers Association of America, or MOAA, will host a Professional Development Dinner Meeting 6 to 9 p.m. at Bertucci's Italian Restaurant, near the Festival Shopping Center, in Bel Air, Maryland. Registration and networking starts 6 p.m.; the dinner begins 6:45 p.m. Tickets are \$32 per person for members and spouses and \$35 for non-members.

The guest speaker is Maryland State Senator Robert G. Cassilly. A former U.S. Army Judge Advocate Cassilly helped efforts to establish a provincial-level government in Tikrit, Iraq, and to counter violent extremists in the Near Eastern Region.

MOAA is the nation's largest and most influential association of military officers.

For more information, or to make a reservation, contact T.J. Staffieri at 904-200-9996; visit the Susquehanna Chapter MOAA website at <http://susquehannamoaa.org/chapter-activities>; or email info@susquehannamoaa.org.

RESTORATION ADVISORY BOARD MEETING

The next Restoration Advisory Board meeting will be held at the Ramada Conference Center in Edgewood from 7 to 9 p.m.

For more information, contact Karen Jobses at 410-436-4429.

MONDAY-WEDNESDAY MAY 2-4

CAREER PROGRAM 16 SITE VISIT

The Army Career Program 16 (CP-16) Engineers & Scientist (Non-Construction) Propensity Office will conduct a site visit to APG in coordination with CECOM, ATEC and RDECOM.

The schedule is as follows:

MAY 2:

- Myer Auditorium, Bldg. 6000
- 8 to 10 a.m. – Leadership Session
- Bldg. 6002 Combat Drive, CECOM DCG Conference Room
- 10 to 10:30 a.m. – In Brief (ATEC, CECOM, RDECOM CCPM, Leadership, and G1)
- Myer Auditorium, Bldg. 6000 Combat Drive (APG North)
- 10:30 a.m. to 12:30 p.m. – Careerist Session

- Edgewood Area Recreation Center, Bldg. E4140 Austin Road (APG South)
- 2 to 4 p.m. – Careerist Session

MAY 3

- Edgewood Area Recreation Center, Building E4140 Austin Road (APG South)
- 9 to 11 a.m. – Careerist Session
- Myer Auditorium, Building 6000 Combat Drive (APG North)
- 1:30 to 3:30 p.m.

MAY 4

- Edgewood Area Recreation Center, Building E4140 Austin Road (APG South)
- 9 to 11 a.m. – Careerist Session
- 1 to 3 p.m. – Careerist Session
- Building 6002 Combat Drive, CECOM DCG Conference Room
- 2 to 2:30 p.m. – Out Brief (ATEC, CECOM, RDECOM CCPM, Leadership/ Senior Staff, and G1)

For more information, contact: CECOM POC: Tiffany Grimes; tiffany.l.grimes.civ@mail.mil; 443-861-7901; ATEC POC: Robert Malone; robert.g.malone.civ@mail.mil; 443-861-9766; RDECOM POC: Scott Paris; scott.w.paris.civ@mail.mil; 410-306-2578

health&resiliency

UNTIL FURTHER NOTICE

SMALLPOX VACCINATIONS UNAVAILABLE AT KUSAHC

Please be advised that Kirk U.S. Army Health Clinic is currently unable to administer smallpox vaccinations due to temporary non-availability. An announcement will be made when vaccinations are to be resumed.

For questions, call 410-278-5475.

THURSDAY APRIL 28

LET'S MOVE IN THE COURTYARD CIRCUIT TRAINING & PRESCRIPTION TAKE-BACK EVENT

The C4ISR Wellness Committee will host a "Let's Move in the Courtyard Circuit Training" event sponsored by the APG Wellness Center at the C4ISR Complex Courtyard from 11:30 a.m. to 12:30 p.m.

The weather is breaking and it is the perfect time to take advantage of our beautiful courtyard to get active. Activity is one of the major components of the Army Performance Triad—a healthy Base Initiative focusing on the importance of Sleep, Activity, and Nutrition as fundamental building blocks to maintain a Ready and Resilient military and civilian workforce.

Open to all members of Team APG, activities for the event may include, but are not limited to: jump roping, bosu ball burpees with an overhead press, medicine ball side throws, squats (jumps squats or standing squats), tire runs, step ups, walking/jogging/running drills around the courtyard, and walking lunges.

Information tables on sleep, activity, and nutrition will also be present.

Registration to participate in the circuit training is required to estimate equipment needed. Participants should arrive by 11:20 a.m. to walk through the activities and receive instructions on proper form.

Rain location will be the complex pavilion. Participants should bring a mat and wear proper clothing.

Contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil by April 21 to register.

During the same event, the Army Substance Abuse Program will be on hand to collect expired, unused, and unwanted prescription (RX) drugs and over-the-counter (OTC) medicines as part of the APG Prescription/Over-the-Counter Take-Back Campaign. Collections will take place from 11 a.m. to 1 p.m.

For more information about the Prescription/Over-the-Counter Take-Back Campaign, contact Cindy Scott at 410-278-4013/3784 or cynthia.m.scott4.civ@mail.mil.

TUESDAY MAY 3

WOMEN'S HEALTH INFO SESSION

The C4ISR Wellness Committee will host a Women's Health Information Session from 11:30 a.m. to 12:30 p.m. at Bldg. 6001, 2nd floor, room 224. Dr. Allison Agwu will cover a variety of health needs as they relate to women, such as pregnancy, breast cancer, and osteoporosis, as well as how living a healthy lifestyle with proper nutrition, exer-

cise, stress management, and preventive care. She will also give a 10 minute "Butts and Guts" class demonstration.

The session is open to civilians, contractors, and military. Non-C4ISR employees must bring their CAC to gain access to the building. Contractors who participate in CECOM activities must not invoice government contracts for time spent at these activities.

For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

THURSDAY MAY 5

EATING HEALTHY FOR CINCO DE MAYO INFO SESSION

The C4ISR Wellness Committee will host a Healthy Eating for Cinco de Mayo Informational Session from 11:30 a.m. to 12:30 p.m. in Bldg. 6001, 2nd floor, room 224. This session, will cover healthy eating tips that will allow you to celebrate the holiday with friends and family, while maintaining a healthy lifestyle. A mini cooking demo will showcase an example of a healthy, festive meal.

The session is open to civilians, contractors, and military. Non-C4ISR employees must bring their CAC to gain access to the building. Contractors who participate in CECOM activities must not invoice government contracts for time spent at these activities.

For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

THURSDAY MAY 12

HIGH BLOOD PRESSURE AND STROKE INFO SESSION

The C4ISR Wellness Committee will host a High Blood Pressure/Stroke Informational Session from 11:30 a.m. to 12:30 p.m. at Bldg. 6000 Myer Auditorium. Learn why high blood pressure is called the silent killer and how it increases your risk of heart disease and stroke. After the presentation, join in a Zumba demonstration that will show you how to have fun while improving your blood pressure. Blood pressure screenings will be held 11 a.m. to 1 p.m. The session is open to all. Contractors who participate in CECOM activities must not invoice government contracts for time spent at these activities.

For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

EDGEWOOD DENTAL CLINIC CLOSURE

The APG South (Edgewood) Dental Clinic will be closed Thursday, May 12. For more information, contact Sgt. Tracy Glover at tracy.s.glover4.mil@mail.mil.

THURSDAY MAY 19

OSTEOPOROSIS INFO SESSION

The C4ISR Wellness Committee will host an Osteoporosis Informational Session from 11:30 a.m. to 12:30 p.m. in Bldg. 6001, 2nd floor, room 224. Osteoporosis is not just a problem for little old ladies! It is a condition that is preventable and reversible without using dangerous drugs and their side effects. In this class you will learn what triggers osteoporosis and its precursor osteopenia. This class will also teach you practical, simple steps to protect yourself from weak bones that can lead to debilitating fractures as you age. You may be surprised to know it's not all about calcium!

The session is open to civilians, contractors, and military. Non-C4ISR employees must bring their CAC to gain access to the building. Contractors who participate in CECOM activities must not invoice government contracts for time spent at these activities.

For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

family&children

SATURDAY APRIL 23

HARFORD COUNTY EARTH DAY CELEBRATION

Harford County will host its Earth Day Celebration at Aberdeen's Festival Park from 11 a.m. to 4 p.m. Festivities will include environmental exhibits and displays, recycled crafts, live music, food, native animals, life-sized chess, scrap hockey and other recycled games, and more. Attendees can bring a white t-shirt for free tie-dye.

The rain date for this event is Sunday, April 24.

For more information, call 410-297-4215.

miscellaneous

THROUGH FRIDAY APRIL 29

GARRISON TRAINING NEEDS ASSESSMENT SURVEY

IMCOM has identified the need to develop our personnel with the right skills and enable them to execute our mission in the most effective ways possible as a top priority.

USAGAPG Workforce Development is currently supporting that initiative by providing

our workforce with Career Program specific training, leadership training and seminars, performance management tools and resources along with professional development opportunities and support.

By completing the below Training Needs Assessment Survey, our office will be able to direct resources to areas of greatest demand and to continue to expand the quality training opportunities that is required to aid in organizational mission success.

The survey can be accessed until April 29 at this link: <https://www.surveymonkey.com/r/BBDYNCL>.

For more information, contact Jill Brodbeck at 410-278-9917 or jill.m.brodbeck.civ@mail.mil.

ONGOING

APG SOUTH 2016 WATER MAIN FLUSHING

The APG Garrison Directorate of Public Works has announced its APG South (Edgewood) 2016 water main flushing schedule.

The Edgewood DPW Waterworks Branch will perform water main flushing during the following times:

- **April through June:** E2000 area.
- **May 12-14:** APG South housing area, Austin Road.
- **July through Sept.:** E3000-E4000 area.
- **Aug. 11-13:** APG South housing area, E1220-E1300 area, and child care center.
- **Oct. through Dec.:** E5000 area.
- **Nov. 10-12:** APG South housing area, Austin Road.

For more information, contact Robert Warlick at 410-436-2196 or robert.w.warlick2.civ@mail.mil.

ONGOING

2016 FIRE MARSHALL PROGRAM SCHEDULE

The APG Directorate of Emergency Services Fire Protection & Prevention Division will host Fire Marshall classes the second Wednesday of the month, unless otherwise noted. All classes will be held from 9 a.m. to noon and attendees will receive a certificate of completion at the end of the class.

Upcoming class dates include:

- **May 19** – APG North, Bldg. 4403
- **June 28** – APG South, Bldg. E4810
- **July 14** – APG North, Bldg. 4403
- **Aug. 11** – APG North, Bldg. 4403
- **Sept. 27** – APG South, Bldg. E4810
- **Oct. 13** – APG North, Bldg. 4403
- **Nov. 17** – APG North, Bldg. 4403
- **Dec. 15** – APG North, Bldg. 4403
- **Dec. 20** – APG South, Bldg. 4403

Additional classes can be scheduled on a case-by-case basis. For more information, contact Inspector Loren Brown at 410-278-1128.

ONGOING

2016 FIRE EXTINGUISHER TRAINING

The APG Directorate of Emergency Services Fire Protection & Prevention Division will host fire extinguisher training classes on APG North (Aberdeen) and APG South (Edgewood) throughout 2016.

Two classes will be held each day from 10 a.m. to noon, and 1 p.m. to 3 p.m. at the following dates and locations:

- **May 19** – APG North, Bldg. 4403
- **June 23** – APG South, Bldg. E4810
- **July 14** – APG North, Bldg. 4403
- **Aug. 17** – APG South, Bldg. E4810
- **Sept. 15** – APG North, Bldg. 4403
- **Oct. 13** – APG South, Bldg. E4810
- **Nov. 17** – APG North, Bldg. 4403
- **Dec. 22** – APG South, Bldg. E4810

For more information, contact Ernie Little at 410-306-0583 or ernest.w.little.civ@mail.mil.

ONGOING

APG ARMY EDUCATION CENTER REDUCED HOURS

The APG Army Education Center is operating under reduced hours. New hours of operation are Monday through Wednesday, 8 a.m. to 4 p.m.

During this time, visit Evelyn Childs, alternate test control officer and counselor support at Bldg. 4305, room 233, or contact her at 410-306-2037 or evelyn.a.childs.ctr@mail.mil.

For additional information or support, contact the center's West Point personnel, Counselor Nancy Judd at 845-938-3464 or nancy.judd@usma.edu or Education Services Specialist Neil Sakumoto at 845-938-5389 or neil.sakumoto@usma.edu.

The education center apologizes for any inconvenience caused by the reduced hours of operation.

ONGOING

FIREWOOD AVAILABLE FOR SALE

Firewood is available at a cost of \$20 per level standard 8-foot pick-up truck, \$15 per level standard 6-foot pick-up truck, and \$5 per car trunk load. Permits to buy wood are good for ten days, or until an order is filled, whichever comes first. Permits will be issued 8 a.m. to 3 p.m. on a first-come-first-served basis at APG South (Edgewood) in Bldg. E4630, Monday through Thursday. For more information, contact Scott English at 410-436-9804 or Kathy Thisse at 410-436-8789.



APG Prescription & OTC Take Back Campaign

Bring expired, unused, unwanted prescription and over-the-counter medicines. No "sharps" or liquids.

- **Saturday, April 23** – Family Color Fun Run @ APG North (Aberdeen) main post chapel – 9:30 to 11 a.m.
- **Tuesday, April 26** – ATEC HQ, Bldg. 2202 – 11:30 a.m. to 1 p.m.
- **Wednesday, April 27** – Edgewood Express Bldg. E4010 – 11:30 a.m. to 1 p.m.
- **Thursday, April 28** – Myer Auditorium, Bldg. 6000 – 11:30 a.m. to 1 p.m.
- **April 25 - April 29** – APG North Police Station, Bldg. 2200 – 7 a.m. to 4 p.m.

POC: Cindy Scott, ASAP PC, (410) 278-4013/3784, Cynthia.M.Scott4.civ@mail.mil



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Check us out on flickr
<http://www.flickr.com/photos/usagapg/>

CERDEC streamlines tactical network capabilities evaluation

By **KRISTEN KUSHIYAMA**
CERDEC

The Army's communications-electronics research center hosted a planning meeting to discuss possible technologies and systems they will evaluate and assess the remainder of Fiscal Year 2016 and into Fiscal Year 2017 at Joint Base McGuire-Dix-Lakehurst, New Jersey March 8-9.

Engineers and scientists from the Army's research and development community attended the U.S. Army Material Command's Communications-Electronics Research, Development and Engineering Center, or CERDEC, Ground Activity's Fiscal Year 2016 Campaign of Events Planning Meeting. The CERDEC Ground Activity architects and executes operationally relevant events to test, assess, analyze and fix solutions for the Army's communications and electronic needs.

The CERDEC Ground Activity supports the maturation process of these solutions by assessing them through data collection, reduction and reporting in a non-attribution environment.

It also provides the Army with an operationally-relevant, field-based risk reduction venue that specializes in systems engineering and integration and provides relevant tactical networks architectures, said Adam McCauley, branch chief of the CERDEC Ground Activity, which is under the CERDEC Space and Terrestrial Communications Directorate Systems Engineering, Archi-

itecture, Modeling and Simulation, or S&TCD SEAMS, Division.

This year, the CERDEC Ground Activity has transitioned from hosting a single, generalized, yearly event to three operationally themed, more specialized campaigns.

"By coming up with a campaign of events that are smaller and more detailed, we can better support the community, and our demonstrations can be better focused on the output," McCauley said.

The three campaigns slated for this year include "Cyber Blitz: Converged Command Post," "Cyber Blitz II," and "Networking to Improve Maneuver/Expeditionary Operations."

Cyber Blitz: Converged Command Post spans numerous Army organizations and looks to better define how the Army should set-up Command Posts to better leverage its cyber capabilities. Cyber Blitz II will be a follow-on campaign that will continue to expand upon the Army's use of cyber.

Networking to Improve Maneuver/Expeditionary Operations will look at the interoperability and efficiency of communications capabilities for expeditionary forces and troops on the move. This campaign will include hardware convergence, network simplicity, and cellular and intra-Solider wireless capabilities.

"With the first campaign being completed this spring, we will have a pretty good indication of whether this is a better construct than the annual ven-



Photo by Kelly White, CERDEC

In addition to supporting the maturation process of Army communications and electronics solutions by assessing them through data collection, reduction and reporting in a non-attribution environment, the CERDEC Ground Activity provides vehicle integration support for systems being assessed.

ue when you look at the outcome and when we look at what stakeholders we are able to attract and bring out there to see what we are doing," said John Willison, CERDEC S&TCD director. "It's not just about the products, it's about getting people familiar with what we are trying to do."

The change to the campaign construct also ties into a larger effort for CERDEC S&TCD. Moving the CERDEC Ground Activity under the CERDEC S&TCD SEAMS' Division allows for better alignment of the center's modeling and simulation, lab-based risk reduction and field-based risk reduction capabilities.

"I organizationally moved the CERDEC Ground Activity under SEAMS because that put modeling and simulation, lab-based risk reduction and field-based risk reduction under the same executing unit. We talk a lot about what we are going to do up at Dix in the field-

based risk reduction, but it's always meant to have that flow from modeling and simulation to lab-based, field-based. It's really a total experimentation construct," Willison said.

Beyond the three "themed" events throughout the year, there is still an opportunity for organizations whose technologies do not fit into a campaign to leverage the CERDEC Ground Activity.

"We've got at least 10 smaller events also scheduled in the white space between those three different events," Willison said. "They're still kind of at a customer-funded level effort. There's still the ability for them to come up and use that capability. It just may not be in a major event, but they should still get the results they want out of it."

The CERDEC Ground Activity will continue to refine its campaigns leading up to their execution to ensure continued field-based risk support to the Army.

“By coming up with a campaign of events that are smaller and more detailed, we can better support the community, and our demonstrations can be better focused on the output.”

Adam McCauley

CERDEC Ground Activity Branch Chief

Submit letters to the editor to usarmy.apg.imcom.mbx.apg-pao@mail.mil



ALL THINGS MARYLAND

Ellicott City Station Oldest surviving station in the nation

Story and photos by **RACHEL PONDER**
APG News

Travel back in time with a visit to the Baltimore & Ohio Railroad Museum: Ellicott City Station, the oldest surviving railroad station in America.

Completed in 1831, the railroad station was in the center of a thriving agricultural and industrial area known as “Ellicott’s Mills,” which was renamed Ellicott City in 1867.

Museum site manager Tom Hane said the first 13 miles of track was completed between Baltimore and Ellicott’s Mills on May 20, 1830. Ellicott’s Mills served as the original end of the line, or terminus, of the B & O Railroad. The first year the railroad opened, more than 81,000 passengers traveled along this main line.

Hane said about 17,000 people visit the museum each year.

“People of all ages enjoy Ellicott City Station,” he said. “Younger children enjoy watching the model trains in the freight house and climbing up in the caboose. Older children and adults also appreciate the history of the site.”

Hane said the station, which was used for sending telegraph messages and transporting troops, was a vital tool for Union forces during the Civil War. Because of the significance of the site, Ellicott City Station was added to the National Register of Historic Places in 1968.

The museum website at www.borail.org, states that second only to Baltimore, Ellicott City served as a significant commuter station and consistently generated the most passengers along the B&O’s Main Line throughout its history.

The B&O carried passengers to the station until 1949, and its successor, CSX, operated it as a freight station until it was damaged by flooding caused by Hurricane Agnes in 1972. In 1976, the station was restored and turned into a museum.

The Main Depot building features exhibits that recreate what the station looked like when it was in operation. They include the freight agent’s living quarters, the station administrative office and the ticket and telegraph office. Artifacts from when the station was in use are displayed throughout the museum.

Other highlights include a 1927 caboose and a 40-foot HO-gauge model train layout, showing the original 13 miles of commercial railroad track from Baltimore to Ellicott’s Mills, located in a freight house designed by E. Francis Baldwin in 1885.

Throughout the year, the museum hosts special exhibits and educational events. Through May 16, visitors can view the exhibit, “Women of the B&O Railroad,” featuring one of the most notable women of the railroad industry, Olive W. Dennis, a research engineer who focused on passenger service improvements. The exhibit also tributes stewardess-nurses, the predecessors to modern-day flight attendants.



(Clockwise from top) The B&O C-2149 Caboose is one of the main attractions at the Baltimore & Ohio Railroad Museum: Ellicott City Station; This exhibit replicates what the station administrative office looked like from 1831 to 1856. In 1856, the station was modified to accommodate both freight and passenger service and this space served as a waiting room for women and children. The room functioned in this capacity until the late 1930s; The Ellicott City Station, completed in 1831, is the oldest surviving railroad station in America; The Ellicott City Station, completed in 1831, is the oldest surviving railroad station in America.



On Saturday, April 23 from noon to 4 p.m., the museum will host “Finders Seekers,” featuring Civil War-era relics discovered in Maryland. In addition to this and other educational events, the museum hosts an annual “Holiday Festival of Trains” event during December and early January,

which draws large crowds.

The Baltimore & Ohio Railroad Museum: Ellicott City Station is located at 2711 Maryland Avenue, adjacent to Main Street in the historic district of Ellicott City. Hours of operation are Wednesday through Sunday, 11 a.m. to 4 p.m. Admission is \$8 for adults; \$7

seniors; and \$6 for children ages 2 to 12; children under 2 are free. Starting June 1 through Labor Day, active duty military and their families can visit the museum free through the Blue Star Museum program. For more information visit <http://www.borail.org/Ellicott-City-Station.aspx>.

Aberdeen native serves aboard nuclear-powered submarine

By **CHIEF MASTER COMMUNICATION SPECIALIST BILL STEELE**

Navy Office of Community Outreach

A 1991 Aberdeen High School graduate and Aberdeen, Maryland native is serving in the U.S. Navy as part of a crew working aboard one of the world’s most advanced nuclear-powered fast attack submarines, USS Santa Fe.

Senior Chief Timothy Lugo is an electronics technician (navigation) serving aboard the Pearl Harbor-based submarine, one of 40 Los Angeles-class submarines making it the backbone of the submarine force.

A Navy electronics technician is responsible for the navigation equipment aboard a submarine.

“There’s never a dull moment,” Lugo said. “Being aboard a sub is very dynamic and changes daily.”

With a crew of 130, this submarine is 360 feet long and weighs approximately 6,900 tons. A nuclear-powered propulsion system helps push the submarine through the water at more than 25 mph.

Attack submarines are designed to hunt down and destroy enemy submarines and surface ships; strike targets ashore with cruise missiles; carry and deliver Navy SEALs; carry out intel-



ligence, surveillance, and reconnaissance missions; and engage in mine warfare. Their primary tactical advantage is stealth, operating undetected under the sea for long periods of time.

“Submarine sailors never cease to amaze me with their ability to complete complex missions in the world’s most challenging environments,” said

“This is the boat on the waterfront and we have an awesome chain of command—the officers are top-notch, the chiefs are great, and the enlisted are go-getters”

Senior Chief Timothy Lugo
Electronics technician (navigation) serving aboard the Pearl Harbor-based submarine

Rear Adm. Fritz Roegge, Commander, Submarine Force, U.S. Pacific Fleet. “Continued U.S. undersea superiority is not possible without their dedication, expertise and professionalism.”

According to Navy officials, because of the demanding environment aboard submarines, personnel are accepted only after rigorous testing and obser-

vation. Submariners are some of the most highly trained and skilled people in the Navy. The training is highly technical and each crew has to be able to operate, maintain, and repair every system or piece of equipment on board. Regardless of their specialty, everyone also has to learn how everything on the ship works and how to respond in emergencies to become “qualified in submarines” and earn the right to wear the coveted gold or silver dolphins on their uniform.

“This is the boat on the waterfront and we have an awesome chain of command—the officers are top-notch, the chiefs are great, and the enlisted are go-getters,” Lugo said.

Challenging submarine living conditions actually build strong fellowship among the elite crew, Navy officials explained. The crews are highly motivated, and quickly adapt to changing conditions. It is a busy life of specialized work, watches, and drills.

“Serving on a submarine isn’t the easiest thing in the world to do,” Lugo added. “Being on a sub is hard, we are gone a lot. It’s especially hard for the young kids. While their friends are out having fun, they’re out there serving their country.”

MORALE, WELFARE & RECREATION



Learn more about APG MWR activities and services by going online at www.apgmwr.com.

Upcoming Activities

SAVE THE DATE NEWCOMER'S ORIENTATION APRIL 26

1 to 3 p.m.; APG North (Aberdeen) recreation center

Newly-assigned Soldiers and civilian employees are encouraged to attend the APG Newcomers Orientation. Sponsors should bring family members. More than 35 APG community activities and organization representatives will welcome new members of Team APG with handouts and answer questions regarding their programs and services.

For more information, contact Jennifer Eichner at 410-278-2500.

INSTALLATION SOCIAL APRIL 26

4:30 p.m.; Top of the Bay

The next installation social will be a Denim Day social at Top of the Bay on APG North (Aberdeen). Complimentary refreshments and a cash bar will be available. Team APG is encouraged to wear jeans in observance of Sexual Assault Awareness Month.

For more information, call 410-278-5915.

GIs OF COMEDY SHOW MAY 19

5 p.m.; APG North (Aberdeen) recreation center

APG MWR will host "GIs of Comedy," a free comedy show at the APG North recreation center. Doors open at 5 p.m., show starts at 6 p.m. Refreshments will be available for purchase.

For more information, call 410-278-3931.

ARMY/NAVY GAME TICKETS DEC. 10

While supplies last, MWR Leisure Travel Services has tickets to the Army v. Navy game on Dec. 10 at the M&T Bank Stadium in Baltimore. Tickets are \$91 a person.

For more information, or to purchase tickets, call 410-278-4011/4907.

CHILD & YOUTH SERVICES

MONTH OF THE MILITARY CHILD 2K COLOR FAMILY FUN RUN APRIL 23

APG MWR will host a free 2K Color Family Fun Run starting 10 a.m. at the APG North (Aberdeen) youth center. Rain date will be Saturday, April 30. Active-duty, Reservist, wounded warrior and Gold Star family registration

begins Feb. 22. All other registration begins Feb. 29. Registration is open to the first 750 participants. All ages are welcome.

Register online at <https://apgmomcolorrn2016.eventbrite.com>. All participants, regardless of age, must register. The first 300 youth ages 3 to 15 will receive a t-shirt.

Volunteers are needed for the fun run. Volunteers can register at <https://apgvolunteercolorrn2016.eventbrite.com>.

FAMILY MOVIE NIGHT APRIL 29

6 p.m.; APG South (Edgewood) recreation center

The next family movie night will feature "Dolphin Tale" at the APG South recreation center starting at 6 p.m. The free event will include a craft. Giveaways and light snacks will be available. Families are also allowed to bring their own meal.

For more information, call 410-278-4011.

PARACHUTING INTO KINDERGARTEN MAY 4

11:30 a.m. to 12:30 p.m.; Bldg. 2503

Is your child ready for kindergarten? Make sure your student is prepared! Find out how to ensure soft landings during this class held the CYSS admin building, conference room #214.

For more information, call 410-278-2857.

BEFORE & AFTER SCHOOL CHILD CARE IMMEDIATE OPENINGS

Participants must be registered with the CYSS Parent Central Office. Fees are based on total family income. Fees waived for all middle school students' afternoon care.

For more information, contact the Parent Central Office at 410-278-7571.

ARMY COMMUNITY SERVICE SAVING AND INVESTING APRIL 28

11:30 - 12:30 p.m., ACS Bldg. 2503

This class will identify reasons to save and how to set goals for a savings plan. Participants will explore the difference between short term savings and long term investments. For more information contact Leary Henry leary.g.henry.civ@mail.mil 410-278-2453.

EFMP ESTATE

PLANNING MAY 5

5:30 - 7:30 p.m., APG North main post chapel

Most families aren't aware that if they leave more than \$2,000 in countable resources to their child or adult dependent with a disability, the individual will lose eligibility for most needs based government benefits. Learn how proper financial planning can help protect eligibility for these benefits.

Free to active duty, retirees, DOD civilians and contractors in the APG community. CYSS patrons who attend this class will receive 2 parent participation points.

To register, contact Nancy Goucher at 410-278-2420 or nancy.e.goucher.civ@mail.mil.

RESUME & INTERVIEW TIPS MAY 5

11:30 a.m. to 1:30 p.m., Bldg. 2503

Learn the steps to creating a winning resume as well as helpful tips to build your interview skills during a Resume and Interview Tips workshop hosted by Army Community Service. Registration is required. To save a seat, call Marilyn Howard at 410-278-9669.

SPORTS & RECREATION

SPRING SCRAMBLE APRIL 23

9 a.m.; Exton Golf Course

18 hole shotgun. Food and refreshments included. Fees: \$30 annual patron, \$35 authorized patron, \$40 as a guest Pre-registration at Exton Clubhouse. Fees due on day of event. For more information call 410-436-2213 or 410-436-2233.

CINCO DE MAYO GOLF OUTING MAY 6

4 p.m.; Exton Golf Course

9 hole event. Tacos, chips and salsa and other refreshments will be served. Cost is \$30 for annual patrons, \$35 for authorized patrons, \$40 for guests. Pre-register at the Exton Clubhouse.

For more information call 410-436-2213 or 410-436-2233.

BINGO KICKOFF MAY 11

4 p.m.; APG Bowling Center

Session Bingo at the APG Bowling center will kick-off Wednesday, May 11 with doors opening at 4 p.m. Early-bird games start at 5 p.m. with a cash pay-out of \$25 per game. Early-bird cards are \$1 each or three for

\$2. The session program begins at 6 p.m., consisting of 8 games paying out \$50 for each game. There will also be two nightly progressive jackpot games, the first paying out \$200, the second paying out \$500. Progressive jackpot game cards are \$1 each or three for \$2.

Electronic Champion 2 Bingo Tablets are also available for session bingo.

Normal nights for bingo will be Monday and Wednesday evenings. Doors open at 4 p.m. Early bird games start at 5 p.m., normal session bingo starts at 6 p.m.

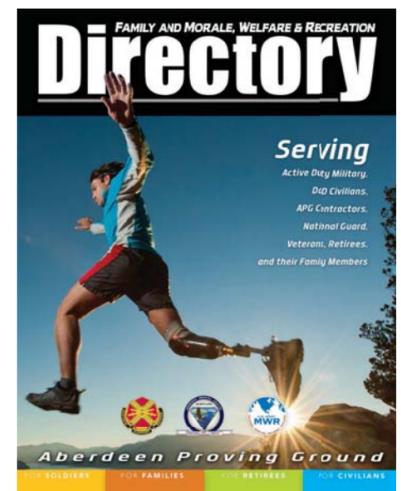
For more information, call 410-278-4041.

TURKEY SHOOT MAY 21

9 a.m. to 1 p.m., APG South (Edgewood) Skeet & Trap Facility

Cost: \$5 per shot. All shooters must have their guns registered prior to bringing them on post. 12 gauge shotguns only (28-30" barrels) MWR will provide ammunition.

RSVP to Outdoor Recreation Bldg. 2184 or call 410-278-4124/278-4360 or email: usarmy.APG.imcom-fmwrclist.usag-mwr-outdoorrec@mail.mil



Learn more about
APG MWR
activities & services
by going online at
www.apgmwr.com
and downloading
the FMWR
Directory.

Installation Social

Tuesday, April 26 - 4:30 p.m.

Top of the Bay - Bldg 30, Plumb Point Loop

Open to the APG Community.
Complimentary Refreshments, Cash Bar.
Wear Denim to support Sexual
Assault Awareness Month.

For more information contact: 410-278-5915 / 3062

ARMED FORCES DAY GOLF TOURNAMENT

MAY 16, 2016

4-PERSON SCRAMBLE
CAPTAIN'S CHOICE
LIMITED TO THE FIRST 36 PAID TEAMS.

PRICE \$70, LUNCH ONLY OPTION \$22.
7AM REGISTRATION, LIGHT MORNING REFRESHMENTS, PRACTICE RANGE BALLS
9 AM SHOTGUN START
BBQ LUNCH, DOOR PRIZES AND AWARDS CEREMONY TO FOLLOW GOLF.

CALL FOR RESERVATIONS 410-278-4794

CECOM deputy commander presents DPW awards

Story and photos by
YVONNE JOHNSON
APG News

During a special awards event at the Directorate of Public Works, or DPW, headquarters, April 19, Larry M. Muzzelo, CECOM deputy commander, presented one Department of the Army Superior Civilian Service Award and two Energy and Water Management Awards from the Secretary of the Army to DPW personnel.

Director of Public Works Tom Kuchar hosted the event, and special guests included Garrison Commander Col. James E. Davis and Garrison Command Sgt. Maj. Jeffrey O. Adams, who assisted Muzzelo.

DPW Deputy Director Todd Henricks, who is leaving government service, was awarded the Superior Civilian Service Award for his service to the directorate from 2010 to 2016.

Henricks said for the immediate future, he and his wife Tammy would be busy with church responsibilities in Southern York County, Pennsylvania where he is an assistant minister. He said he wanted to thank Kuchar for "putting his faith and confidence in me early on when he hired me."

"Thanks also to fellow department leaders who helped me in my five years here. This award really is due to all of them," Henricks said.

He added special thanks to Vance Hobbs, chief of the Environmental Division, and John Fink, Operations and Maintenance Division chief, for "shoring me up."

"Their guidance and leadership was a big part of my success," he said.

Energy Management Specialist Devon Rock and Data Analyst Dan Hewitt were awarded the 2015 Secretary of the Army Energy and Water Management Award for superior achievement in a small group. Signed by former Secretary of the Army John M. McHugh, who left office in November 2015, the award was for Energy Program Effectiveness



(Left) Deputy to the CECOM Commanding General Larry M. Muzzelo pins the Department of the Army Superior Civilian Service Award on outgoing Directorate of Public Works Deputy Director Todd Henricks during an award ceremony at DPW headquarters April 19.

(Below) Energy Management Specialists Dan Hewitt, left, and Devon Rock, right, pose with the Secretary of the Army Energy and Water Management Award signed by former Secretary of the Army John M. McHugh and the IMCOM letter of congratulations they received from IMCOM Atlantic Region Director Davis D. Tindoll, Jr.

for the period of October 2013 through September 2014.

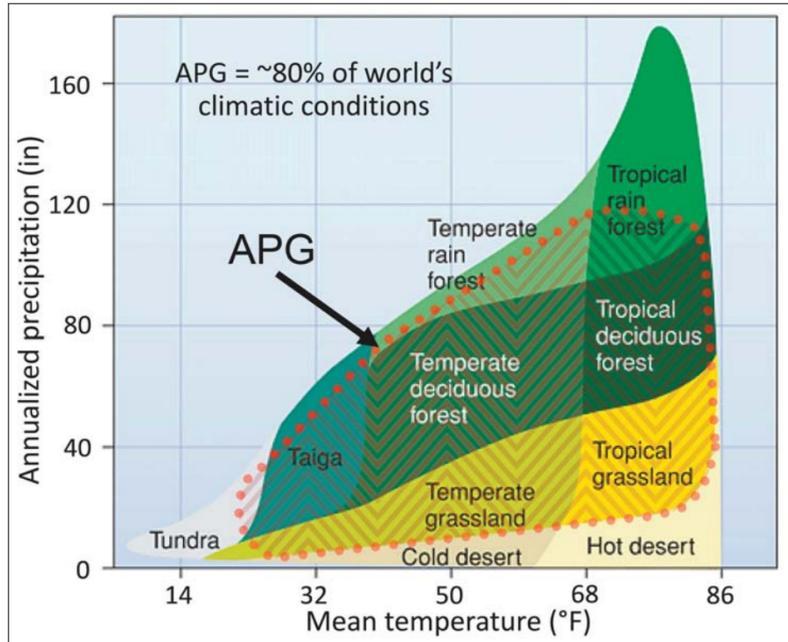
According to the award citation, the two were applauded for a "dynamic management program, which was successfully implemented while maintaining a high state of operational readiness," which resulted in cost savings from reduced energy consumption that allowed the Army to reallocate funds to areas of strategic need. They also received letters of congratulations from IMCOM Atlantic Region Director Davis D. Tindoll Jr.

Muzzelo also offered his congratulation, noting that, "the Army focus is on readiness."

"What you have done to save the Army money is critical to APG," he said. "We appreciate your efforts and we thank you for your hard work."

Rock said the award is meant to honor and recognize initiatives and programs implemented by energy managers.

"We're honored because this is one of the more significant awards," she said.



Worldwide climates with APG distribution superimposed. ATC temperate chart



An MRAP All Terrain Vehicle (M-ATV) gets a cold-weather workout on ATC's Churchville Test Course. Courtesy photo

ATC has one-stop climatic testing facility

By **ROBERT MCKELVEY**
Aberdeen Test Center

*Will communication systems work around trees.....or buildings?
Will vehicles get stuck driving through mud?
Will navigation sensors operate effectively in falling snow?*

Environmental concerns such as these in military testing require a facility in which vehicles and systems can demonstrate their full capability in a variety of climatic situations.

This is what sets the Aberdeen Test Center apart from other test facilities: the natural distribution of temperature and precipitation that creates environmental conditions resembling 80 percent of worldwide climates.

In short, every conceivable climatic testing scenario can be explored rather than simulated, and testing can be planned in a reliable, consistent way.

The climate of a program's operational environment will affect how systems, subsystems, components, and support packages perform and, more notably, fail.

Bushings, bearings, brake lines, hydraulic hoses, and body panels are all susceptible to accelerated wear.

Sensors, seals, filters, belts, switches, intakes, exhausts, accesses, and wheels are all prone to being hit, displaced, or jammed by mud.

Water penetrates, rust develops, corrosion decays, ice binds, salt grinds, vegetation blinds, and dust chokes.

All of these effects, and more, must be assessed when exploring program affordability, suitability, reliability, availability, and maintainability.

When analyzed using independent

climate classification systems, ATC has unquestionably featured dependable temperature and precipitation cycles throughout the past 10 years. The Köppen-Geiger classification, based on the concept that native vegetation is the best expression of climate, is divided into five main groups representing climate conditions, four of which -- A, C, D, and E -- ATC has reliably demonstrated; and eight of the ten Whittaker Biome classifications (Temperate Deciduous Forest, Temperate Grassland, Tropical Grassland, Taiga, Tropical Deciduous Forest, Tropical Rainforest, Temperate Rainforest, and Tundra) have been met every year between 2006 and 2015.

These climatic conditions, and ATC's proximity to the Chesapeake Bay, lead to clockwork seasonal changes and vegetation cycles, creating a consistent environment. ATC testing uses these known factors to realistically assess how programs will perform in their intended operational environments and to efficiently execute testing. Program costs — especially Operating and Sustainment — cannot be adequately planned without accounting for climatic conditions.

ATC has world-leading expertise evaluating climatic effects and life cycle elements during performance, reliability, suitability, and survivability testing. ATC's subject matter experts, and their unique operationally authentic outdoor laboratory, can help program managers field effective, suitable, and survivable systems.

Testing at ATC does not result in an evaluation affecting just one Soldier in one kind of environment; all scenarios can be realistically planned, including the testing itself.



See more photos from events across
Aberdeen Proving Ground, Maryland
<http://www.flickr.com/photos/usagapg/>

Experts enhance lab capabilities in Korea

Edgewood Chemical Biological Center

A multidisciplinary team of researchers and technicians from the U.S. Army Edgewood Chemical Biological Center, or ECBC, has led the effort to upgrade laboratory capabilities a half a world away, dramatically increasing the ability of United States Forces Korea, known as USFK, to analyze samples of suspected biological warfare agents.

In just four months, ECBC increased the sample throughput of three U.S. military laboratories in South Korea from two to three samples of suspected biological warfare agent per day to dozens per day with a 24-hour turn-around time for results.

The laboratory upgrades were part of a larger project known as the Joint USFK Portal and Integrated Threat Recognition, or JUPITR, Advanced Technology Demonstration. Funding and strategic guidance comes from the U.S. Department of Defense Joint Program Executive Office for Chemical and Biological Defense. The project is being managed and executed by ECBC.

Project JUPITR

JUPITR stands for “Joint U.S. Forces in Korea Portal and Integrated Threat Recognition.” It is a three-year advanced technology demonstration, commonly called an ATD, of biosurveillance technology for deployment on the Korean Peninsula. The AED leg is an assessment of ten different biological agent detection technologies in the field to determine their speed, accuracy and suitability for a field environment.

“We did a complete make-over of two existing Air Force labs and set up an Army lab from scratch,” said Brady Redmond, Ph.D., the laboratory project lead. “We upgraded the Air Force labs’ analytical technology and equipment, and we set up filters to protect the laboratory buildings from chemical biological threats. We placed all new equipment in the Army laboratory, and we got all three laboratories to start talking to each other, sharing supplies and sharing lessons learned.”

The Most Advanced Analytics in the World

The Army laboratory is located at Yongsan Army Garrison in Seoul. The Air Force laboratories are located at Osan Air Base and Kunsan Air Base, both on the east coast of the Republic of Korea. ECBC is setting up a fourth laboratory at Camp Humphreys for the U.S. Army Public Health Command which it expects to complete in the next year. These laboratories provide USFK and the Republic of Korea with the most advanced analytics the world – proteomics, genomic sequencing, plus nucleic acid and antibody-based identifiers. Taken together, these laboratories form a bulwark of detection and protection from biological warfare as well as naturally occurring threats such as bird



ECBC Photo

Scientists from ECBC partner with scientists from the United States Army Medical Research Institute of Infectious Diseases and the Naval Medical Research Center to get user feedback on upgraded biosurveillance laboratory equipment ECBC installed in laboratories in South Korea and Japan as part of Project JUPITR’s BICS Leg.

flu or SARS.

The laboratory upgrades are just one aspect of the JUPITR ATD, which consists of four capability areas, referred to as legs. An Early Warning Leg provides an early alert to threatening activities using sensors and cameras. An Assessment of Early Detection Leg collects biological samples and performs a preliminary analysis. Redmond and his team are members of the Biological Identification Capability Sets, or BICS, Leg which uses advanced laboratory analytics to provide confirmatory analysis and precise identification of the type of biological agent. The fourth leg is the Global Biosurveillance Portal which is a web-based information platform shared by healthcare agencies around the world.

Choosing the Right Technology for the End Users

The selection of analytical methods was a crucial component of the BICS Leg. Not only did these methods have to meet very precise Department of Defense standards, they had to be readily usable by the U.S. military personnel staffing the laboratories. Depending on the location, they vary from U.S. Air Force Biological Augmentation Teams, to U.S. Army Public Health Command scientists, to U.S. Army laboratory officers.

“We performed an exhaustive study of the pros and cons of each available

laboratory technology, then selected the ones that we believed would best meet the demands we had for them,” said Janet Betters, an ECBC microbiologist and BICS lab lead.

“Then we got first-hand user feedback by having the actual users at each of these laboratory locations try them out.” Following the technology selections, the ECBC team developed protocols for each piece of equipment and trained the laboratory personnel to operate them.

While the end users are varied and each laboratory has a separate command and logistics structure, they all have one thing in common -- the personnel rotate in and out of these laboratories every one to three years.

“Like a garden, these laboratories need to be tended. We go over to Korea to visit our USFK partners frequently,” said Redmond. “We make sure that they are operating at a high-level working order, and we make sure they are well supplied. Currently, we are working with the labs to build stronger relationships between them. Sharing their knowledge and resources will only improve their operational readiness.”

A Model for the Region

From across the sea in Japan, the U.S. Army Public Health Command Region Pacific saw the importance of the biological surveillance capability being developed in Korea. They, in

turn, worked with ECBC to upgrade an existing laboratory at Camp Zama outside Tokyo, modeling it on the laboratory ECBC is currently setting up at Camp Humphreys. Once completed, both laboratories will be operated by U.S. Army Public Health Command personnel. This redundancy has strategic importance; the laboratory in Japan can serve as a backup should armed conflict on the Korean Peninsula require it.

“The capabilities we are currently providing are just a starting point. The participants in the project are already looking to add a Zika virus detection capability in Yongsan,” said Redmond. “They can all be upgraded to detect any number of other naturally occurring biological threats.”

“This team established the model for the entire region,” said Peter Emanuel, Ph.D., the Project JUPITR lead and ECBC Biosciences Division chief.

“The Republic of Korea didn’t just get a material solution for their biosurveillance needs in the form of laboratory equipment and a supply chain. They learned a whole new way of addressing their biosurveillance needs. They received the non-material benefits of technical integration and a network of professional relationships. The day will come when no one will be able to imagine what the Republic of Korea’s bio-defense was like before these upgrades.”

Getting ready for NIE is no small feat

By **ARGIRO SARANTIONS-PERRIN**
PM Tactical Radios

When the Army made the decision to conduct a mid-tier assessment just a few months prior to the Network Integration Evaluation, or NIE, 16.2, it took a real team approach to get the radios to Fort Bliss, Texas, integrate them onto platforms and train the brigade that will conduct the assessment. Using Mid-tier Networking Vehicular Radios, or MNVR, the mid-tier assessment will show how Soldiers at the company level can talk, chat and send data to battalion and brigade, extending the range of communications.

“Once we had the deadline, we created a timeline to ensure the radios were shipped to Texas on time,” said Maj. Brent Wilson, assistant product manager for MNVR, who spearheaded the effort from APG. “This was truly a team effort with folks in five states working together to meet the deadline.”

In addition to securing the radios and sending them to the original vendor to install a card that provides GPS information, the MNVR team also had to collect the supporting equipment needed to operate the radio. This includes the “B” kit which consists of the Receiver-Transmitter radio, Vehicular Amplifier Adapter, Network Port Extender and system cabling, and an “A” kit which includes installation equipment allowing the B kit to fit into a vehicular configuration. There is also a Tactical Operation Center configuration for stat-



PM Radars photo

In addition to providing engineering support, Network Integration Evaluation execution team members shown here, at Fort Bliss, Texas, ensure events run smoothly for Project Manager Tactical Radio systems. To prepare for the mid-tier assessment, which will be conducted at NIE 16.2 starting May 2, the team worked closely with the Mid-tier Networking Vehicular Radio team at Aberdeen Proving Ground, Maryland.

ic setups in command posts.

With teams in Texas and Maryland, daily sync-up meetings kept the project on track. The MNVR team in Maryland used its expertise to secure each radio, document the serial number, oversee installation of the GPS card, track contracting schedules and review technical information. Each step is critical to ensure the radios are ready for the mid-tier assessment,

which begins May 2.

Now that the radios have been shipped to Texas, the baton has been passed to the NIE team on the ground at Fort Bliss, which is led by Flora Marshall, Project Manager Tactical Radios (PM TR) NIE manager.

“We work closely with our PM TR and product manager teams, as well as the folks on the ground at NIE,” Marshall said.

NIEs, which are Soldier-led evaluations that are held in realistic operational environments, help the Army to enhance its tactical information network. Approximately 2,000 Soldiers from the 2nd Brigade Combat Team, 1st Armored Division will provide feedback on integrated systems that are tested at NIE 16.2.

Marshall’s planning team in Texas develops the threads, scenarios and mission plans for the radios, working closely with outside agencies including the Army’s System of Systems Engineering and Integration Directorate, which helps oversee the NIE process. The planning team works closely with the execution team, which issues equipment, loads the radios, trains the Soldiers, provides engineer support and conducts special tests, such as Field Base Risk Reductions (FBRRs). The team also coordinates special events such as media days and distinguished visitor days. Together, these teams make sure the radios are integrated, the test plans are prepared and the units are trained and ready for NIE 16.2.

“One of our key activities is the FBRR, which helps us prepare for the NIE,” Marshall said. “We are currently supporting the COMDEX, which is when we turn everything off and then bring it back up to make sure the network is functional and running correctly. The next step, which will occur right before NIE starts, will be when we move the equipment to the field.”

Visit us on facebook <https://www.facebook.com/APGMd>

THIS WEEK IN APG HISTORY

APG NEWS

Published in the interest of the people of Aberdeen Proving Ground

Vol. 42, No. 14 • April 8, 1999

BULK RATE
U.S. POSTAGE
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Take a look back in time as the APG News explores what made the headlines around APG during this week 10, 25 and 50 years ago. This week's APG News masthead is from 1999.

By YVONNE JOHNSON, APG News

2015
2010
2000
1990
1980
1970
1960
1950

10 Years Ago: April 20, 2006

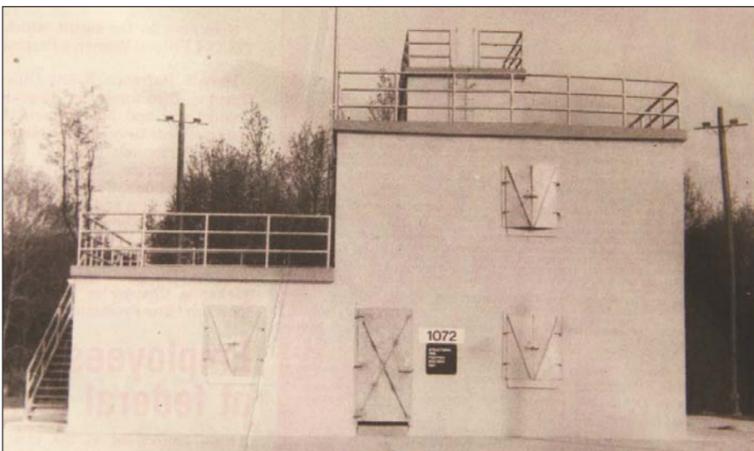


(Left) Garrison Commander Col. John T. Wright takes questions from students during Career Day at the St. Joan of Arc School in Aberdeen.

(Right) During an informal presentation at the City of Aberdeen fire station, Maj. James Andrews of the 16th Ordnance Battalion, left, presents a posthumous Army Meritorious Service Medal award to firefighter Patrick Hall, center, as Battalion Command Sgt. Maj. William Hart, right, looks on. Hall's father, Staff Sgt. Howard Hall was killed in a motor vehicle accident on the installation the month before.

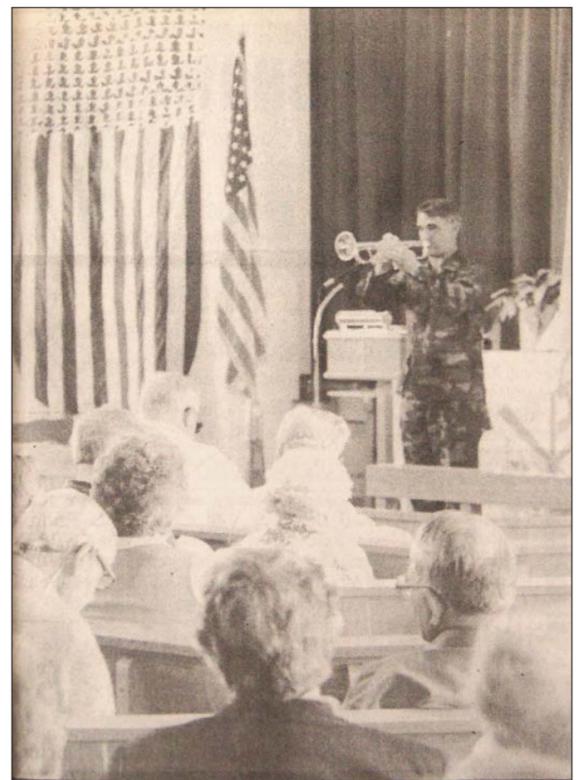


25 Years Ago: April 24, 1991



(Above) The new Maryland Fire & Rescue Institute training center located on a 40-acre site near Phillips Army Airfield is almost ready for use by APG, Baltimore, Harford and Cecil County firefighters.

(Right) Chaplain Maj. John May plays "Taps" on trumpet at the main post chapel to honor members of the World War II era 601st Tank Destroyer Battalion during the groups' reunion and tour of the installation.



50 Years Ago: April 21, 1966

(Below) From left, Charles Skinner of the OC&S TV Division; Maj. Edward Raleigh of the U.S. Army Missile and Munitions Center and School; and Thomas Dolan a TV coordinator, right, observe the operation of a TV camera during a tour of OC&S mobile productions facilities.



(Above) An estimated 33,000 people visited APG for Armed Forces Day as evidenced by this photo of the main front area where they gathered for weapon and vehicle demonstrations.

Medicines, alcohol and aging

APG Army Substance Abuse Program

As we age, the need to take prescribed and over-the-counter medications increases. But, growing older means that our bodies respond differently to alcohol and to medication than when we were younger. Therefore, we must be careful about mixing medications – prescribed and over-the-counter (OTC) as well as herbal remedies. Most medications should not be taken with alcohol. Because medicine and alcohol misuse can happen unintentionally, it is important to know if you are having a problem.

According to Cindy Scott, ASAP prevention coordinator, everyone should be aware of signals that may indicate alcohol or medication-related problem.

If you think you may be having trouble with alcohol and medications, There are several things you can do to keep things from getting worse.

Cindy Scott
ASAP Prevention Coordinator

- Changes in eating habits;
 - Preferring solitude most of the time;
 - Having trouble finishing sentences; concentrating;
 - Or lack of interest in usual activities.
- “If you think you may be having trouble with alcohol and medications, There are several things you can do to keep things from getting worse,” Scott said.

To avoid problems:

- Talk with someone you trust: Talk with your doctor or other health professional. They can verify any problems you may be having, and discuss treatment options.
 - Share your concerns with a friend, family member or spiritual advisor
 - Talk with the Employee Assistance Program, or EAP, manager for assessment and referral.
- Those who have never been diagnosed with a drinking problem always should do the following, according to Scott:
- Read the labels of your medications carefully and follow the directions
 - Look for statements on your prescriptions and pill bottles that discourage drinking alcohol while taking that par-



FAMILY

Talk Early, Talk Often

Parents can make a difference in Teen Alcohol use

Alcohol Awareness Month

ASAP 410-278-3787

ticular medicine. If you are taking medication for sleeping, pain, anxiety, or depression, it is unsafe to drink alcohol

Remember that one alcoholic drink a day is the recommended limit for anyone over the age of 65. That's 12 ounces of beer, 1.5 ounces of distilled spirits or 5 ounces of wine.

“Sharing the right information with your health care professional is very important,” said Scott. “Make a list for your doctor of all your medications, including dosage, especially on your first visit. Keep it updated, and carry it with you.”

“In addition,” she added, “Remind your doctor or pharmacist about any previous condition that might affect your ability to take certain medications, such as a stroke, hypertension, serious heart disease, liver problems or lung disease. Don't be afraid to ask questions if you don't know the meaning of a word, if instructions are unclear, or if you want more information.”

“Lastly, obtain written advice or instructions whenever possible.”

For more information contact ASAP at 410-278-3784 or Scott at 410-278-4013, or cynthia.m.scott4.civ@mail.mil,

APG North cut-off dates for acquisition packages set

ACC-APG, Tenant Contracting Division

The Army Contracting Command-Aberdeen Proving Ground, or ACC-APG, Tenant Contracting Division, has established its Fiscal Year 2016 cutoff date for submission of complete Acquisition Packages to include purchase requests, known as PRs, and required acquisition documentation.

With proper and early planning, the Tenant Contracting Division can successfully process customer requests that are identified and submitted by or before May 16. This greatly enhances the ability of the ACC-APG to meet customer needs. Packages accepted after the cutoff date will be handled on a best effort basis with no guarantee of award.

The following schedule has been established for the submission of acquisition packages for FY 16. This cutoff date is for the PR and all supporting documentation and signed approvals. Incomplete acquisition packages will not be accepted by the Tenant Division. Failure to include the necessary documentation could result in delay, untimely, or non-award of requests.

APG North cut-off date

The cut-off date of May 16 includes, but is not limited to, the actions listed below:

- Noncommercial items over \$150,000*
- Noncommercial items between \$2,500 for services; \$3,000 for supplies; \$2,000 for construction and \$150,000
- Commercial items under \$150,000
- Commercial items over \$150,000*
- Services under \$150,000
- Services over \$150,000*
- Delivery orders and task orders under existing contracts
- GSA schedule procurements
- Short-of-award over \$2,500**
- Maintenance for FY 2016 – (FY16 Contract Modifications and Options for Existing Maintenance Contracts)

*There may be instances where this date may not be adequate for complex actions. It is therefore required that these actions be coordinated with the Branch Chiefs prior to this date. ACC-APG encourages our customer activities to coordi-

nate their projected FY-end requirements with their respective branch chiefs during the third quarter in order to discuss acquisition methods and identify those documents, reviews, and approvals required to accompany the procurement package.

**Customers submitting short-of-award PRs, especially for services requirements, must consider whether funding will materialize. A substantial amount of effort is expended to prepare these pending actions and they must be prioritized after PRs that are funded and PRs that are subject to the availability of funds. Short-of-award actions, if not funded in FY15, should be funded immediately in FY16 as a bona fide need.

Subject-to-Availability-of-Funds, or SAF, will only be accepted by the Tenant Contracting Division Branch Chiefs. APG activities should consider maximizing use of their Government Purchase Cards to execute small dollar transactions for authorized items rather than submitting a purchase request to the contracting office.

ALL acquisition packages must be submitted electronically and at a minimum shall include the following: funded purchase request, statement of work/description of requirement/purchase description, signed Independent Government Cost Estimate (IGCE), Service Acquisition strategy (>\$150,000 inclusive of options), Service Contract Approval, COR nomination completed in VCE-COR tool, Quality Assurance Surveillance Plan (QASP), NEC approval and/or AK1 Goal Waiver (IT hardware, software and services), evaluation factors, complete Sole Source Justification (<\$150K and J&A for >\$150K, if appropriate), Antiterrorism/Operations Security (AT/OPSEC) cover sheet, and Market Research.

ACC-APG Points of Contact

For more information, contact Cynthia H. Phillips, Chief, Tenant Contracting Division, at 443-861-4812; cynthia.h.phillips.civ@mail.mil, or Supply & Services Branch Chiefs:

Chanel De Silva, Mission Branch Chief; 443-861-4832; chanel.d.desilva.civ@mail.mil,

Donna J. Bader, Technology Branch Chief; 443- 861-5355; donna.j.bader.civ@mail.mil,

Lane Gary, Facilities Branch Chief; 443-861-5339; lane.m.gary.civ@mail.mil,

Thomas J. Boyle, Contract Support Branch Chief; 443-861-5351; thomas.j.boyle.civ@mail.mil,

APG South cut-off dates set for 2016 procurement requests

ACC-APG, Edgewood Contract Division

The Army Contracting Command – Aberdeen Proving Ground, Edgewood Contracting Division, known as ECD, has issued the following guidance for the Fiscal Year 2016 cutoff dates for submission of purchase requests for those customers receiving contract support through ECD.

Advance planning in identifying and submitting PRs on or before the published cutoff dates greatly enhances the ability of the ECD to meet customer needs.

The peak processing time for most contracting offices is between July 1 and September 30 of each fiscal year. “Last year ECD processed 339 procurement actions valued at approximately \$70.1M during the July through September time period,” said Jason VanLuven, Chief of the ECD Policy Office. “We experienced a slow start in receiving the distribution of customer funding this fiscal year. As a result, we anticipate that the number of actions will significantly increase during this year's 4th Quarter to compensate for the slow start. Thus, it is extremely important that customers be as diligent as possible in clearly identifying their needs as early in the cycle as possible,” said Mr. VanLuven.

Maintaining adequate resources continues to be a challenge for the contracts team and customers therefore it is equally as important to submit complete procurement packages. Mr. VanLuven said, “Incomplete and inaccurate acquisition packages delay the process and create inefficiency and significant delay in achieving the end result. It is essential that early and upfront coordination with the appropriate Contracting Officer takes place. This will allow ECD to ensure that each purchase request package contains the necessary documentation and approvals so as to avoid untimely delays in the processing of awards while maximizing the use of available customer dollars.”

Mr. VanLuven stressed that customers should ensure that all procurement requests processed through GFEBs contains the necessary information in the description. Identifying the Branch Chief as well as the Contracting Officer on the GFEBs document (if known) will aid in routing the actions to the correct contract team as quickly as possible for processing. “Purchase requests for actions that are not GFEBs enabled must continue to be submitted electronically to ECD using the SHARED MAILBOX: [usarmy.APG.acc.mbx.edgewood-con-](mailto:usarmy.APG.acc.mbx.edgewood-contracting-division@mail.mil)

tracting-division@mail.mil,” said Mr. VanLuven.

APG South cut-off dates

Notwithstanding any prior approved milestones, the cutoff dates for all procurement requests are as follows:

- All actions that require a justification and approval (J&A) document - May 2
- Noncommercial items over \$150,000 – May 27*
- Services over \$150,000 – May 27*
- Commercial items less than \$6.5 million – May 27
- Delivery orders and task orders under existing contracts – June 2
- GSA schedule procurements – June 2
- Short-of-Award actions – May 27**

* There may be instances where this date may not be adequate for complex actions. These actions must be coordinated with the appropriate Branch Chief prior to this date for determination of acceptance.

** Customers submitting “short-of-award” Requirements must consider the probability of funds materializing in a timely manner. If it is not likely and the action not urgent, consider that time spent processing these actions may be better utilized on funded actions.

“ECD will make every effort to accommodate customers whose procurement packages must be submitted after the established cut-off dates,” said VanLuven. “However, in that event the contracting office cannot guarantee that the award will be processed prior to September 30.”

Edgewood Contracting Division points of contact

For more information, contact:

Chief, Edgewood Contracting Division: Debra R. Abbruzzese at debra.r.abbruzzese.civ@mail.mil 410-436-2554;

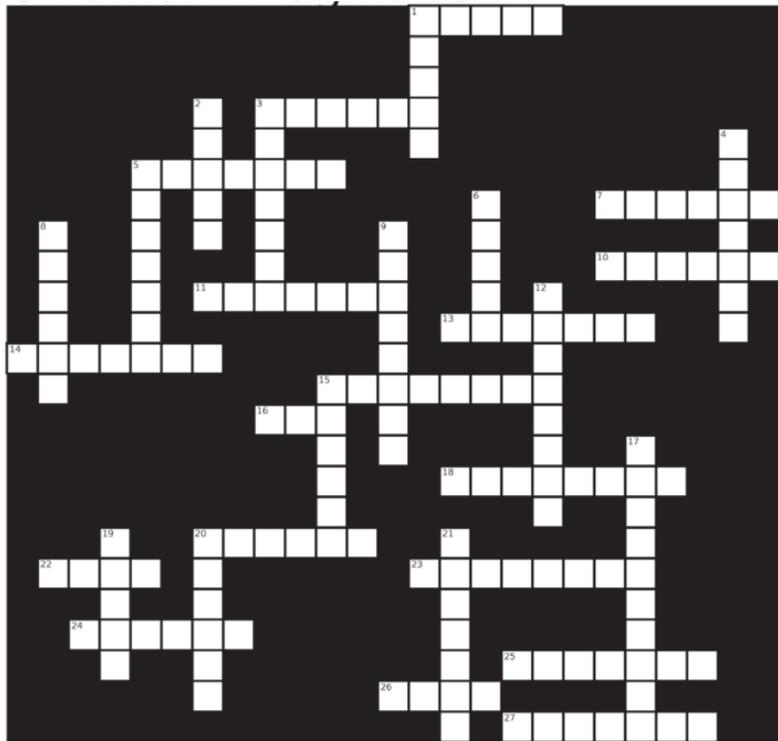
Ted Kunzog, Branch A (ECBC, ACWA & CMA Customers) at theodore.m.kunzog.civ@mail.mil 410-436-2449;

Eric Braerman, Branch B (JPEO-CBD Customers) at eric.w.braerman.civ@mail.mil 410-436-4469; or

Michael Velez, Branch C (JPEO-CBD Customers) at michael.a.velez32.civ@mail.mil 410-436-8446



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The APG Crossword

Myths and Legends

By **STACY SMITH**, APG News

Throughout history, peoples across time and culture have created and believed in the supernatural powers of legendary and mythological creatures. Complete this puzzle to learn more about these enduring figments of the human imagination.

Across

- The chupacabra, a legendary creature of Hispanic origins, is said to attack and drink the blood of livestock, especially these animals.
- Now associated with Halloween, this legendary mischievous creature has magical abilities and is greedy for gold and jewelry; Rumpelstiltskin is a classic example.
- Winged-beasts sent by the Greek God Zeus to exact punishment.
- In the Norwegian fairytale "Three Billy Goats Gruff," a fear-

some troll lives under this structure.

- Large, serpentine or reptilian creature depicted in both European and Chinese traditions.
- Greek mythological creature with the upper body of a human and the lower body of a horse.
- This mythical bird obtains new life by rising from the ash of its predecessor.
- Winged divine stallion featured in Greek mythology and usually depicted as pure white in color.
- Country where accounts of the Loch Ness Monster have been

reported since 1933.

- The Cyclops, a giant creature featured in Greek and Roman mythology, has this in the middle of its forehead.
- Female spirits in Irish mythology; also featured in the band name of British rock singer, Siouxsie Sioux.
- The Greek mythological woman, Medusa, is depicted with these on her head instead of hair.
- A chimera is a monstrous creature in Greek mythology said to breathe _____.
- A French legend says Saint Romanus of Rouen subdued this monster, often featured on the exterior of gothic-style Catholic churches, with a crucifix.
- Fictional undead created through the reanimation of human corpses.
- This imaginary creature, featured in a hit 1989 Walt Disney film, wanted to be "Part of Your World."
- A unicorn is described as having a large, pointed, spiraling _____ projecting from its forehead.
- Santa Claus is said to enter the homes of good little girls and boys every Christmas Eve through this structure.

Down

- "Jack and the Beanstalk" is an English fairy tale that features this monster of prodigious size.
- Dangerous yet beautiful character in Greek mythology who lured sailors with their enchanting voices; Odysseus succumbed to its charms in Homer's "The Odyssey."
- Legendary creature with the body, tail and back legs of a lion; the head and wings of an eagle; and eagle's talons in front.
- Also known as Sasquatch, this hominid-like creature is said to inhabit forests in the Pacific Northwest.
- Diminutive race that inhabit the lands of Middle-earth in J.R.R. Tolkien's fictitious work.
- A fairy is said to visit the homes of children who have just

lost this part of their body.

- The 1970 album "All Things Must Pass" by English musician George Harrison has a cover image of the musician sitting among garden _____.
- A 1981 film directed by John Landis tells the story of two U.S. college students on a walking tour of Britain who are attacked by a _____ that none of the locals will admit exists.
- The _____ Horseman has been a motif of European folklore since at least the Middle Ages and features prominently in the short story "The Legend of Sleepy Hollow" by American author Washington Irving.
- Mythical creature that resembles a seal in the water but assumes human form on land.
- Type of fairy in Irish folklore; also the mascot featured on 'Lucky Charms' cereal boxes.
- In classic mythology, Cupid, the god of desire, is depicted shooting this weapon meant to attract suitors to one another.
- Mythical creature with the head of a human and the body of a lion.
- Bram Stoker's "Dracula" is the most well-known story about this folkloric creature.

Think you solved last week's puzzle?

Check out the solution below

Solution to the April 7 puzzle



BY THE NUMB#RS

National Volunteer Month

April is National Volunteer Month, a time to celebrate people doing extraordinary things through volunteerism and encourage volunteerism throughout the nation.

62+ million

Americans who volunteered at least once between September 2014 and September 2015.

70

Age of volunteers in a 1993 study who volunteered at least 100 hours a year. Those same volunteers later reported less of a decline in health and functioning levels and lower levels of depression and mortality in the year 2000 than those who did not volunteer.

52

Median number of hours volunteers spent performing volunteer activities from September 2014 to September 2015.

34

Percentage of volunteerism performed in 2009 that was for or through a religious organization, the most frequently reported volunteer activity. Educational and youth services ranked number two.

28

Percentage of Marylanders who volunteered in 2014. Maryland was ranked 22nd in volunteerism among the 50 states and Washington, D.C.

21

Percentage of millennials, or members of Generation Y, aged 16 to 28 who volunteered in 2010. Generation X, or those aged 29 to 45, had the largest percentage of volunteerism at 29.2 percent.

By **STACY SMITH**, APG News

Source(s): www.volunteeringinamerica.gov, www.bls.gov, www.nationalservice.gov, www.serve.gov

ACRONYM OF THE WEEK

USARC

U.S. Army Reserve Command



The United States Army Reserve Command, or USARC, commands all Army Reserve units. USARC is responsible for the staffing, training, equipping, managing, supporting, mobilizing, deploying and retaining of Army Reserve units to ensure their readiness for Army missions. USARC has over 20 offices, each with an individual mission and function that contributes to the accomplishment of USARC's overall mission.

Army Reserve installations around the country include NCO Academies at Fort Dix, New Jersey; Fort McCoy, Wisconsin; and Camp Parks, California; Fort Buchanan, Puerto Rico; Fort Devens, Massachusetts; and Fort Hunter Liggett, California.

USARC is headquartered at Fort Bragg, North Carolina.

By **YVONNE JOHNSON**, APG News

Source(s): <http://www.usar.army.mil/Commands/USArmyReserve/AboutUSARC.aspx>; <https://en.wikipedia.org>; <http://www.globalsecurity.org/military/agency/army/usarc.htm>; <http://www.usar.army.mil/Commands/USArmyReserve.aspx>

WORD OF THE WEEK

Piquant

Pronounced: pee-KAHNT; or PEE-kahnt

Part of Speech: Adjective

Definition:

- Agreeably pungent or sharp in taste or flavor; pleasantly biting or tart
- Of an interestingly provocative or lively character; having a lively arch charm
- Something that is stimulating, intriguing or attractive

Related forms (noun) piquancy, piquantness; (Adverb) piquantly

Use:

- The delightful appetizer was smothered with piquant vegetables seasoned with pepper.
- To amuse themselves during boring rehearsals the escorts exchanged piquant bits of gossip about the debutantes
- In no time, his engaging, piquant wit had the stodgy board members cackling with laughter.
- He described meeting the storied actress he had admired for her charm as well as her beauty since childhood as one of the most piquant moments of his life.

By **YVONNE JOHNSON**, APG News

Source(s): <http://www.oxforddictionaries.com>; <http://dictionary.reference.com>

Harford County executive proposes FY17 budget

Harford County Government

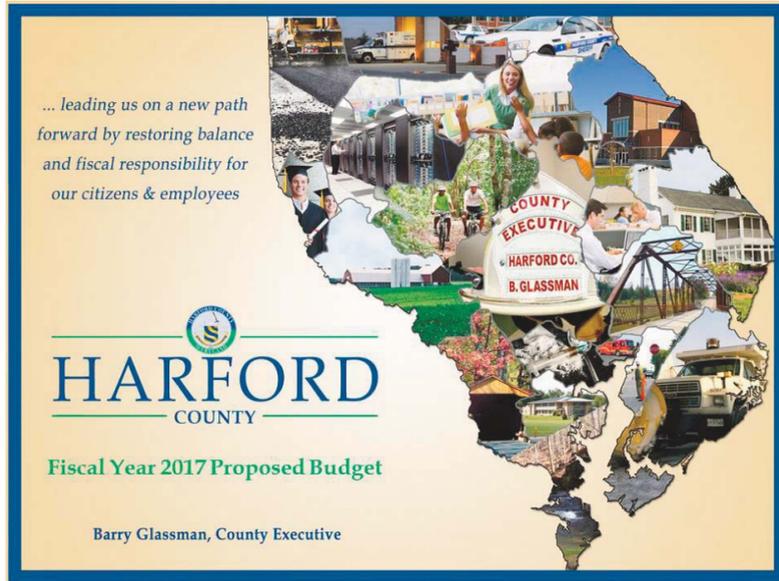
Harford County Executive Barry Glassman has proposed a sensibly balanced budget for the fiscal year 2017 providing record funding for public safety and education, without raising taxes or increasing spending overall.

In his proposed \$524,570,000 general fund operating budget, the county executive directs all new revenue to raise instructional salaries in Harford County Public Schools and to support salary increases in the Harford County Sheriff's Office, plus a supplemental increase for those employees classified as law enforcement deputy first class, law enforcement senior deputy or law enforcement corporal. The budget also includes salary enhancements for employees in other outside county agencies. For qualifying county employees, proposed merit-based salary increases are funded entirely by savings from efficiencies within county government, including positions eliminated thus far to rightsize the workforce. Continuing to fight the heroin epidemic, the county executive's budget also doubles funding for heroin addiction treatment and related recovery services.

Glassman's proposed capital budget is the lowest in 16 years at \$80,046,575, yet includes a significant local contribution toward essential highways, road and bridge repair projects. Funding is planned to replace Havre de Grace Middle/High School beginning in the fiscal year 2018.

The county executive's total combined operating and capital budget proposal of \$735,168,475 for FY 17 is level with FY16, increasing by less than one half of one percent, or \$1,578,378.

"Despite economic headwinds, we are on a path to continue restoring balance and fiscal responsibility for our citizens and employees," Glassman said. "My budget proposal demonstrates that we can live within our means through efficiencies, allowing us to reinvest in the people who deliver valuable services for our citizens. Smaller and faster local



government with better service - this is how Harford County is leading the way forward as Maryland's new center of opportunity."

County Executive Glassman's proposed budget bill was delivered Friday to the Harford County Council April 15 and posted on the county website at www.harfordcountymd.gov.

Highlights from the budget appear below:

RESTORING BALANCE & EFFICIENCY

- No tax increases
- Lowest level of capital spending in 16 years, deferring large new capital projects and eliminating the trend of yearly increases in new debt
- Realistic six-year Capital Improvement Program, which helped Harford County retain the highest possible Triple-A bond rating and save money with the lowest borrowing cost in Harford County history
- Rightsizing the county workforce, eliminating 52 positions thus far in FY 16, and living within our means through ongoing efficiency measures

▪ County government efficiencies have allowed us to dedicate all new revenue to education and public safety, while at the same time reinvesting in our own workforce

REINVESTING IN OUR WORKFORCE

- Merit-based salary increases of 3% per qualifying county employee; no new money is needed to fund this increase, due to our efficiency measures
- Support for employees in the Sheriff's Office, Public Library, State's Attorney's Office, EMS Foundation and Circuit Court system, with increased funding equivalent to 3% per employee
- A supplemental merit increase to law enforcement personnel classified as follows: 6% for Deputy First Class (Law Enforcement) and Senior Deputy (Law Enforcement); 3% for Corporal (Law Enforcement). These supplemental merit increases are in addition to the 3% base merit increase.

INVESTING IN EDUCATION

- Funding for Harford County Public Schools continues at a record level
- Nearly all of the county's new reve-

- nue is directed to K-12 education
- Operating funding for HCPS at \$233,534,504 or \$5,988,637 above the Maintenance of Effort requirement
- Support for teachers, with \$3.5 million in increased funding for instructional salaries
- Additional funds for special education buses and general school transportation needs totaling \$2,745,533
- Restoration of \$300,000 in operating funds for Harford Community College

STRENGTHENING OUR COMMUNITIES

- Doubling to \$200,000 the county funding for treatment of heroin addiction and related support services
- Increased funding of \$75,000 to our Health Department to support behavioral health and teen diversion programs
- Increased funding of \$87,186 for first responders with the Harford County EMS Foundation
- Contribution of \$125,000 to Susquehanna Hose Company for a fire/rescue boat
- Creation of a \$250,000 Self-Contained Breathing Apparatus (SCBA) replacement account for our volunteer firefighters' life safety equipment

CAPITAL PROJECT HIGHLIGHTS

- Highways, road and bridge repair projects: \$15,700,000 of which 86% is locally funded
- Storm water remediation projects funded at \$6.1 million
- Full funding for Fallston High School's artificial turf field: \$1,550,000
- Priority repairs for Volunteer Fire Company facilities: \$400,000
- Upgrades to replace the county's antiquated and inefficient computer software and hardware: \$2,737,500
- Havre de Grace Middle/High School replacement project funds planned to begin in FY 2018
- Fully funded the local share of the Board of Education's state capital budget request at \$8,181,000

COHORT culminates with real projects, real results

Continued from Page 1

learning activities tailored to participants. Participants will be challenged to step outside of their comfort zones in order to assimilate other ways to learn and lead. Session facilitators and guest speakers will aim to provoke innovative thinking, share best practices and support participants throughout the program.

While just nine sessions are scheduled, COHORT officials said the APG Senior Leadership Program is a 365-day program for participants because their learning, and awareness of their learning, will take place at all times—not only during scheduled meetings.

COHORT Director Claire Mean, along with her colleague Bob Devlin, were present to help get the program underway. They were joined by a number of SES visitors, and supervisors who have been supportive of COHORT over the years, as well as Muzzelo,

During the session, Mean and Devlin provided the attendees with course binders containing reflections from COHORT 1 through 7, as well as COHORT 8 requirements, schedules, and expectations. While the demands of the training might have at a glance appeared to be somewhat overwhelming, the mediators assured the APG and CECOM leaders that the journey ahead would be one that in the end, will have been well worthwhile.

"In the beginning, all of this can appear to be a little bit confusing, but as we move on you'll begin to see a rhythm



APG Senior Leader COHORT 8 participants listen during an exchange of thoughts and ideas during the program's kickoff meeting at the Mallette Training Facility on APG North (Aberdeen) in March.

with which this process moves," Mean said.

The program relies heavily on projects developed by the participant or assigned by APG leaders that will serve as the participant's learning context for the application of the information and knowledge acquired in classroom settings. These projects are "real-world based," providing individuals with deliverable results to take back to their organization and benefit the greater APG community.

The program culminates with individuals and teams briefing their projects or significant milestones to APG general

officers and senior executives. The individuals are also tasked to evaluate the projects, teams and individuals, reflecting on the real return-on-investment for their organizations.

Thanking those in attendance for their turnout and participation, Muzzelo shared a few words of encouragement and support, along with his perspective on the value of the COHORT program.

"The world we live in is pretty complex. Changes always happen. Within the Army you can see that from a personnel perspective, and from world events. The world is not clean and precise. We need people who are really leaders and

think strategically, have self-awareness, and have external awareness. This program will provide you some of those elements so that you can better see yourself, better understand how people see you, and try and be a more strategic thinker."

According to program organizers, the COHORT aims to benefit the Team APG community, APG organizations and the participants by:

- Connecting APG leaders and their organizations;
- Enhancing and strengthening cooperation and collaboration;
- Developing a cadre of leaders;
- Teaching and applying new skills to organizational challenges; and
- Expanding leadership capacities.

"Take advantage of the network that you have here [at the COHORT]," said a COHORT 3 graduate while advising the new cohort participants. "Even after you leave the course continue to build on your network. Stay open. Give feedback on some of the things that you've learned from the course. Take those things back to the office and or the organization and share them with others."

A newcomer to the program expressed her appreciation for the opportunity to participate in COHORT 8.

"I arrived at APG just four or five months ago," she said. "I'm feeling really grateful right now. I came from a world where the opportunities did not fit. So, I'm amazed at the opportunities I've discovered here at APG in such a short time."

APG CATCH-A-POACHER PROGRAM

A wide variety of wildlife call Aberdeen Proving Ground home. The APG Conservation Law Enforcement Branch is asking you to be a partner in protecting and preserving the natural resources here on post. If you see or have knowledge of poaching or illegal activity involving wildlife or natural resources, you can use the SUBMIT-A-TIP hotline to anonymously provide information to catch a poacher.

Call the SUBMIT-A-TIP "HOTLINE" at 410-306-4673.

Emergencies or violations in progress should always be reported via 911.

When reporting poaching or illegal activity involving wildlife or natural resources on APG, please take note of the information listed in the form below.

Name/Description/Address of the Poacher
Location/Days/Times & Type of Poaching
Vehicle/Vessel Description or Registration #

You can also cut out this completed SUBMIT-A-TIP form and mail it to: 2200 Aberdeen Blvd. APG, MD 21005



'Every Dollar Counts' brings changes starting July 1

Continued from Page 1

must be some due process for investigating the causes.

He provided the following example: Why didn't an infantry unit spend its entire budget? Did it in fact not need the money or was there something unique occurring that precluded the spending? Maybe they had to go on a two-month deployment to put out forest fires so they weren't able to execute their training budget. Over what period of time in years will this change of activity occur or be forecast to occur?

In sum, he said, "if there's no pressing requirement for the money, the unit should be able to turn it over without penalty."

Soldiers typically say – particularly in the latter part of the fiscal year – "we are 85 percent obligated on our funds or 72 percent expended on our funds," he said. That's not an informative metric. This new policy would require better metrics, for example: "I've spent 75 percent of my money, but I've achieved 80 percent of my training plan."

Spoehr called this change "an outcomes-based spending approach, where dollars are tied directly to readiness" – the chief of staff and acting under secretary of the Army's primary focus.

While that change in policy is significant, given that decades-old mentality, there are other big changes in Every Dollar Counts. Here are some of the other business transformation initiatives that will also execute July 1:

Costs Tied to Readiness

Commanders need an understanding of process costs for which they're responsible, Spoehr said.

Many in the Army do this very well, especially on the medical and industrial sides, he said. They understand this "because they have to live with those costs every day."

That understanding, however, is not as common in other parts of the Army such as those running a training program or an administration system. They've never paid any attention to those costs, he said, providing an example of the Department of the Army Form 31 leave procedure.

No one really knows the true cost of processing leave in a unit, he said. It actually involves 12 or 13 manual steps, from printing out paper and emailing supervisors to annotating it in a logbook, which is then driven over to finance – perhaps six hours of a Soldier's time per month. "Is that good use of that Soldier's time? I think not."

"If you look at the private sector, people don't do that," he continued.

A unit's budget will not be decremented for the sole reason that they failed to expend their money... if there's no pressing requirement for the money, the unit should be able to turn it over without penalty.

Lt. Gen. Tom Spoehr

Director, Army Office of Business Transformation

No Soldier should want that, "especially today's youth. They know intuitively better."

The policy will incentivize Soldiers to improve these and many other processes that occur throughout the Army every day, Spoehr said, adding that the leave taking process will become automated.

Commanders are being directed to encourage both stewardship and innovation in their units, he said. Every Soldier can contribute to this effort to find ways to save money or do things differently.

Performance Tied To Readiness

Also on July 1, headquarters commanders will establish performance measures of their staff at the two-star level and above for their commands, Spoehr said.

For instance, at U.S. Army Recruiting Command, the commander might want to improve the command's methods for identifying qualified and motivated talent, he said. The commander at Tank Automotive Research, Development and Engineering Center, for instance, might set some level of performance standards at their depots.

Many commands are setting these performance levels already "but that's not universal behavior in the Army," he said. This directs commanders to put in place a number of performance measures for their particular command and track and improve performance. "We aim to make this Army wide."

Leaders and organizations which demonstrate exemplary stewardship and innovative ideas "will be rewarded," he added.

Software Tied to Readiness

The Army is acquiring powerful business software that will help power Army business transformation and Every Dollar Counts, Spoehr said.

"We don't talk much about that. We have one of the best and most comprehensive suites of business software that's ever been fielded in the federal government, and the best in the Department of Defense," he offered. This software will help to "modernize all our back-office functions like payroll, human resources,

logistics and the Army's industrial base."

The software, called the "Integrated Army Business Suite," will be fully operating by fiscal year 2018. That is when its final component, the "Integrated Personnel and Pay System," goes online, he said.

Some of the things that software can help uncover might relate to both cost and readiness. Medical data could be used to find where Soldiers get injured most frequently in their first three years in the Army, for instance. Or logistics data could be parsed to discover which parts are needed most frequently for different types of vehicles, and at what point in their lifecycle.

"We'll have an ocean of data," he said. The next step would be training Army personnel in pulling what's needed from that data.

In some places, the Army is still using software acquired in the 1980s, he said. "In FY14, we retired 45 of these legacy systems, and in FY15 we retired 92. So we're pushing these old systems out."

Spoehr said his office is the enterprise advocate for new software capability. While the software will be customized for its users – for instance for logistics, there's the Global Combat Support System - Army – it will all be subsets of one giant system.

Other Cost-Avoidance Methods

The Army's "Every Dollar Counts" program is fairly new. But the Army has other programs that have been on-going for years now, which tie in with that effort. Lean Six Sigma, for instance, contributes to process improvement and the re-engineering of business approaches and methods, Spoehr said. Over 14,000 people in the Army have been trained in Lean Six Sigma.

These personnel "are empowered to go out and find problems for commanders and then diagnose how to fix them," he said. "In FY15 we validated \$800 million in savings and cost-avoidance in a number of areas."

U.S. Army Materiel Command came up with a new way to recycle armor-grade metals for upgrades to Abrams

tanks for instance, he said. "We didn't have to buy it and that alone saved \$72 million in FY15."

Another area where cost savings are being realized is looking at common contracts, he said. So if they have three or four overseas bases and they all need security support or trash removal, there are ways to lower costs by putting as many services as possible on the fewest number of contracts.

Reducing the size of division, corps and Department of the Army headquarters has also been a priority over the last several years, Spoehr said. The original goal was a 20 percent reduction, then the target shot up to 25 percent. Spaces saved there are then plowed back into the operating force.

Spoehr said the spaces weren't just arbitrarily cut.

"Our typical behavior when we cut spaces is to cut the lowest paid workers. We did some analysis to find out that our Army headquarters had become middle heavy," he said. "We had 10 echelons in our headquarters and had 50 percent of colonels and GS-15s who were reporting to another colonel or another GS-15. We deliberately went through DA headquarters reducing that judiciously."

Now, he said, supervisors manage about eight people, which also happens to be a typical industry standard for supervisor responsibilities.

Another example of headquarters size reduction involved looking for which responsibilities were more meaningful than others to mission. It was "an eye-opening experience" to find that one of the sole functions for many people was attending meetings as representatives for their boss, he said. This happened on multiple occasions.

Making a Difference

If the Army were ranked alongside private sector companies, Spoehr said, it would land at 10 on the "Fortune 500" list of companies. The Army has "revenue" from Congress totaling about \$126 billion a year. Just one percent of waste on that kind of money comes to \$1.26 billion.

"So there's opportunities in an endeavor this scale to make a huge difference," Spoehr said. "I have a license to go around the Army and try to bring in better business practices to make the Army better, where it's appropriate. Better business practices might not be appropriate in a platoon taking an objective, but most everywhere else there's opportunity to make our Army more businesslike and more effective. Every dollar we save by making the Army more efficient can be put back into maximizing readiness."

Network updates likely to cause service interruptions

Continued from Page 1

tagging, improved video teleconferencing, and other enhanced network capabilities.

The RNEC has been working with the APG Garrison Directorate of Public Works and NETMOD-C Team members to prepare various APG facilities for installation of the new networking equipment. Almost all core networking equipment has already been replaced.

During the next phase of the effort, May to August 2016, network equipment in end-user buildings will be replaced. During this phase, the RNEC in coordination with I3MP, 93d Signal Brigade, and soldiers from the 86th Expeditionary Signal Battalion will begin replacing

900 Network devices will be replaced across APG in more than **250** buildings

nearly 900 network devices in more than 250 buildings across APG.

This phase will have the most noticeable impact on RNEC customers. Unfortunately, there is no way for this modernization to take place without users experiencing some temporary service interruptions; however, the RNEC is doing everything in its power to

ensure all service interruptions are coordinated, kept to the absolute minimum duration, and are de-conflicted with key organization operations.

At this time, network devices supporting the C4ISR campus are not scheduled for replacement during the May to August 2016 round of NETMOD-C. The C4ISR campus network equipment is scheduled

for replacement in early FY17.

NETMOD-C is a country-wide program managed by the Installation Information Infrastructure Modernization Program Office from the Program Executive Office Enterprise Information Systems. NETMOD-C seeks to create a single, secure, standards-based network that is capable, reliable, and trusted by enabling global Joint Service collaboration. Over the next few years, the Army intends to have all installations upgraded to the latest network equipment.

This will be a busy time for the RNEC-APG and we would like to thank you, our customers, for your patience and understanding as we modernize our critical communications infrastructure.



DID YOU KNOW ?

April 23 is the 108th birthday of the U.S. Army Reserve.

The Army Reserve was founded April 23, 1908, when Congress authorized the Army to establish a Medical Reserve Corps, the official predecessor of the Army Reserve. After World War I, in accordance with the National Defense Act, Congress reorganized the U.S. land forces, authorizing a Regular Army, a National Guard, and an Organized Reserve (Officers Reserve Corps, or ORC, and Enlisted Reserve Corps) of unrestricted size, which later became the Army Reserve.

The two corps, which included the Reserve Officer's Training Corps, provided a peacetime pool of trained Reserve officers and enlisted men for use in war. In 1948, after Congress recognized the importance of the corps to the World War II effort, it was re-designated the Organized Reserve Corps and authorized retirement and drill pay.

Reserve Soldiers have participated in World War I, World War II, the Korean War, The Cold War, Desert Shield/Desert Storm and the Global War on Terrorism.

The reserve standard has changed in recent years. The "one weekend a month and two weeks in the summer represents the old standard. Today's operational expeditionary Army Reserve expects mobilization as a probability, not a possibility.

Since 9/11 more than 200,000 Army Reserve Soldiers have been activated in the Global War on Terrorism (GWOT). Today, almost 150,000 Army Reserve Soldiers serve in over 1600 units progressing through the Army's five year rotational ARFORGEN model.

The nation cannot go to war without the critical capabilities resident in the Army Reserve, according to Lt. Gen. Jeffrey Talley, Chief of Army Reserve and commander, U.S. Army Reserve Command.

Talley said that victory can only be attained with a totally integrated, three component (active Army, Army National Guard, Army Reserve) expeditionary force capable of persistent decisive action together with the other branches of the armed forces.

"The Army can't meet its missions without the Army Reserve," said Talley. "Our culture is about service to the Army. We are one total force."

The Army Reserve Command headquarters and the National Museum of the U.S. Army Reserve is located at Fort Bragg, North Carolina.



By **YVONNE JOHNSON**, APG News

Source(s): <http://www.usar.army.mil/Featured/SpecialFeatures/ArmyReserveBirthday.aspx>

<http://www.military.com/army-birthday/history-army-reserve.html>



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APG SNAPSHOT

Take a peek at the events making news in and around Aberdeen Proving Ground. For complete photo coverage, visit <http://www.flickr.com/photos/usagapg/>.



THEIR JOURNEYS and Adventures

MOMC OFFERS PARENT GRAB-N-GO BREAKFAST

While most Month of the Military Child, events tend to focus on children and youth, the Aberdeen Child Development Center saluted moms and dads with a Parent Continental Breakfast April 13. The self-serve spread featured fresh fruits and fruit juices, yogurt, bagels and cream cheese, muffins and Danish.

"We thought we'd just give them a little boost to start their day," said Assistant Director Linda Murphy.

"I think it's great; we don't always have time for breakfast," said mom Nicole Cecchini, while grabbing a bagel.

"They always look out for parents," added dad Tony Harris of the U.S. Army Materiel Systems Analysis Activity. "They take care of our kids and they take care of us from time to time."

Dan Ford of CERDEC, left, looks over the bagel selections with Linda Murphy, CDC assistant director, right, during the Parent Breakfast at the Aberdeen CDC April 13.

Photo by Yvonne Johnson, APG News

GOLD STAR MOTHER READS TO CDC CHILDREN

(Below) Gold Star Mother Yvonne Green reads, "Did I Tell You I Love You Today?" a book about the power of motherly love by Deloris Jordan, to children at the APG South (Edgewood) Child Development Center during "Read to Me Day," as part of the center's Month of the Military Child festivities April 18.

From left, Five-year-olds Jameson Weber, Holly Matthews and Ava Dagistan thank Gold Star Mother Yvonne Green, for her "Read to Me Day" visit with a hug.

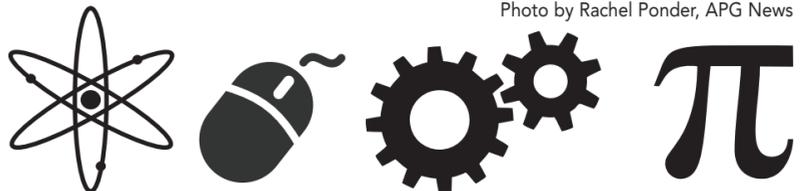
Photos by Rachel Ponder, APG News



STEM STRONG

Bria Cranshaw, 9, right, places marbles on a "bridge" constructed of paper, popsicle sticks and other materials while Jason Francisco-Hayes, 8, left, looks on. Children were challenged to build a bridge strong enough to hold several marbles during a STEM activity hosted by the CERDEC Educational Outreach team at the APG North (Aberdeen) youth center April 15.

Photo by Rachel Ponder, APG News



GIRLS SOCCER TEAM WINS CHAMPIONSHIP



Members of the APG Arsenal U12 girls indoor soccer team proudly pose with their medals after defeating the Abingdon Football Club 6-5 in the final championship game of the season at the Maryland Sports Arena April 16. The nail-biter ended with a shootout in which APG goalie Kylie Bannister blocked the opposing team's shot to win the game. The APG Arsenal is comprised of the daughters of APG Soldiers, civilians and contractors.

Courtesy photo

