



# APG NEWS

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## Groundwater remediation to begin at Maxwell Point

By **STACY SMITH**  
APG News

In accordance with the Directorate of Public Works' Environmental Division, remediation has begun at Maxwell Point on APG South (Edgewood) due to soil and groundwater contamination.

Local residents, boaters and passersby may notice increased activity at the 13,000 square foot plot of land situated on the cusp of the Gunpowder River.

Jennifer Schaefer, an assistant project manager with the Environmental Chemical Corporation, said soil mixing equipment including a drig rig and auger, approximately 30 feet tall, will begin work at the site within the next two to three weeks.

"Right now we're laying the groundwork and preparing the site for the first phase of remediation," Schaefer said. "We're putting in all the necessary controls to keep soil and sediment from moving off the site."

The majority of the remediation work will be conducted 7 a.m. to 4 p.m. Locals who are planning weekend or evening excursions near the site should not be affected by the increased activity.

See **REMEDIATION**, page 18



Photo by Stacy Smith

## 'Iron Eagles' compete for physical excellence

Pfc. Pablo Chavez, with the Medical Research Institute of Chemical Defense, strains to perform a final sit-up as a judge eyeballs his form during the second APG Iron Eagle competition at the crowded APG South (Edgewood) Hoyle Gym Feb. 4. Hosted by the APG Army Performance Triad, the event included first place winners and runner-ups in push-ups, sit-ups, pull-ups, dips and running challenges.

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## Teens learn signs of unhealthy relationships

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

Middle school students at the APG North (Aberdeen) youth center learned about unhealthy relationships and dating behaviors Feb. 6 as part of several events planned for installation youth during National Teen Dating Violence Awareness and Prevention Month.

Army Community Service Family Advocacy Program manager Rose Smith and ACS Victim Advocate Coordinator Mike Farlow gave a presentation to the youth and several teens acted in a short skit on inappropriate dating behaviors. ACS also distributed information about on-post resources and pamphlets on teen dating violence, bullying, depression, stress, school violence, teen suicide and more.

February is designated as National Teen Dating Violence Awareness and Prevention Month, an educational campaign designed to raise awareness about abuse in teen relationships.

The Centers for Disease Control and Prevention defines teen dating violence as "the physical, sexual, psychological, or emotional violence within a dating relationship, including stalking."

According to Smith, unhealthy dating relationships can lead to

See **TEEN**, page 18



ACS Victim Advocate Coordinator Mike Farlow talks to middle school students about teen dating violence and prevention during an event at the APG North (Aberdeen) youth center Feb. 6. Many of the teens wore the orange lanyards and sunglasses they received during the presentation - orange is the color of teen dating violence awareness - and were encouraged to wear the items to school Feb. 9 to educate their peers, teachers and parents about teen dating violence.



## APG South 2016 WATER MAIN FLUSHING

| Dates              | Area   |
|--------------------|--|
| January - March    | E1500-E1900 area, E6000 area.                                    |
| Feb. 18-20         | APG South housing area, E1220-E1300 area, and child care center. |
| April - June       | E2000 area.  |
| July - September   | E3000-E4000 area.  |
| Aug. 11-13         | APG South housing area, E1220-E1300 area, and child care center. |
| October - December | E5000 area.  |
| Nov. 10-12         | APG South housing area, Austin Road.                             |

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

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

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# STREET TALK

Washington's Birthday, known to many as Presidents Day, will be celebrated Feb. 15.

## Who is your favorite president, and why?

Ronald Reagan is my favorite president because he made big changes across the board, changes that were much needed during that time.



**Cpl. Brandi Fincher**  
20th CBRNE Command

President Abraham Lincoln is my favorite because he contributed to the end of slavery. He gave African Americans the chance to live the American dream. I also admire President Barack Obama because even though the odds were against him, he has accomplished so much during his presidency, and he is a decisive leader.



**Colvin Bennett**  
Retired Army

Bill Clinton is my favorite president because he was a good communicator and worked well with both parties.



**Bill Sloma**  
Retired civilian

I think George Bush senior and his son, George W. Bush, were both good presidents. I just like the way they did things, and they loved the military. They had integrity and I think they had the country's best interests at heart.



**Mary Gray**  
Military spouse

Abraham Lincoln is my favorite president because of what he did for minorities. Every time I go to Washington D.C., I visit his memorial.



**Sgt. 1st Class Roman Pilkington**  
ATC

# Reduced tuition rates for Federal Employees

APG Army Education Center

The U.S. Office of Personnel Management has signed agreements with the University of Maryland University College and Champlain College Online which allow for reduced rates on certificates and undergraduate and graduate degree programs for current federal employees, spouses, and family members.

Both colleges are regionally accredited institutions. The graduation rate for UMUC is 56 percent for undergraduates and 59 for graduates. The graduation rate for Champlain College is 55-60 percent for undergraduates and graduates.

Students attending UMUC receive a 25 percent discount on all undergraduate and most graduate programs. Typical undergraduate degrees are approximately \$31,920 and graduate degrees average \$16,302. Maryland Residents pay slightly less per semester hour. Out-of-state students are not offered reduced tuition rates on graduate programs in Cyber Security, Digital Forensics, Cyber Investigation, Data Analytics, the MBA, or executive and doctoral programs.

The fee structure at Champlain College Online for federal employees is based on a subscription. Students select the subscription level for their budgets. Undergraduate degrees are approximately \$12,000 and graduate degrees cost less



than \$10,000. Champlain College does not offer doctoral programs, but recently added an MS in Information Security Operations available online at: <http://www.champlain.edu/truedfed/degrees-certificates/masters-degrees/ms-information-security-operations>

For more information about Champlain's truED, go to <http://www.champlain.edu/truedfed>.

Additional information about UMUC's FED program can be found at: [http://www.umuc.edu/federal-government/?utm\\_source=opm-umuc&utm\\_medium=direct-unattributable&utm\\_campaign=natl-opm-release&marketcode=wx000044](http://www.umuc.edu/federal-government/?utm_source=opm-umuc&utm_medium=direct-unattributable&utm_campaign=natl-opm-release&marketcode=wx000044).

For more information about educational opportunities through the Education Center contact Tressie Stout, Army Education Center Test Control Officer, in Bldg. 4305, second floor, at 410-306-2042 or email [tressie.d.stout.civ@mail.mil](mailto:tressie.d.stout.civ@mail.mil).

# Carter announces benefits for military families

By **LISA FERDINANDO**  
DOD News

The Defense Department is increasing military maternity leave and instituting other changes in an effort to support military families, improve retention and strengthen the force of the future, Defense Secretary Ash Carter said Feb. 1.

Women across the joint force can now take 12 weeks of fully paid maternity leave. The 12-week benefit is double the amount of time for paid maternity leave from when Carter became defense chief nearly a year ago, he noted.

"This puts DOD in the top tier of institutions nationwide and will have significant influence on decision-making for our military family members," Carter said.

While being an incentive for attracting and retaining talent, the secretary said, the benefit also promotes the health and wellness of mothers through facilitating recovery and promoting feeding and bonding with the infant.

"Our calculation is quite simple - we want our people to be able to balance two of the most solemn commitments they can ever make: a commitment to serve their country and a commitment to start and support a family," he said.

The announcement builds on previously announced initiatives on strengthening the force of the future, he said. Those previous reforms, he added, included opening all remaining combat occupations to women.

### Parental leave, support for new parents

The maternity leave decision applies to all service members in the active-duty component and to reserve-component members serving in a full-time status or on definite active-duty recall or mobilization orders in excess of 12 months.

The 12 weeks is less than the Navy's decision last year to institute 18 weeks of fully-paid maternity leave, Carter noted. Sailors and Marines, who currently are pregnant or who become pregnant within 30 days of the enactment of the policy, can still take the full 18 weeks of paid leave, he said.

To better support new mothers when they return to work, Carter said, he is requiring that a mothers' room be made available in every DOD facility with more than 50 women. In addition, the DOD is seeking legislation to expand military paternity leave from the current 10-day leave benefit to a 14-day noncontinuous leave benefit, he said.

### Increasing hours of military child care

The DOD subsidizes child care on military installations to

Female active-duty service members can now take **12 weeks of fully paid maternity leave** following the birth of their child.

ensure its affordability, Carter said. However, he added, military families often have to use outside providers because the hours at military child care facilities do not align with the work schedules of service members.

With those challenges in mind, the DOD is increasing child care access to 14 hours of the day across the force, he said.

"By providing our troops with child care they can rely on from before reveille until after taps, we provide one more reason for them to stay on board," he said. "We show them that supporting a family and serving our country are by no means incompatible goals."

### Remain at current location with additional obligation

Carter noted that military members might want to stay at their current location for a variety of family-related reasons, such as wanting to remain near relatives, be close to a medical facility that specializes in care needed for a child with a medical condition, or have a child finish out the same high school.

When the needs of the force permit, the secretary said, commanders will be empowered to make reasonable accommodations to allow service members to remain, in exchange for an additional service obligation.

### Greater flexibility in family planning

The military asks its men and women to make incomparable sacrifices, Carter said, potentially putting them in situations where they could suffer injuries that would prevent them from having children in the future.

Taking into account the tremendous sacrifices military members make, the DOD will cover the cost of freezing sperm or eggs through a pilot program for active-duty service members, Carter said.

The department also is looking at how it can provide reproductive technologies like IVF to a wider population, he said. Currently, the DOD provides reduced-cost treatment at six locations.

These benefits provide the force greater confidence about their future, and they allow greater flexibility for starting a family, Carter said.

They are one more tool, he said, to make the military a family-friendly employer that honors the desires of those who want to commit fully to their careers or serve courageously in combat while preserving their ability to have children in the future.

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## See Something

Cut along dotted lines and fold in middle for use as wallet reference Card.

Provided by the INTEL DIV/DPTMS

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# Army honors RDECOM with Superior Unit Award

Award recognizes mission to destroy Syrian chemical-weapon stockpile

By **DAN LAFONTAINE**  
RDECOM

The U.S. Army Research, Development and Engineering Command has received an Army Superior Unit Award for destroying the Syrian chemical weapons stockpile in 2013 and 2014.

Because of the mission's urgency, the Department of Defense needed an existing team with the expertise, skill sets and personnel to accomplish the task quickly, said Maj. Gen. John F. Wharton, RDECOM commanding general.

"RDECOM's mission is to develop capabilities, and in this case we developed, deployed and operated a unique capability that allowed the U.S. to lead an international effort to rid the world of Syria's declared chemical weapons," Wharton said. "Our scientists, engineers and technicians stepped forward not just to deliver a novel technical solution but to give the nation the ability to shape an international environment in the middle of ongoing hostilities."

In February 2013, RDECOM's U.S. Army Edgewood Chemical Biological Center led a multi-organization team at APG through full life-cycle development, test and evaluation of the Field Deployable Hydrolysis System.

In six months, scientists and engi-



U.S. Army technicians test the Field Deployable Hydrolysis System in July 2013 at Aberdeen Proving Ground, Maryland. The FDHS was used by technicians aboard the MV Cape Rape to destroy the Syrian chemical weapon stockpile.

Photo by Conrad Johnson, RDECOM

neers miniaturized an existing technology that had been proven to neutralize mustard agent and nerve agent precursors using hot water and sodium hydroxide. They converted a complex covering 18 acres to the 700-foot by 100-foot space available in the hold of a ship.

Teams installed two FDHS units on

the MV Cape Ray in January 2014. Forty-five Army civilian field operators deployed to the Mediterranean Sea where they destroyed 600 tons of chemical weapons in 42 days, which was 20 days ahead of schedule.

"RDECOM takes great pride in its global science and technology reach,"

Wharton said.

"As the RDECOM commanding general I know this comes down to the world-class expertise of our people and their willingness to do what it takes to accomplish the mission. Congratulations to our dedicated Army civilians for their service."

## Leave Donations Employees eligible for donations in the Voluntary Leave Transfer Program

To participate in the Voluntary Leave Program, use forms OPM 630, Application to Become a Leave Recipient Under the Voluntary Leave Transfer Program; OPF 630-A, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (within agency); or OPM 630- B, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (outside agency). Please contact Sue Campbell at 410-306-0266 or sue.a.campbell8.civ@mail.mil

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## BY THE NUMB#RS

### Celebrating Black History Month

Since 1976, Black History Month has been celebrated every February to commemorate the accomplishments and influence of black Americans throughout U.S. history.

**250,000**

Number of people who gathered at the Lincoln Memorial during the 1963 March on Washington for civil and economic rights. On Aug. 28, Dr. Martin Luther King, Jr. delivered his iconic "I Have a Dream" speech.

**300**

Number of derivative products African-American inventor George Washington Carver developed from peanuts, among them cheese, milk, coffee, flour and ink.

**76**

Years that have passed since Hattie McDaniel became the first African-American performer to win an Academy Award for her portrayal of a loyal slave governess in "Gone with the Wind." McDaniel attended the ceremony in 1940, but was segregated from white nominees.

**44**

Years that have passed since Shirley Chisholm became the first African-American female to run for U.S. president. She was first elected to Congress in 1968.

**23**

Number of Buffalo Soldier, or all-black regiments, of the U.S. Army that have been awarded the Medal of Honor - the highest number of any U.S. military unit.

**13**

Age at which African-American nuclear scientist and mathematician Jesse Ernest Wilkins, Jr. entered the University of Chicago in 1942. He is the youngest student ever enrolled at the institution.

By **STACY SMITH**, APG News

Source(s): www.history.com, www.pbs.org, www.oxfordsd.org, www.smithsonianmag.com

# Dunn bids 20th CBRNE farewell

Story and photo by  
**MAJ. RYAN DONALD**  
20th CBRNE Command

Command Sgt. Maj. Harold E. Dunn, the top non-commissioned officer for the 20th Chemical Biological, Radiological, Nuclear, and Explosives Command, handed over his responsibilities of Senior Enlisted Advisor during a Relinquishment of Responsibility ceremony at Aberdeen Proving Ground, Feb. 4.

Dunn has been a Soldier of the 20th since its conception. “I basically grew up in this command,” he said. “It is an amazing organization to be part of, and the opportunity has been an honor.”

Working with the 20th CBRNE Command has also given him the opportunity to collaborate with local, state and federal agencies such as the FBI, Secret Service and the Bureau of Alcohol, Tobacco, Firearms and Explosives.

Dunn’s core principles are “never quit” and “always care.” Following the latter, his main effort as a sergeant major was to impact the Soldiers and their families in a way they maintain

their focus and their discipline and to care about each other.

His efforts did not go unnoticed by his colleagues.

“Command Sgt. Maj. Dunn is an extraordinary Army leader. He believed in the commanding general’s vision for the command, and worked tirelessly to achieve it,” said Ray Van Pelt, the 20th CBRNE deputy commanding officer. “He sets the standard for leadership, integrity, discipline and enthusiasm for everyone to emulate. It has been an honor and privilege to serve with him these past two years, and we wish him and his family the best of success at Fort Bragg.”

Dunn’s next assignment is the U.S. Forces Command operations sergeant major.

**Command Sgt. Maj. Harold E. Dunn, right, the top non-commissioned officer for the 20th Chemical Biological, Radiological, Nuclear, and Explosives Command, relinquishes responsibility of the command during a ceremony on APG, Feb. 4.**



# Public Works maps out installation data

By **STACY SMITH**  
APG News

At the Directorate of Public Works master planning division office, Program Manager Doug Evans and his small team of fastidious analysts use geographic information systems (GIS) to map every nook and cranny of APG.

“GIS is a way we can record the location of all of our assets on base,” Evans said. “And when I say assets, it’s literally just about everything that was built, or has grown, on Aberdeen Proving Ground. It is in essence, a very intelligent, interactive map of the garrison.”

According to the National Geographic education webpage, a geographic information system (GIS) is a computer system for capturing, storing, checking and displaying data related to positions on Earth’s surface. Evans and his team use GPS survey instruments in-field to pick up dozens of satellites that orbit the Earth in order to narrow down the accuracy of a coordinate point.

Evans said the type of GPS (Global Positioning System) people use on their phones while driving is based on GIS. He described APG’s GIS as “a garrison-level version of Google Maps, with much more detail” that captures the loca-

## Geographic Information System

A system designed to capture, store, check, and display data related to positions on Earth’s surface in order to more easily see, analyze and understand patterns or relationships.

tion of all buildings, roads, utilities and infrastructure on the installation, as well as its environmental features such as wetlands and eagles nests.

This information is stored in about 250 separate electronic layers in a large database. The database is used by several garrison directorates for everything from tracking land usage and the number of buildings on post to populating the 911 call center database and recording fire and emergency services response times.

“It’s a lot more than just a map,” Evans said. “When people that aren’t familiar with what GIS is [or] ask us what we do; in order to avoid a very long explanation we generally just say, ‘we make maps.’ But its way more than that,” he said.

Evans said in addition to mapping an area’s current attributes, his team

can also overlay its historic and cultural information, which APG leadership can then use to make key mission decisions. The location of a new building, the most effective emergency route in a snow storm, the best land for an environmental project – all are decided, in part, by using GIS.

The necessity of GIS and its functions have propelled Evans and his team to create a committee for bilateral information sharing.

For instance, during a committee meeting they might discuss upcoming plans to update the DPW Environmental Division’s wetland boundary layer, or request help from other data contributors in keeping their data up-to-date and accurate, Evans explained.

Evans encouraged all GIS users and contributors to attend the meeting, as

well as anyone with proper security clearance who is interested in learning more about the system and how to apply it to their mission. He said the committee plans to meet quarterly, and meetings will feature live GIS demos.

“We want to bring all the consumers of our data together and give them a chance to talk about their needs and ideas,” Evans said. “When you get that many different people in a room with different pieces of the puzzle, the people who might just be paper map users may learn more and realize, ‘hey, I could use that to help me perform my mission.’”

The first GIS committee meeting is scheduled for Feb. 24 at 10 a.m. For more information, contact Doug Evans at 410-306-1168, or douglas.k.evans.civ@mail.mil.

# Army researchers tackle head injuries in NFL and on battlefield

Edgewood Chemical Biological Center

Military color guards and aircraft flyovers add to the fan experience at NFL games, but a team of Army scientists and researchers are currently working with the NFL to increase player safety when it comes to head injuries.

While the powerful tackles and hard hits that professional football is known for can be exciting to watch, they have also become a source of increased scrutiny for the NFL. The league recently released data that showed the number of player concussions reached a four-year high in 2015. Almost a third of those injuries were from helmet-to-helmet collisions.

Changing the rules to penalize teams and players for dangerous hits is one step the NFL has taken to protect players from serious injury. Changing the equipment they wear might be the next. That’s where the Army’s scientific community comes in.

The U.S. Army Research Laboratory’s design for a helmet-to-body tether system has reached the final stage of the Head Health Challenge II, a competition sponsored by the NFL, Under Armour and General Electric to design innovative approaches for preventing and identifying brain injuries.

The sponsors have committed up to \$20 million to fund solutions that advance the development of technologies that can detect early stage mild traumatic brain injuries and improve player protection.

So far, the ARL team has been awarded \$500,000 to further advance their project, with the chance to receive up to

\$1 million to continue their research.

The team is comprised of engineers and researchers from ARL’s Weapons and Materials Research and Survivability and Lethality Analysis Directorates, plus co-op engineering students, a small business partner, and an industrial designer from ECBC’s Advanced Design and Manufacturing Product Realization Division.

“Anytime we are working on a project that will directly affect a person’s health and well-being, that is exciting and rewarding,” said Gregory Thompson, the ECBC industrial designer involved in the project. “The whole team is excited to continue research and development of our concept and see this turn into a real, wearable product.”

ARL’s concept uses rate-dependent tethers that connect a player’s helmet to the body and allow for freedom of motion at low speeds (think typical play-by-play action), but provide high-force resistance during faster, more sudden events, such as tackling and colliding with the ground.

“Our experiments show that peak head acceleration, an important correlating factor with head injury, can be reduced by 50 percent with our technology,” said Dr. Eric Wetzel of ARL’s Weapons and Materials Research Directorate, who is leading the project. “Over the next 12 to 18 months, we will be working with commercial partners to convert our laboratory concept into a wearable garment for sports and military applications.”

The team is using an instrumented mannequin to mimic a football player falling backwards and striking the back of his head on the ground with the high



U.S. Army photo

A team of researchers from the U.S. Army Research Laboratory was one of three awarded funding in the final phase of the National Football League, Under Armour and General Electric’s Head Health Challenge II with a chance to receive up to \$1 million toward head protection research. In the head-to-body tether concept, straps permit voluntary head motion while inhibiting the violent head motions that are associated with injury. ECBC printed a 3-D model that illustrates the technology vision.

force and velocity similar to a tackle. During this motion, the tethers stiffen between the helmet and the body, which inhibits the violent motion when the head hits the ground.

Thompson said ECBC’s Advanced Design and Manufacturing Product Realization Division partners with many organizations who need rapid-prototyping services. ECBC’s world-class 3-D printing laboratory is capable of creating advanced prototypes throughout the research and development process.

“We have a strong partnership with ARL to take their research and assist in realizing a functional prototype or product,” Thompson said. “We design products to best consider functionality for the end user, including aesthetic appeal, ergonomics, fit and function, and adoptability for the user.”

Football players are not the only

people likely to sustain brain injury during their careers. According to the Defense and Veterans Brain Injury Center, more than 313,000 service members have been diagnosed with a traumatic brain injury since 2000. The Army has conducted lengthy studies on traumatic brain injury in an effort to diagnose, care for and prevent such injuries.

The ARL team views this project as an opportunity to advance the technology to mitigate head trauma for Soldiers, in addition to pro athletes.

“On the military side, we’re developing this technology with an eye toward application for Soldiers to reduce the probability for head injury, including paratroopers,” Thompson said. “It’s great to be actively doing something to address a problem that is at the forefront of the NFL, but has the potential to benefit the warfighter.”

“Anytime we are working on a project that will directly affect a person’s health and well-being, that is exciting and rewarding.”

**Gregory Thompson**  
ECBC industrial designer



## Army Nurse Corps celebrates 115 years of dedicated service

Medic Spc. James Paganini cuts a cake in honor of the Army Nurse Corps 115th birthday at Kirk U.S. Army Health Clinic, Feb. 3, with the assistance of Registered Nurse Linda Terzigni, as Capt. Jolli Miracle and retired Lt. Col. Jeanne Weaver look on. The ceremonial cake cutting brought together the clinic's most seasoned nurses and its novices.

According to event organizer Maj. Maria Angeles, the cake cutting "symbolizes the passing of experience and knowledge from one generation to the next in the ANC and the nurturing guidance provided to the newer nurses by those more experienced."

Photos by Molly Blossie, APG News



KUSAHC personnel pose for a photo during the Nurse Corps anniversary celebration, Feb. 3.

In addition to the cake-cutting, celebrations included remarks from KUSAHC Commander Lt. Col. Wesley J.L. Anderson, who spoke of the unity of the Nurse Corps, a trivia game hosted by Capt. Jenny Allen, clinical nurse OIC, and a video of the Army Nurse Corps history.



# MARK YOUR CALENDAR

## MORE ONLINE

More events can be seen at [www.TeamAPG.com](http://www.TeamAPG.com)

### events&town halls

#### WEDNESDAY FEBRUARY 17

##### INSTALLATION TOWN HALL

APG Senior Commander Maj. Gen. Bruce T. Crawford will host an installation town hall at the APG North (Aberdeen) theater at 10 a.m.

The town hall is a great opportunity to break away from work and find out what's going on within the Army and our community.

#### WEDNESDAY MARCH 23

##### ARMED SERVICES BLOOD PROGRAM BLOOD DRIVE

Donors – jack into the blood grid and infuse life. The Armed Services Blood Program will host a blood drive at the APG North (Aberdeen) recreation center 9 a.m. to 1 p.m. Walk-ins are welcome, but donors are encouraged to make appointments online at [www.militarydonor.com](http://www.militarydonor.com). Use the sponsor code APGMD.

For more info, visit [militaryblood.dod.mil](http://militaryblood.dod.mil).

#### WEDNESDAY MARCH 30

##### WOMEN'S HISTORY MONTH TRAINING PROGRAM

The Federal Women's Program will host a Women's History Month Training Program at Mallette Training Facility on APG North (Aberdeen), Bldg. 6008 from 8 a.m. to 4 p.m. Registration is due March 23 by visiting <https://register.apgea.army.mil/FWP/>. Seats are limited.

### meetings&conferences

#### THURSDAY FEBRUARY 18

##### SOCIETY OF AMERICAN MILITARY ENGINEERS CHESAPEAKE POST MEETING

The Society of American Military Engineers Chesapeake Post will host its monthly meeting from 11:30 a.m. to 1:30 p.m. at the Wetlands Golf Club Aberdeen. This month's featured speaker is Mr. Larry Muzzelo, Deputy to the Commanding General, U.S. Army Communications-Electronics Command (CECOM). His presentation is titled, "CECOM Overview- Initiatives and Challenges."

Register online using credit payment at <http://www.eventbrite.com/e/same-chesapeake-post-february-luncheon-tickets-21205427003> or at the door using cash or check.

For more information, contact Tom Fren-dak at 410-688-0318.

### health&resiliency

#### THURSDAY FEBRUARY 18

##### HEALTHY HEART INFO SESSION

The C4ISR Wellness Committee will host a Healthy Heart Informational Session from 11:30 a.m. to 12:30 p.m. at the Myer Auditorium on APG North (Aberdeen). During the session, the speaker will discuss how choosing the right foods, activities, and lifestyles can keep your heart and the rest of your body healthy. There will also be a 10-15 minute Zumba class.

The session is open to civilians, contractors, and service members.

VTC will be available for employees who are not stationed at APG. If your organization will need a VTC dial in number and code, please contact the G1. For sign language interpreters and other disability-related accommodations, please contact the CECOM EEO Office at 443-861-4355 by Feb. 11.

For more information, contact Tiffany Grimes at 443-861-7901 or [tiffany.l.grimes.civ@mail.mil](mailto:tiffany.l.grimes.civ@mail.mil).

#### THURSDAY FEBRUARY 25

##### PREGNANCY INFO SESSION

The C4ISR Wellness Committee will host a Pregnancy Informational Session in Bldg. 6002, 3rd floor, room 114 (CERDEC Conference Room) from 11:30 a.m. to 12:30 p.m.

The session will be an overview of pregnancy, giving information and tips on different stages, actual child birth, breast feeding, and post-partum depression. Any mothers wishing to sign up for the CECOM Headquarters Nursing Mothers' Room should contact the G1 POC for more information.

The session is open to civilians, contractors and service members. All non-C4ISR employees must register by Feb. 18.

For more information, or to register, contact Tiffany Grimes at 443-861-7901 or [tiffany.l.grimes.civ@mail.mil](mailto:tiffany.l.grimes.civ@mail.mil).

#### THURSDAY MARCH 3

##### NUTRITION INFO SESSION AND COOKING DEMO

The C4ISR Wellness Committee will host a Nutrition and Cooking Demo Information Session at the Myer Auditorium, Bldg. 6000, from 11:30 a.m. to 12:30 p.m.

Open to all, the session will discuss how

to live a healthy lifestyle and provide tips on weight loss and preventing emotional eating. The session will end with a short cooking demonstration. C4ISR Slim Down Participants should bring their Wellness Activity Rosters for attendance credit.

For more information, contact Tiffany Grimes at 443-861-7901 or [tiffany.l.grimes.civ@mail.mil](mailto:tiffany.l.grimes.civ@mail.mil).

#### TUESDAY MARCH 22

##### SLEEP AWARENESS & INFO SESSION

The C4ISR Wellness Committee will host a Sleep Awareness info session at Bldg. 6001, second floor, room 224, from 11:30 a.m. to 12:30 p.m.

The session will focus on importance of getting a good night's sleep to achieve optimal health and to help deal with everyday stressors.

Open to civilians, contractors and service members, non-C4ISR employees must bring their CAC to gain access to the building.

For more information, contact Tiffany Grimes at 443-861-7901 or [tiffany.l.grimes.civ@mail.mil](mailto:tiffany.l.grimes.civ@mail.mil).

#### THURSDAY MARCH 24

##### FIRST AID TRAINING CLASS \*REGISTRATION REQUIRED\*

The C4ISR Wellness Committee will host a registration-required First Aid Training Class taught by the APG Fire Department at Bldg. 6001, second floor, room 224.

The class will teach individuals how to react to a variety of medical events, as well as traumatic injuries. They will also discuss the public, as well as Emergency Medical System on APG, as well as your access to it. This course meets all the American Heart Association 2010 Guidelines for First Aid certification. Participants will receive a 2 year certification from the American Safety and Health Institute for attending the course.

The class is open to C4ISR employees, contractors and service members. Registration is required and there is limited seating. Interested individuals must register by March 14.

For more information, or to register, contact Tiffany Grimes at 443-861-7901 or [tiffany.l.grimes.civ@mail.mil](mailto:tiffany.l.grimes.civ@mail.mil).

#### THROUGH MAY

##### AMERICAN SIGN LANGUAGE CLASS

An American Sign Language Class will be held 11:30 a.m. to 12:30 p.m. each Tuesday, Feb. 9 through May 3, in the conference room at Bldg. E4301 in APG South (Edgewood). The class is free and consists of basic to advanced level sign language. The textbook, "ABC, A Basic Course in American Sign Language," is required and can be purchased on <http://www.amazon.com>.

To register, for directions, or more information, contact instructors Randy Weber at 410-436-8546, [randy.k.weber.civ@mail.mil](mailto:randy.k.weber.civ@mail.mil) or Matt Rappaport at 410-436-4096, [matthew.rappaport.ctr@mail.mil](mailto:matthew.rappaport.ctr@mail.mil).

#### THROUGH MID-2016

##### ARMY WELLNESS CENTER RELOCATED

As a result of ongoing renovations to Kirk U.S. Army Health Clinic, the APG Army Wellness Center has relocated to the trailers directly across from the main KUSAHC building, near the Veterinary Treatment Facility.

For more information, contact the wellness center at 410-306-1024.

#### THROUGH MID-2016

##### KUSAHC OCCUPATIONAL HEALTH RELOCATED

As a result of ongoing renovations to Kirk U.S. Army Health Clinic, occupational health services have relocated to the trailers directly across from the main KUSAHC building, near the Veterinary Treatment Facility.

For more information, contact occupational services at 410-278-1912/1913.

#### ONGOING

##### WEAR BLUE: RUN TO REMEMBER HARFORD COUNTY/APG

A Harford County/APG-based Wear Blue: Run to Remember community has been established, with ongoing meets the second Saturday of every month 8:30 a.m. at the Maryland and Pennsylvania Heritage Trail in Fallston.

Wear Blue: Run to Remember communities run, jog and walk in honor of the nation's fallen, fighting and families.

Those interested in participating in the run should meet at the Annie's Playground – Pavilion at 864 Smith Lane, Fallston, Maryland. Pets are allowed, but park rules do not allow retractable leashes.

All ability levels are welcome. Participants are strongly encouraged to wear blue.

##### Upcoming dates include:

- Feb. 13
- March 12
- April 9

For more information, contact Robin Bruns at 910-987-6764 or [brunsrd@yahoo.com](mailto:brunsrd@yahoo.com).

#### ONGOING

##### 2016 CPR & AED TRAINING CLASS SCHEDULE

The APG Directorate of Emergency Services has announced the CPR/AED class schedule for 2016. Classes are open to the entire APG community.

All APG North (Aberdeen) classes will be held at Bldg. 3147. All APG South (Edgewood) classes will be held at the Maryland Fire and Rescue Institute's North East Regional Training Center, located near the Edgewood (Wise Road) gate.

- Feb. 18 – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.
- March 17 – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.
- April 21 – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.
- May 19 – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.
- June 16 – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.
- July 21 – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.
- Aug. 18 – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.
- Sept. 22 – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.
- Oct. 20 – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.
- Nov. 17 – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.
- Dec. 15 – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.

For more information, contact Mike Slayman at 410-306-0566.

### family&children

#### FRIDAY APRIL 1

##### SOCIETY OF AMERICAN MILITARY ENGINEERS SUMMER CAMP APPLICATION DEADLINE

The Society of American Military Engineers will fund two one-week scholarships at an engineering and construction camp for two rising 10th to 12th grade high school students who are interested in STEM careers.

Students will work as part of a real engineering or construction project team and provide students an opportunity to broaden their engineering knowledge.

To apply, visit [www.samecamps.org](http://www.samecamps.org) or email [Stanley.e.childs.civ@mail.mil](mailto:Stanley.e.childs.civ@mail.mil) for more information.

### miscellaneous

#### STARTING FEBRUARY 22

##### APG ARMY EDUCATION CENTER REDUCED HOURS

The APG Army Education Center will have reduced hours of operation starting Monday, February 22. New hours of operation will be 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](mailto: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](mailto:nancy.judd@usma.edu) or Education Services Specialist Neil Sakumoto at 845-938-5389 or [neil.sakumoto@usma.edu](mailto:neil.sakumoto@usma.edu).

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

#### THROUGH MARCH 23

##### 2016-2017 SENIOR SERVICE COLLEGE FELLOWSHIP PROGRAM NOW ACCEPTING APPLICATIONS

The U.S. Army Acquisition Support Center is currently accepting applications for the 2016-17 SSCF program through March 23. The SSCF Program is a 10-month educational opportunity conducted under the auspices of the Defense Acquisition University (DAU) at Huntsville, Alabama, Warren, Michigan and Aberdeen Proving Ground, Maryland.

The SSCF program prepares government civilians at the GS-14/15 levels or equivalent for senior leadership roles by provides training in leadership and acquisition. Program components include completion of DAU's Program Management Course (PMT 401), courses in leadership, applications of acquisition to national defense issues, research in acquisition topics, mentoring, and a distinguished speaker program.

For complete program information and application requirements, please visit: <http://asc.army.mil/web/career-development/programs/defense-acquisition-university-senior-service-college/>

For APG specific program information, please visit: <http://www.dau.mil/sscf/Pages/apg.aspx>.

For more information about the program, please contact Jim Oman at [james.oman@dau.mil](mailto:james.oman@dau.mil) or 410-272-9470.

#### MARCH 31

##### SOCIETY OF AMERICAN MILITARY ENGINEERS STEM SCHOLARSHIP APPLICATION DEADLINE

The Chesapeake Post of the Society of American Military Engineers announces the

availability of the 2016-17 college scholarship applications. The purpose of the SAME Chesapeake Post scholarships is to encourage and support talented students in their pursuit of STEM careers. Each scholarship recipient will also be provided with a SAME mentor.

Scholarships will be awarded in two categories, high school seniors and current college students. Amounts will range from \$300 to \$1,000 per student. The post anticipates awarding five to 10 scholarships. Students must meet the "Scholarship Selection Criteria" requirements and be pursuing a career in a STEM area as defined on the application. Students must reapply each year.

The SAME Chesapeake Post Scholarship Committee will meet in April to review applications. All applicants will be notified of their determination. Preference will be given to those applicants who: are already members of SAME, have attended a meeting or SAME event in the past year, have participated in an engineering or science activity (i.e. robotics competition), or have participated in an internship at APG or other engineering or science related facility.

Scholarship information can be found at [www.same.porg/chesapeake](http://www.same.porg/chesapeake). The application deadline is March 31.

Questions should be directed to Stan Childs at 410-322-8575 or [Stanley.e.childs.civ@mail.mil](mailto:Stanley.e.childs.civ@mail.mil).

#### ONGOING

##### FREE INCOME TAX PREP

The Office of the Staff Judge Advocate, Client Services Division offers free income tax preparation for eligible patrons, including active-duty service members, retirees and their family members.

The OSJA, CSD is located in Bldg. 4305, Room 317. Its hours of operation are Monday – Thursday, 9 a.m. to 1 p.m.

For more information, or to schedule an appointment, call 410-278-1583.

#### 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:

- Jan. through March: E1500-E1900 area, E6000 area.
- Feb. 18-20: APG South housing area, E1220-E1300 area, and child care center.
- 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](mailto: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:

- Feb. 18 – APG North, Bldg. 4403
- March 29 – APG South, Bldg. E4810
- April 14 – APG North, Bldg. 4403
- 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:

- Feb. 25 – APG South, Bldg. E4810
- March 17 – APG North, Bldg. 4403
- April 14 – APG North, Bldg. E4810
- May 19 – APG South, Bldg. 4403
- June 23 – APG South, Bldg. E4810
- July 14 – APG North, Bldg. 4403
- Aug. 17 – APG North, 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](mailto:ernest.w.little.civ@mail.mil).



## Smith to lead PM Manned Aerial Reconnaissance Surveillance Systems

Lt. Col. Sean Smith, right, accepts the charter for Product Manager Manned Aerial Reconnaissance Surveillance Systems (PdM MARSS) from Col. Thomas Gloor, Project Manager Sensors-Aerial Intelligence, during a ceremony at Aberdeen Proving Ground, Jan 29. PdM MARSS is chartered to develop, procure, integrate, field and supply life cycle support for Army Aerial Intelligence, Surveillance, and Reconnaissance sensor payloads.

Photo by Bill Schofield, PEO IEW&S

# Allen leads Employee Assistance Program

Story and photo by  
**YVONNE JOHNSON**  
APG News

The Aberdeen Proving Ground Employee Assistance Program has a new lead who says the community can expect to receive an enhanced level of care and dedication.



Allen

Wayne A. Allen took the reins of the operation, which is administered by the Army Substance Abuse Program, in November 2015.

EAP is a voluntary, confidential program that helps employees work through life challenges that negatively impact their job performance, personal well-being or health. The EAP provides confidential evaluation, counseling assistance and referral services for all Department of the Army civilians, retirees and civilian and military family members.

Its goal is to help identify and clarify concerns, look at all options and develop a plan of action to create solutions that work.

Allen brings with him more than 25 years' experience. He holds a bache-

lor's degree in criminal justice from the University of Baltimore; two masters degrees – one from Central Michigan University in general administration and the other from Coppin State University in alcohol and substance abuse counseling – and is pursuing a doctorate in health care administration with Capella University.

A Baltimore, Maryland native, Allen comes to APG from White River Junction, Vermont where he was an addiction therapist with the Department of Veterans Affairs. Prior to that he was an addiction therapist at the Great Plains Area Youth Treatment Center with the federal Indian Health Service in Mobridge, South Dakota. Allen has also served with an array of private and state-operated facilities, including as an addiction recovery coordinator with the State of Maryland's Thomas B. Finan Center, an inpatient psychiatric hospital in Cumberland, Maryland; as an adjunct professor with Coppin State's Department of Applied Psychology and Rehabilitation Counseling

and with the Harford County Health Department. He is a certified drug and alcohol counselor in Maryland, Pennsylvania, Vermont, New Hampshire, and South Dakota.

A veteran as well, Allen served 10 years active duty and 14 years with the Army Reserve.

**“The APG community can expect the best that I have to offer and all that I have to give.”**

**Wayne A. Allen**

Employee Assistance Program Lead

His previous links to APG are many; he served here as a Soldier and as a contractor, and he played here as a child. He said he visited APG frequently because he had relatives who worked here, including an uncle who was a command sergeant major with the U.S. Army Ordnance Center and School.

“I used to come here and visit and spend my days swimming at Shore Pool,” he said.

Allen will work with EAP coordinator Robin Stokes, who is an ASAP fixture.

He said those experiencing problems on the job, at home or in personal relationships should feel free to share their concerns with him and Stokes.

“We are focused on you,” he said.

“Please contact us by whatever means necessary; call, email or walk in. It doesn't matter how you reach us; just reach us.”

The father of three grown children with their own careers and three grandchildren, Allen said life has been good and his passion is helping make other's lives better.

“I never thought I would have these blessings, with my children carving out their portions of the world,” he said. “And I have to thank the military that laid the foundations for me and gave me the experience.”

He thanked ASAP chief and APG Alcohol Drug Control Officer Timothy Knox for the opportunity to serve the APG community.

“Everyone here has been helpful and Mr. Knox has given me valuable directions and guidance,” he said. When I sit back and reflect, I have to believe the good Lord had a plan for me because I've come full circle. The APG community can expect the best that I have to offer and all that I have to give.”

For more information, or to make an appointment, contact Allen at 410-278-7778 or email wayne.a.allen8.civ@mail.mil; Robin Stokes at 410-278-5319 or email robinstine.stokes.civ@mail.mil or visit the EAP office in ASAP Bldg. 2477 Chesapeake Avenue on APG North (Aberdeen).

# Local students to perform play examining addiction dangers

Harford County

Spotlighting heroin's impact on our community, the Harford County Office of Drug Control Policy will soon present four free performances of the original play “Addicted.”

Written and directed by North Harford High School psychologist Christle Henzel, “Addicted” takes an honest look at the impact of drug and alcohol abuse on individuals, their relationships and family members.

This powerful drama, performed by NHHS students and alumni, will be shown Feb. 25 and 26 at North Harford High School in Pylesville and March 11 and 12 at Mt. Zion Church in Bel Air. All performances will begin at 7 p.m.

“After watching my niece fight for her life for seven years and then losing her at age 24 to heroin, I can tell you this play is absolutely true to life,” said Barbara Ford, school psychologist at Magnolia Middle School. “It captures the feelings of the addict and the family members honestly and deeply. Ms. Henzel has put her heart and soul into this production to save lives. It's a must-see for every high schooler.”

All performances are open to the public; however, parental discretion is advised, as the play's subject matter is geared toward high school students and adults, and may not be appropriate for children under the age of 13. A video trailer for the live performance can be seen by visiting <http://www.harfordcountymd.gov/449/Office-on-Drug-Control-Policy>.

“The play ‘Addicted,’ which exposes the heart-wrenching impact of addiction and overdose, is a potent tool in our efforts to stop local youth from ever trying drugs and alcohol,” said Joe Ryan, administrator of the Office of Drug Control Policy under the administration of Harford County Executive Barry Glassman. “We are grateful for our partnership with Ms. Henzel, the North Harford High School Drama Club, and Harford County Public Schools, whose endeavors have made these performances possible.”

The Office of Drug Control Policy (ODCP), a division of the Harford County Department of Community Services, is Harford County's Lead Prevention Agency. If you or someone you know needs help with addiction, contact the ODCP at 410-638-3333.

## Vanpoolers needed at APG!

APG Commuter Center

There are several existing vanpools looking for riders as well as individuals looking to start vanpools for the following locations:

Commuters only need to be willing to travel to the designated areas to ride the vanpool. For more information, contact the APG Commuter Center POC, Syreeta Gross, at 410-278-5491 or syreeta.a.gross.ctr@mail.mil.

**APG North (Aberdeen) to:**

- ◆ Baltimore, MD (Canton-area)
- ◆ Baltimore County, MD (near I-70 and 695)
- ◆ Elkton, MD
- ◆ Philadelphia, PA

**APG South (Edgewood) to:**

- ◆ Baltimore, MD
- ◆ Delaware
- ◆ Philadelphia, PA



# Maryland not immune to human trafficking

By **YVONNE JOHNSON**  
APG News

While many realize January was Human Trafficking Awareness Month, it's not so commonly realized that Feb. 1 marks the anniversary of the approval of the 13th Amendment which prohibits slavery and involuntary servitude in the United States of America. The slavery of the antebellum era no longer exists in the United States but it has not gone away; it's simply taken other forms.

Human trafficking – be it sex trafficking or labor trafficking – is rampant throughout the nation and the world and is in fact a form of modern-day slavery.

According to the National Human Trafficking Resource Center or, NHTRC, trafficking is a crime that occurs “when a trafficker uses force, fraud or coercion to control another person for the purpose of engaging in commercial sex acts or soliciting labor or services against his/her will.”

Human trafficking is a growing and, for traffickers, lucrative business; but it may finally be getting the attention it deserves from law enforcement and civic organizations that are working to educate the public about this clear and present danger.

According to Michcell Shoultz of the APG SHARP Resource Center, located on the second floor of the Janet M. Barr Soldier Center in Bldg. 4305 at APG North (Aberdeen), education is the key to engaging and combating the epidemic.

“Some people think of it as a problem in developing countries, but it's an increasing issue right here in Harford County, Baltimore and beyond,” Shoultz said. “It's hard to read a newspaper or watch the news and not see a trafficking-related story.”

She said that national statistics estimated 20.9 million victims were being trafficked every year, with 1.5 million in developed economies. The solution lies in a two-pronged effort, she said.

“First is awareness,” she said. “Understanding that this is a growing problem that touches our communities and our families is a major step toward realizing all of us can be a part of the solution.”

There are many resources online, some in our local area, that provide information and tools for combatting human trafficking. The resources can also help you in recognizing the signs of trafficking.

“You will be surprised when you know what the signs are how frequently you spot potential victims,” Shoultz said, adding that one can also gain a deeper understanding of how your consumer choices impact human trafficking.

“Unfortunately, many of our favorite products, like coffee and chocolate, are often produced using child slave labor. One way to shop with confidence is to look for the Fair Trade label on your favorite products,” she said. Fair Trade products are certified to come from farmers and workers who are justly compensated.

The second part of the solution, according to Shoultz, is to take action.

“It's going on right under our noses so if you suspect something is not right or someone may be a victim of trafficking, you should contact the Criminal Investigation Command, known as CID, call 911 or report it to the national trafficking hotline,” she said. “Support the agencies that fight human trafficking. There are lots of anti-trafficking advocacy groups, with some right in our local area.”

Awareness without action does not lead to progress, so whether you volun-



teer, donate, or work to strengthen our laws, every person counts in the fight against modern-day slavery.

## Maryland Task Force

The startling part about trafficking in persons is that most people don't realize it's going on around them all the time or that they've probably been in contact with a trafficking victim.

The Maryland U.S. Attorney's Office works with federal and state agencies and nonprofit organizations, in conjunction with the Maryland's Human Trafficking Task Force (MHTTF), and the Justice Department's Civil Rights Division, to rescue human trafficking victims and prosecute the traffickers. The task force was created in 2007 to “coordinate activities, develop policy and implement strategic plans to combat human trafficking in the State of Maryland.”

According to the MHTTF, 396 survivors of human trafficking were identified and provided assistance in Maryland in 2014.

The task force pursues all leads concerning exploited children and follows a zero-tolerance policy for sex trafficking of children. Members of the MHTTF steering committee include the Maryland State's Attorney's Association and Attorney General's Office; the Governor's Office of Crime Control and Prevention; the Maryland departments of Social Services, Juvenile Services and Public Safety & Correctional Services; as well as the Maryland State Police, Federal Bureau of Investigation, Homeland Security Investigations and local law enforcement and victim service organizations.

Learn more at <http://www.justice.gov/usao-md/human-trafficking> or [www.mdhumantrafficking.org](http://www.mdhumantrafficking.org).

## NHTRC

The National Human Trafficking Resource Center is a national anti-trafficking hotline and resource center serving victims and survivors of

human trafficking and the anti-trafficking community in the United States. Its mission is to provide human trafficking victims and survivors with access to critical support and services to get help and stay safe, and to equip the anti-trafficking community with the tools to effectively combat all forms of human trafficking.

NHTRC offers round-the-clock access to a safe space to report tips, seek services, and ask for help. It also provides innovative anti-trafficking trainings, technical assistance, and capacity building support.

The toll-free hotline at 1-888-373-7888 is available to answer calls from anywhere in the country, 24 hours a day, 7 days a week, every day of the year in more than 200 languages.

**“Awareness without action does not lead to progress, so whether you volunteer, donate, or work to strengthen our laws, every person counts in the fight against modern-day slavery.”**

**Michcell Shoultz**

APG SHARP (Sexual Harassment/Assault Response & Prevention) Resource Center

Along with the toll-free hotline, the NHTRC can be accessed by email at [nhtrc@polarisproject.org](mailto:nhtrc@polarisproject.org), by submitting a tip through the online tip reporting form on the NHTRC portal at [www.traffickingresourcecenter.org](http://www.traffickingresourcecenter.org).

The site contains additional information and training resources about trafficking in general including documented incidents nationwide. Included in the site, for example, is the downloadable American University Washington College of Law report: “Picked Apart: The hidden struggles of migrant worker women in the Maryland Crab Industry,” which provides a behind-the-scenes look at how people from immigrants communities can be at the mercy of major industries, particularly those with hard-to-fill positions.

It also clarifies the differences between sex and labor trafficking:

Sex trafficking is the recruitment, harboring, transportation, provision, or obtaining of a person for the purposes of a commercial sex act, in which the commercial sex act is induced by force, fraud, or coercion, or in which the person induced to perform such an act has not attained 18 years of age, (22 USC § 7102).

Labor trafficking is the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purposes of subjection to involuntary servitude, peonage, debt bondage, or slavery.

Learn more at <http://traffickingresourcecenter.org/>.

## How you can help

The U.S. Department of State website at <http://www.state.gov/j/tip/id/index.htm> offers tips on how to “Identify and Assist a Trafficking Victim,” featuring a list of Human Trafficking Indicators that can alert observers to potential trafficking situations that should be reported:

### Human Trafficking Indicators

- Living with employer
- Poor living conditions
- Multiple people in cramped space
- Inability to speak to individual alone
- Answers appear to be scripted and rehearsed
- Employer is holding identity documents
- Signs of physical abuse
- Submissive or fearful
- Unpaid or paid very little
- Under 18 and in prostitution

The site cautions observers to not attempt to question the victim or draw attention that might place the victim in danger should the trafficker be watching. Even if safe to question the victim, in all instances, the activity should be reported as soon as possible by calling 9-1-1 or the National Human Trafficking Resource Center hotline at 1-888-373-7888.

## Local resources

The primary resource on Aberdeen Proving Ground is the Criminal Investigation Command at 410-278-5262.

Shoultz said that while SHARP is not the primary resource for trafficking information, it links to agencies in the community with overlapping interests. Many of them, such as local churches and community centers, offer outreach and teaching events for the community. For more information, contact Shoultz at 410-278-0137, [michcell.l.shoultz.civ@mail.mil](mailto:michcell.l.shoultz.civ@mail.mil) or call the APG SHARP Resource Center hotline at 410-322-7154.

## Blue Heart Campaign

The Blue Heart Campaign is an international anti-trafficking program started by the United Nations Office on Drugs and Crime. The campaign uses “information and communication technology to educate people about trafficking issues and impact, to engage in dialogue with others concerned about this issue, and to show solidarity with the victims of human trafficking by wearing the Blue Heart. The Blue Heart Campaign uses its website, as well as Facebook, Twitter, YouTube, and Flickr to communicate goals, objectives, and news with the public.”

## Additional resources

- U.S. Army Combating Human Trafficking Program** – <http://www.combat-trafficking.army.mil/training.htm>
- Office of the Inspector General, Department of Defense** – <http://www.dodig.mil/programs/CTIP/index.html>
- Salvation Army** – <http://www.salvationarmyusa.org/usn/combating-human-trafficking>
- Department of Homeland Security** – <http://www.dhs.gov/human-trafficking-laws-regulations>
- Maryland Human Trafficking Task Force** – <http://www.mdhumantrafficking.org>



## Have a great idea for a story?

Know about any interesting upcoming events?

*Wish you saw more of your organization in the paper?*

**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](mailto: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.

# ALL THINGS MARYLAND

## Harriet Tubman Underground Railroad Byway

*Scenic driving tour explores Tubman's road to freeing slaves*

By **RACHEL PONDER**

APG News

If you'd like to learn more about the life of a courageous American icon, visit the Harriet Tubman Underground Railroad Byway, on Maryland's Eastern Shore. Harriet Tubman was the most famous female abolitionist of the mid-1800s.

An African-American female who was born into slavery, Tubman was the most famous conductor of the Underground Railroad. She is credited with leading about 300 slaves to freedom between 1851 and 1860.

The Byway is a self-guided driving tour of more than 30 points of interest in Dorchester and Caroline counties, and in Delaware, where Tubman grew up, worked, worshiped and led others to freedom.

Spanning 125 miles of countryside, the Byway has been named one of the best driving tours by the Federal Highway Administration. It is one of only 31 distinctive "All-American Roads" nationwide, known for its scenic views and historical significance.

Sites along the Byway tell the story of Tubman's bravery as a conductor of the Underground Railroad.

According to the official website, "one needs only to visit the Byway that bears her name to grasp the significance of her humble beginnings and scale of her achievements."

Along the Byway there are places to hike, bike, shop and participate in activities. A good starting point is the Harriet Tubman Museum and Educational Center in Cambridge, which features literature, videos and historical displays about 19th century slavery.

Also in Cambridge is the Bucktown Village Store, the site where Tubman received a near-fatal blow to the head while attempting to help a slave flee from an angry overseer, around 1835. As a result of this incident, she had frequent headaches and excessive tiredness throughout her life.

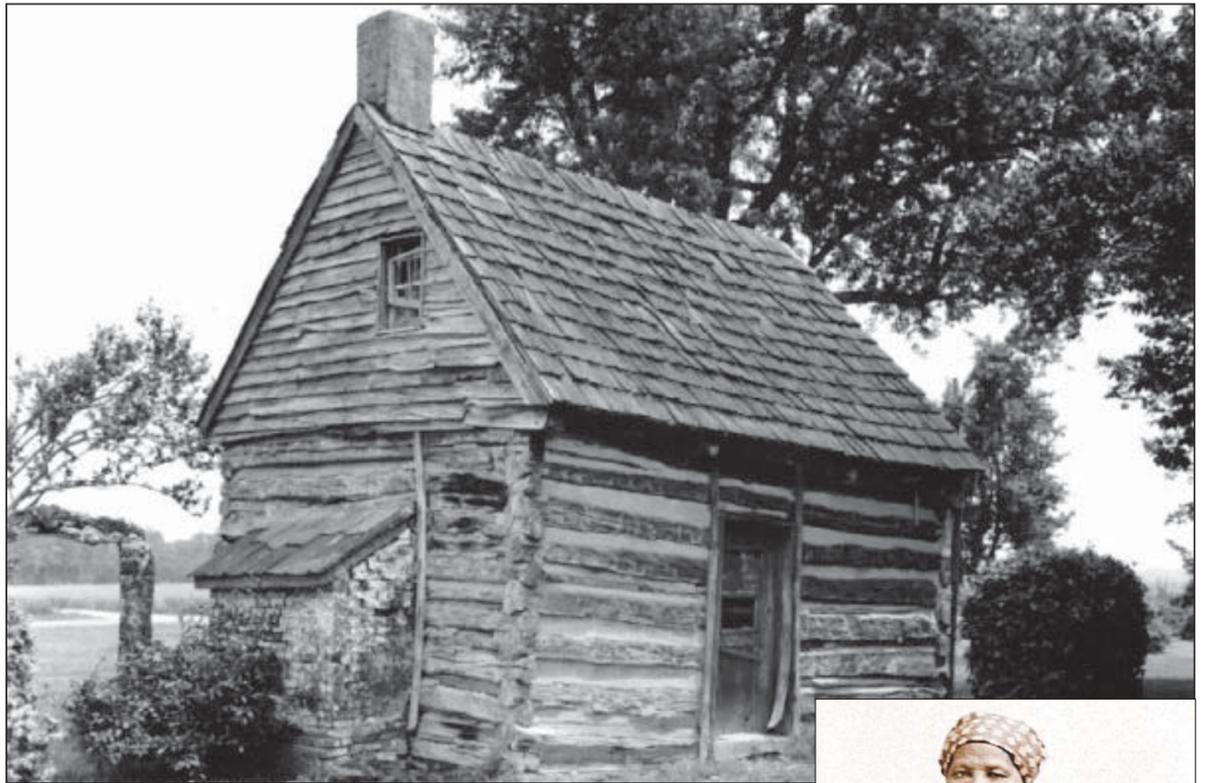
At the Blackwater National Wildlife Refuge near Cambridge, visitors will see an area that has been largely unchanged from the time that Tubman lived and worked in Dorchester County.

Other highlights include the Webb Cabin, in Preston, a log cabin built around 1852 by James H. Webb that illustrates typical housing for most African-Americans at the time. The Tuckahoe Neck Meeting House, located near Denton, was one of five Quaker meetinghouses in Caroline County, where members sustained a local Underground Railroad network.

For more information about the Harriet Tubman Underground Railroad Byway, and to download a free audio guide, visit <http://www.harriettubmanbyway.org/>, or call 410-228-1000.

### About Harriet Tubman

Tubman, is known as "The Moses of Her People," who, according to the Maryland Civil War Centennial Com-



(Clockwise, from top) The Webb Cabin, built in 1852, is a point of interest on the Harriet Tubman Underground Railroad Byway on Maryland's Eastern Shore and represents the kind of housing that sheltered many African-Americans and poor white families during the early and mid-19th century; A photo of Harriet Tubman, circa 1885. The Underground Railroad conductor was born in Dorchester County; The Tuckahoe Neck Meeting House in Denton, Maryland, was built in 1803, and is one of five Quaker meeting houses in Caroline County where members sustained a local Underground Railroad network.

Courtesy photos



mission, escorted about 300 slaves to freedom using a network of antislavery activists and safe houses known as the Underground Railroad.

Born in Dorchester County in around 1822, Tubman, nicknamed "Minty," endured cruelty from various slave masters. Despite these injustices, she developed a strong faith, which guided her through uncertain times.

In September 1849, Tubman escaped to Philadelphia. About her daring decision to escape, she later said, "There was one of two things I had a right to, liberty or death; if I could not have one, I would have the other."

Soon after she successfully escaped, she decided to return to Maryland to rescue

family members who were still trapped by slavery. Later she explained, "I was a stranger in a strange land; and my home after all, was down in Maryland; because my father, my mother, my brothers, my sisters, and friends were there. But I was free and they should be free."

Slowly, she brought relatives to Pennsylvania and eventually led groups of slaves to freedom. After the passage of the Fugitive Slave Act in 1850, which required all escaped slaves to be returned to their masters, Tubman and her passengers had to trek farther north, to Canada. For eight years she served as a conductor of the Underground Railroad and never lost a passenger.

During the Civil War, Tubman served

as a Union cook, nurse, scout and spy. The first woman to lead an armed expedition in the war, she guided the raid at Combahee Ferry, in South Carolina, which liberated more than seven hundred slaves.

After the war, she was active in the women's suffrage movement until her late eighties. In 1913, she was buried with military honors in Fort Hill Cemetery in Auburn, New York.

Sources:

<http://www.pbs.org/>; <http://www.harriettubmanbyway.org/>; <https://www.wikipedia.org/>; <http://www.harriet-tubman.org/>; and "Harriet Tubman: Leading the Way to Freedom" by Laurie Calkhoven, 2008

## COMMENTARY

### Remembering the legacy of a lesser-known civil rights activist

By **MAJ. DENNIS COX**

Our country has evolved so much since the 1960s that it is difficult to envision a time where the right to vote was restricted. More than 50 years later, a woman critical to making the landmark Voting Rights Act of 1965 a reality remains unknown to most.



Maj. Cox

In this election year, I want to recognize Fannie Lou Hamer, whose impact on all of us today, is largely unrealized by many. I became aware of Hamer's contribution to the Civil Rights Movement last year while watching the 2014 PBS documentary "Freedom Summer." I was immediately struck by her story and hope to share the spirit of her contribution to the Civil Rights Movement.

Fannie Lou Hamer grew up in Sunflower County, Mississippi as the youngest of 20 children and began working at age six picking cotton on a plantation as a sharecropper. She married in 1945 and became active in civil rights and self-help

during the 1950s.

In August 1962, Hamer attended a meeting of the Student Nonviolent Coordinating Committee, or SNCC, and became a member of the push to have blacks in the South register to vote. After attending a SNCC meeting in Charleston, South Carolina in June 1963, she was arrested upon her return to Mississippi and brutally beaten by police.

Hamer supported the 1964 Freedom Summer movement started by Northern White College students to help increase black voter registration in Mississippi. At the end of that summer, she helped establish the Mississippi Freedom Democratic Party, which aimed to challenge Mississippi's all-white and anti-civil rights delegation to the Democratic National Convention, or MFDP, which failed to represent all Mississippians.

As vice-chair of the MFDP, Hamer traveled to the Democratic Convention



Courtesy photo by Warren K. Leffler  
**Fannie Lou Hamer speaks at the Democratic National Convention in Atlantic City, New Jersey in August 1964.**

in Atlantic City, New Jersey, to speak to the party's credentials committee. Dr. Martin Luther King Jr. and the widow of a slain Freedom Summer volunteer were among the speakers for the MFDP, but Hamer stole the limelight with her firsthand account of how she was brutalized by the Mississippi Officials when she attempted to organize a voting movement.

In Washington, D.C., President Lyndon B. Johnson was reportedly fearful of the power of Hamer's testimony on live television and called an emergency press conference — successfully diverting much of the press coverage from Hamer's address to the White House. In the end the MFDP decided to reject the credentials committee's comprise of two seats in the Mississippi delegation, as it was viewed as too little.

Even though the MFDP failed to be a legitimate delegation at the 1964 Democratic Convention, the Freedom Summer movement of 1964 and Hamer's contribution directly led to the August

1965 Voter Rights Act signed by President Johnson. This act abolished literacy tests as a means to register voters and also placed voting in seven southern states under federal supervision. Mississippi registered Black voters rose from 6 percent in 1964 to 60 percent in 1965.

Hamer's legacy continues to live on today; Mississippi represents the state with most elected Black officials in the country. Several monuments and a life-size statue keep her memory alive in her home state, and a high school in New York City is named the Fannie Lou Hamer Freedom school.

As a society, we often seem to collectively take the right to vote for granted. Hamer was a driving force to make U.S. reevaluate the right to vote and ultimately expand the vote to all Americans through the Voting Rights Act of 1965.

Hamer's story is a powerful example of how a regular citizen was able to influence change and is testament to the power that we all have in the evolution of civil rights to make things better for all. When I step into a voting booth in November, I will remember Hamer's contribution to the Civil Rights Movement and her efforts to extend the right to vote to every American, regardless of race.



# MORALE, WELFARE & RECREATION

Learn more about APG MWR activities and services by going online at [www.apgmwr.com](http://www.apgmwr.com).

## Upcoming Activities

### LEISURE & TRAVEL

#### TEXAS HOLD'EM CASINO NIGHT FEB 25

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

MWR will host a Casino night including Texas Hold'em, Blackjack, craps, and roulette. Tickets are \$20 until Feb. 18; \$25 Feb. 19-24 and \$30 at the door. There will be a cash bar. Purchase tickets at the APG North or APG South (Edge-wood) recreation centers, or online at [www.apgmwr.com](http://www.apgmwr.com).

For more information, call 410-278-3931.

#### APG 2015 TRAVEL FAIR AND SPRING BAZAAR MARCH 9

10 a.m. - 2 p.m.; APG North (Aberdeen) recreation center ballroom

The Annual Travel Fair is the perfect forum to find out new and interesting destinations to explore. There will be vendor displays and give-a-ways with lots of information to gather on many travel destinations and attractions in the northeast region. Take a stroll through the bazaar area and maybe find a special gift for yourself or an Easter present.

For more information visit MWR Leisure Travel Services at AA Recreation Center, BLDG 3326. For questions call 410-278-4011/4907 or email [usarmy.apg.imcom.list.apgr-usag-mwr-leisure-travel@mail.mil](mailto:usarmy.apg.imcom.list.apgr-usag-mwr-leisure-travel@mail.mil)

#### CLUE - A WHODUNIT MURDER MYSTERY & DINNER THEATER APRIL 28

6 p.m.; APG North (Aberdeen) recreation center ballroom.

Admission: \$10 Active Duty \$15 Civilians (Not for children - contains adult language)

Doors Open at 5:30 p.m., with a cash bar. Dinner Buffet begins at 6 p.m. Show Starts at 7 p.m. and will last approximately two hours. To register or for more information visit MWR Leisure Travel Services at AA Recreation Center, Bldg. 3326.

For questions call 410-278-4011/4907 or email [usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel](mailto:usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel).

### CHILD & YOUTH SERVICES

#### PARENT ADVISORY BOARD MEETING FEB. 17

The next Parent Advisory Board meeting will take place at Bldg. 2503, the CYSS conference room, from 11:30 a.m. to 12:30 p.m. Parents are encouraged to attend if they have a child

currently enrolled in any CYSS program. Any CYSS patron who has a child enrolled in a full time CYSS program will receive 2 Parent Participation Points for their attendance. Patrons are free to bring their own lunch if desired.

For more information, contact Myria Figueroa at [myria.i.figueroa.naf@mail.mil](mailto:myria.i.figueroa.naf@mail.mil) or call 410-278-2572.

#### 'LET'S COOK' YOUTH COOKING CLASSES FEB. 27

MARCH. 26

International cooking class will teach children different skills to prepare foods from different places around the world. The children will learn about sanitation and kitchen safety. They will also be taught different recipes that require little help from their parents. Children will learn to cook up to three dishes including a main dish and a dessert.

Classes are held one Saturday each month. Registration is required along with a \$17 supply fee. Children must be 7-years-old or older.

For more information, email Shirelle Womack at [shirelle.j.womack.naf@mail.mil](mailto:shirelle.j.womack.naf@mail.mil).

#### MISSOULA CHILDREN'S THEATRE: "PETER AND WENDY" OPEN AUDITIONS MARCH 28

4:30-6:30 p.m.; APG North (Aberdeen) Youth Center

SKIESUnlimited will host a week-long tour residency with the Missoula Children's Theatre present "Peter and Wendy." Give your children the opportunity to shine! The week-long camp culminates in a public performance, starring local children, complete with professionally designed scenery and costumes.

Auditions are open to youth ages kindergarten through 12th grade and no preparation is needed. Assistant directors will also be cast to assist with the technical aspects of the production.

The "Peter and Wendy" workshop/camp will run March 28 to April 1, and the children's performance will be April 2 at 1:30 & 3 p.m. For more information, contact SKIES at 410-278-4589.

#### NATIONAL CHERRY BLOSSOM FESTIVAL BUS TRIP APRIL 16

The National Cherry Blossom Festival is an annual two-week event that celebrates springtime in Washington, DC as well as the 1912 gift of 3,000 cherry blossom trees from Mayor of Tokyo to the city of Washington, DC. The gift and annual celebration honor the lasting friendship between the United States and Japan. Over the years, millions have participated in the annual event that

heralds spring in the nation's capital.

The bus will leave the APG North (Aberdeen) recreation center at 7:30 a.m. and return at approximately 7:30 p.m. The cost is \$32 per person.

Reserve your seats today by calling 410-278-4011 or visiting the MWR Leisure Travel Office at the APG North recreation center.

For more information about the festival, visit: [www.nationalcherryblossomfestival.org](http://www.nationalcherryblossomfestival.org)

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

APG MWR will host a free 2K Color Family Fun Run starting at 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://apgmomccolorrun2016.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>.

#### 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.

### SPORTS & RECREATION

#### SUTHERLAND GRILLE CLOSURES FOR SEASON THROUGH APRIL 4, 2016

The Sutherland Grille at Ruggles Golf Course is closed for lunch service for the winter season and reopens April 4. During this time, the grille will be available for meetings and special events.

For more information and the special event menu, call 410-278-4794.

### ARMY COMMUNITY SERVICE

#### APPLYING FOR FEDERAL EMPLOYMENT WORKSHOP FEB. 24

ACS will host an "Applying for Fed-

eral Employment Workshop" at Bldg. 2503 from 10 a.m. to 2 p.m. Attendees will learn the 10 steps to federal employment.

Online registration is required, and the class is limited to 25 attendees.

For more information about how to register, call 410-278-9669.

#### PERSONAL FINANCE FOR WOMEN MARCH 10

11:30 a.m. to 12:30 p.m., ACS Bldg. 2503

Women face some unique personal finance challenges. This class will address how to overcome these challenges and set up ways to make the most of your money. For more information contact Leary Henry [leary.g.henry.civ@mail.mil](mailto:leary.g.henry.civ@mail.mil) 410-278-2453.

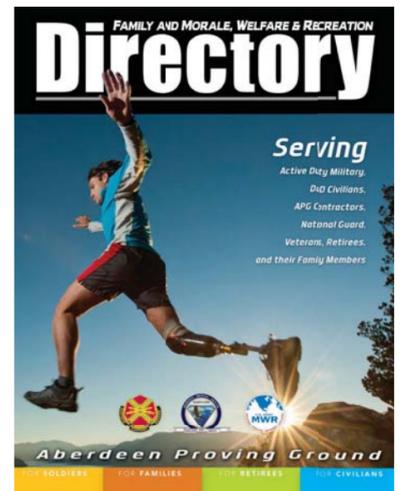
#### HOW TO START YOUR SMALL BUSINESS MARCH 23

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

Army Community Service will host a free "How to Start Your Small Business" seminar.

The orientation program provides a brief overview of the ways to smart-start a business and the skills and duties of a successful entrepreneur. The session is open to Team APG personnel and the public.

To reserve a seat, contact Marilyn Howard at 410-278-9669/7572.



Learn more about APG MWR activities and services by going online at [www.apgmwr.com](http://www.apgmwr.com) and downloading the FMWR Directory.

**Installation Social**

February 16  
4:30 p.m. until ???  
Top of the Bay  
Bldg 30, Plumb Point Loop

Mardi Gras Theme, with refreshments, cash bar, music, recreational games, and door prizes.

For more information contact Michelle Mong at 410-278-5915

**MILITARY SAVES WEEK**

February 22, 23  
11:30 - 12:30

APG North Dickson Hall, Building 3074, APG North and ECBC Conference Center, Building E4810, APG South

Saving and Investing February 22  
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.

Credit score from 0-850 February 23  
That's a lot of power wrapped up in this three-digit number — which is why it's especially important to be as informed as possible about your credit score

For more information contact Leary Henry at [leary.g.henry.civ@mail.mil](mailto:leary.g.henry.civ@mail.mil) 410-278-2453

TAKE THE SAVER PLEDGE

# Teach children not to play with fire

National Fire Protection Association

Children and fire are a deadly combination. Some children play with fire out of curiosity, not realizing its danger. Troubled children may set a fire as a way of acting out their anger, disappointment or frustration.

Children playing with fire cause hundreds of deaths and injuries each year. Preschoolers and kindergartners are most likely to start these fires, typically by playing with matches and lighters, and are most likely to die in them.

- Children experience fire interest. They may ask questions such as how hot is fire or show an interest in fire through playing with fire trucks or cooking on a play stove. This is healthy, and it is time to begin educating about fire.

- Firestarting happens when children begin to experiment with fire using matches and lighters. Many fires happen when young children are left alone, even for a short period of time, and have access to matches and lighters. Parents must have clear rules and consequences about fire misuse.
- Grown-ups can help keep fire out of the hands of children.



Courtesy photo

- Store matches and lighters out of children's reach and sight, up high, preferably in a locked cabinet or container.

- Never leave matches or lighters in a bedroom or any place where children may go without supervision.

- Teach young children and school-age children to tell a grown-up if they

see matches or lighters. Children need to understand that fire is difficult to control, it is fast and can hurt as soon as it touches you.

- A child with an interest in fire can lead to fire starting and result in repeated firesetting behavior.

- It is important for grown-ups to dis-

courage unsupervised fire starts.

- Never use lighters or matches as a source of amusement for children; they may imitate you.

- Never assign a young child any tasks that involve the use of a lighter or matches (lighting candles, bringing a lighter to an adult to light a cigarette or the fireplace, etc.)

- If your child expresses curiosity about fire or has been playing with fire, calmly but firmly explain that matches and lighters are tools for adults only.

- Use only lighters designed with child-resistant features. Remember, child-resistant does not mean child-proof.

If you suspect your child is intentionally setting fires or unusually fascinated with fire, get help. Your local fire department, school, or community counseling agency can put you in touch with trained experts who know how to teach children about fire in an appropriate way.

For more fire safety information, visit [www.nfpa.org/education](http://www.nfpa.org/education).



**National Fire Protection Association**  
The authority on fire, electrical, and building safety

# Managing Outlook mailbox size limits

Army CIO/G-6

In late 2015, the Defense Information Systems Agency, or DISA, began enforcing existing Department of Defense Enterprise Email, or DEE, Service Level Agreement, or SLA, mailbox size limits, to lower costs and improve efficiency and Outlook start-up times.

Each of the Army's more than 1.4 million DEE accounts has a storage limit. Most users fall into the "Basic" class, with a maximum storage limit of 512 megabytes. "Business" class users, with an operational requirement for a larger storage size, have a maximum storage limit of four gigabytes. Previously, those storage limits have not been enforced.

Even without strict enforcement, most Army users have stayed within their maximum allowable email storage. Exceeding storage limits makes for a slow, inefficient and costly email system for both the individual user and the Army as a whole.

"Using email effectively is one way that today's Army personnel can help reduce costs and make communications more agile, from the homefront to the tactical edge," said John Howell, U.S. Army Program Executive Officer Enterprise Information Systems, or PEO EIS, product director, Enterprise Content Collaboration & Messaging.

"Each user has a role to play to

## Managing your Outlook mailbox

Clearing out old, outdated emails is good practice for any user. But, what if you aren't already in the habit? First check the size of your mailbox clicking "File" and looking for a storage indicator bar under the header "Mailbox Cleanup."

Users will see "X MB free of 512 MB" or "X GB free of 4 GB" depending on their allocated mailbox size.

|   |
|---|
| 1. Empty the "Sent," "Junk" and "Deleted Items" folders regularly.  |
| 2. Remove attachments from calendar entries. View items as a list, then sort by size to delete the largest offenders. |
| 3. Filter the inbox by size and clean up the largest items. Remove unneeded attachments.                              |
| 4. Create "PST" files to store unlimited items locally, usually items 6 months or older.                              |

help facilitate state-of-the-art access to email from any location, by being mindful of the limits already in place to reduce costs and launch times."

### Approaching the storage limit

All users at risk of exceeding their allocated mailbox size limits will receive auto-generated warnings when their mailboxes exceed authorized limits. Basic users will receive that warning if their mailbox exceeds 410MB of storage, while business users will receive the warning if their mailbox exceeds 3.7GB of storage.

"The warning emails serve as a heads-up for users, to remind them to clear out extra emails before their mailbox size starts to impact their ability to use the email system," Howell

said. "We have resources and information available to help individuals who aren't sure how to get a handle on their email's storage issues."

If an individual's storage exceeds its allocated limit, users will receive a second warning that their account will no longer be able to send email until the extra emails are cleared out. If the email account continues to grow, the user will receive a third and final warning that the account will lose its ability to receive incoming mail. At that point, anyone sending email to the oversized account will receive a non-delivery notification.

If an individual's email storage exceeds its limit – 512MB for basic users, and 4GB for business users – they will receive a second warning that account will no longer be able to send

email until the extra emails are cleared out. If the email account continues to grow – beyond 700MB for basic users, or 4.6GB for business users – the user will receive the third and final warning that the account will also lose its ability to receive incoming mail.

It is especially important to note that users can still store everything they were storing before, just not in their Outlook inbox. Additional email can be stored in personal folders as .pst files located on local drives or shared drives in accordance with local command policies.

Find tips and strategies for reducing your email's storage overload on the Army Enterprise Service Desk's **Customer Support website at <https://esd-crm.csd.disa.mil/app/home/>**.

# WWI memorial design team shares vision

By **LISA FERDINANDO**

Army News Service

Just a few years out of college, architect-in-training Joseph Weishaar said it is an incredible honor to have been selected to create a national World War I memorial in the nation's capital.

"To have such an opportunity so young is - it's indescribable," the 25-year-old said.

The United States World War One Centennial Commission announced last week it chose Weishaar and collaborating artist and veteran sculptor Sabin Howard as the winning design team for the project.

A 2013 graduate of the Fay Jones School of Architecture at the University of Arkansas, Weishaar said it was the "best feeling ever to get that call" and to be notified of the selection. He said he is still trying to digest the magnitude of creating such a memorial, which is expected to last for generations and to have millions of visitors from all around the world.

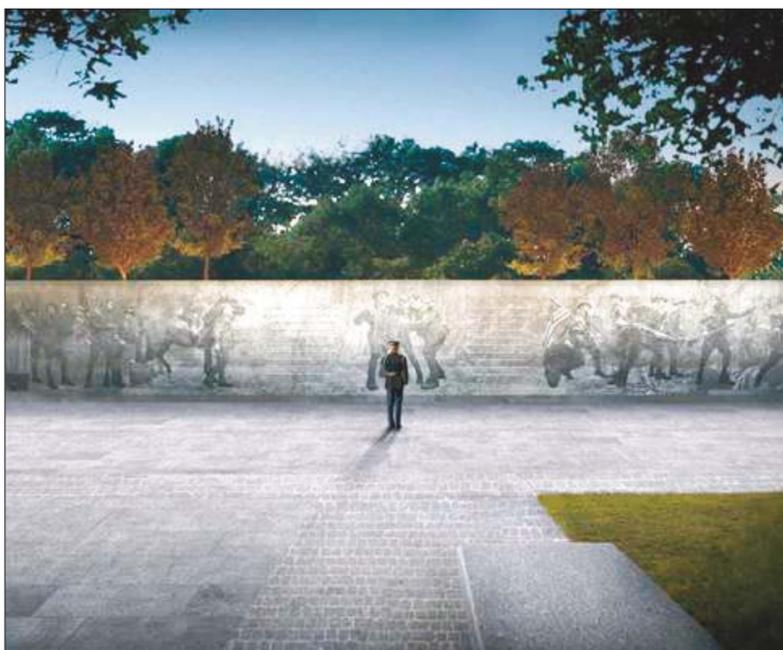
"It's hard to fathom how long this will last and what it will mean to the country," Weishaar said.

The memorial is to be located in Pershing Park, near the White House. The design concept, "The Weight of Sacrifice," includes a raised sculpture honoring those who served, as well as a central lawn area and a wall of remembrance that features quotations and images of service members.

The concept includes the park's existing statue of World War I Army Gen. John J. Pershing, Weishaar said.

### Meant to inspire

The memorial, which will serve as an urban park, is meant to inspire, uplift and help visitors understand the mag-



Courtesy photo

A panel is shown from the design concept of "The Weight of Sacrifice," by Joseph Weishaar and Sabin Howard, the team chosen by the National World War One Centennial Commission to design a national memorial for what was known at the time as "The Great War."

nitude of the war and the service and sacrifice of the men and women who served, Howard said.

"This project is really fascinating to me, because it's making art that is public - it's a whole different arena," Howard said, adding that making something so enduring "gives you a great sense of purpose, and it drives the project forward."

Weishaar and Howard said they envision the memorial as a "space for freedom built upon the great weight of

sacrifice" of the nearly 5 million Americans who served and the more than 116,000 who were killed during World War I.

The art is within reach of the visitor; there is no separation between the art realm and the real world in the design concept, Howard said.

"This memorial that we're doing has far greater context than just being something beautiful or a park," he added. "It really carries a message about potentiality and transformation and what can be

in humanity."

### Concept faces design review

The concept will go through an extensive design review from a number of agencies, including the Commission of Fine Arts, the National Capital Planning Commission, and the National Park Service.

The World War One Centennial Commission, which received more than 350 entries in its open design competition, hopes to begin construction on Veterans Day 2017, with a possible dedication on Veterans Day 2018. The commission is looking to raise \$30 million to \$40 million for the memorial, according to commission officials.

Though there are no surviving veterans of the war, it still is important to have a national memorial in Washington for those who served and did so much for the nation, commission vice chairman Edwin Fountain said.

World War I began in July 1914 with the assassination of Austrian Archduke Franz Ferdinand. It ended with the armistice on Nov. 11, 1918.

## Veterans Corner

Veterans Corner is a new, recurring feature in the APG News. It addresses the topics that matter most to the veterans in our community. For more information about local veterans affairs services, visit [www.maryland.va.gov](http://www.maryland.va.gov). To suggest veteran-related topics for the Veterans Corner series, email [amanda.r.rominiecki.civ@mail.mil](mailto:amanda.r.rominiecki.civ@mail.mil).



## MDNG medics practice immediate care procedures



Photo story by Spc. Brianna Kearney, MDNG 29th Mobile Public Affairs Detachment

(Clockwise from top left)

The 104th Area Support Medical Company, Maryland Army National Guard, and members of the 175th Medical Group, Maryland Air National Guard, conducted immediate care training on human cadavers at the University of Maryland, School of Medicine in Baltimore, on Feb. 6, to become more proficient at treating patients.

A service member inserts a laryngoscope into a subject's throat. Laryngoscopy is a medical procedure used to view the vocal cords and other internal workings of the throat before an artificial airway is inserted to aid breathing.

A service member examines a port after removing it from a cadaver's chest. The use of a port reduces the number of injection sites a patient will need during lengthy medical procedures, such as when receiving chemotherapy. All injected medicines are administered through the port.

Each service member got to hold and examine a cadaver's heart to lessen the shock of dealing with internal anatomy. They also practiced massaging the heart. This "cardiac massage" is another form of resuscitation similar to CPR used to restore and maintain circulation after cardiac arrest.

# Lasting way to show love this Valentine's Day

By **NICOLE DECAMPLI**

*Social Security District, Abingdon*

There are traditional ways to show your love on Valentine's Day: you can buy a card that expresses your true feelings and give it to someone you care about, or there are heart-shaped boxes of assorted chocolates and bouquets of roses.

A powerful and lasting way to express your love is to show that you care about a family member or friend's future. Everyone you love probably wants to enjoy retirement once they decide to stop working. Preparing for that future takes planning and careful thought about when and how you want to do it.

Social Security is a safety net that keeps millions of elderly Americans out of poverty. At [www.socialsecurity.gov/planners/retire](http://www.socialsecurity.gov/planners/retire), there are valuable resources that you can access 24 hours a day from the comfort of your home.

These resources help:

- Keep track of your earnings and verify them every year;
- Get an estimate of your future benefits if you are still working;



- Get a letter with proof of your benefits if you currently receive them; and

**M a n a g e** benefits:

- Change your address;
- Start or change your direct deposit;
- Get a replacement Medicare card;
- Get a replacement SSA-1099 or SSA-1042S for tax season.

Showing your love might also take the form of letting a family member know when a realistic retirement date

might be. Our online Estimator offers an instant and tailored estimate of your future Social Security benefits based on your earnings record. You can plug in different anticipated yearly earnings to discover different retirement options and learn how your benefits could increase if you work longer. Give the Retirement Estimator a try today at [www.socialsecurity.gov/estimator](http://www.socialsecurity.gov/estimator).

As you can see, love comes in many forms. Helping someone prepare for retirement will improve the overall quality of their life for years. Spread the love, and let everyone know that Social Security is available 24 hours a day at [www.socialsecurity.gov](http://www.socialsecurity.gov).

# Altering workouts for cold winter weather

*Military Health System*

People who like to exercise outdoors can become very discouraged during the winter months as freezing temperatures, snow and ice challenge a fitness regimen.

"The main thing you want to remember, if you're going to exercise outdoors, is to stay dry and wear loose layers," said Army Capt. Jon Umlauf, assistant chief of physical therapy at Fort Belvoir Community Hospital in Fort Belvoir, Virginia. "Avoid wearing cotton-blend clothing against your skin, which will trap moisture close to your body. You want to wear something that wicks moisture away from your body. Fabrics that are made using polypropylene, capilene and some synthetic wool blends help to transport moisture away from your body. In addition, wear clothing that's loose and layered, to help trap warm air."

Umlauf also suggests that if you're going to do any kind of high-intensity training in the cold weather, be sure to stretch and warm up properly. "It may be beneficial to warm up indoors before going outside," he said. "This can help ensure the flexibility of your muscles and joints. And before heading out, check the forecast for the time you'll be outside. Temperature, wind and humidity, along with the length of time that you'll be outside, are key considerations in planning a safe cold-weather workout."

The combination of air temperature and wind speed make up the wind

## WINTER RUNNING TIPS

❄ Stay SAFE and WARM while exercising in the cold. ❄

**Layer Up**  
Dress in layers that you can remove as you start to sweat and then put back on as needed. Avoid cotton, which stays wet next to your skin.

**Pay Attention to Weather Conditions**  
Before heading out, check the forecast for the time you'll be outside. Temperature, wind and moisture are key considerations in planning a safe cold-weather workout.

**Drink Plenty of Fluids**  
Drink water or a sports drink before, during, and after your workout, even if you're not really thirsty to avoid dehydration.

**Avoid Frostbite**  
Frostbite is most common on exposed skin such as your nose, ears, hands, and feet. Early warning signs include numbness or a stinging sensation.

Source: [mayoclinic.org](http://mayoclinic.org)

chill index, which is commonly included in winter weather forecasts. Wind chill extremes can make exercising outdoors unsafe even if you dress warmly. The wind can penetrate your clothes and remove the insulating layer of warm air that surrounds your body, and any exposed skin is vulnerable to frostbite.

Thinking about having a cup of coffee before your workout? Umlauf says caffeine consumption before a workout may enhance your performance, but that doesn't mean more is better. "Moderation is always a factor when you

intake anything, and this is no exception," he said.

When it comes to footwear, Umlauf suggests whatever you wear, make sure it provides good traction. "If you're going to go out for a run, you want to have footwear that will prevent slips and falls," he said. "With the likelihood of snow and ice patches, you want shoes that can give you grip and stability. And when you're done, make sure to remove your socks so you can allow your feet to warm up. If you're going to be running in the snow, your

feet are going to get wet, making you susceptible to cold weather injuries, such as frostbite."

Lastly, Umlauf advises that you check with your physician if beginning a new workout routine. You should also eat healthy foods and keep yourself hydrated as part of an overall fitness plan. "Keeping yourself motivated, and maintaining consistency with your efforts, will help you attain your fitness goals," he said. "Staying fit can have a positive impact in your personal and professional life."

# THIS WEEK IN APG HISTORY

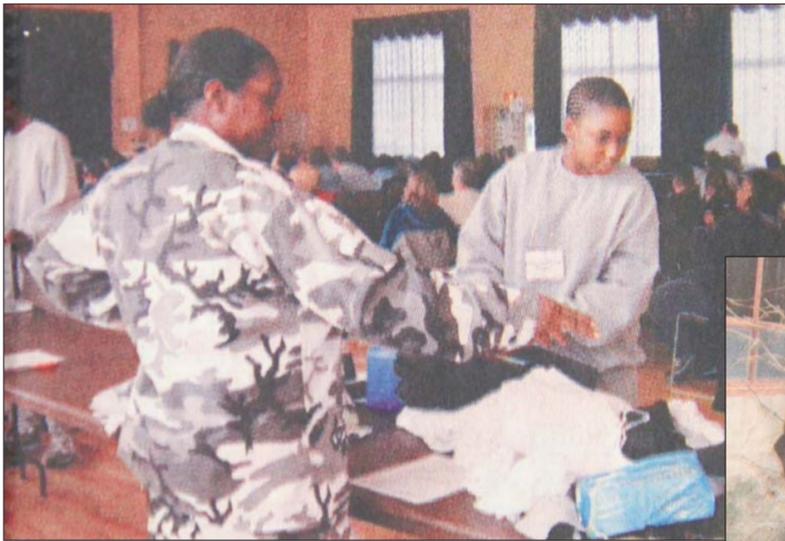


Take a look back in time as the APG News explores what made the headlines around APG during this week 10, 25 and 50 years ago. This week's APG News masthead is from 1970.

By **YVONNE JOHNSON**, APG News

2015  
2010  
2000  
1990  
1980  
1970  
1960  
1950

## 10 Years Ago: Feb. 9, 2006



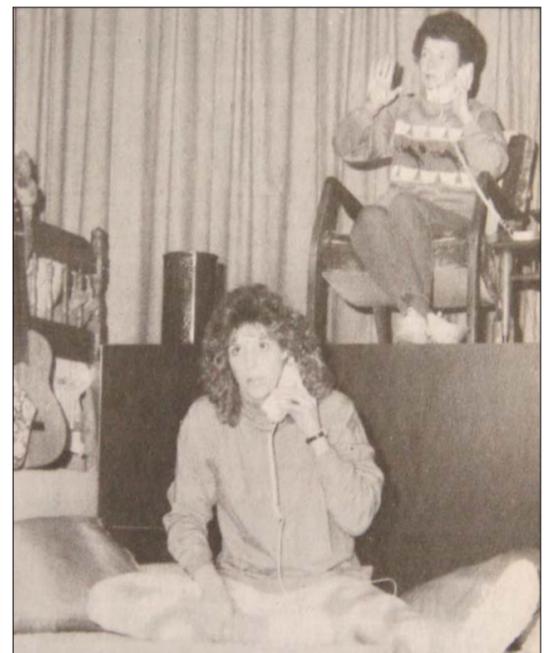
(Left) Cpl. Deleashia Jordan, a Freestate Challenge Academy cadre member, left, directs Cadet Kirteese Bowser of Lutherville at the inventory equipment station during inprocessing for Class #26.



(Right) Pvt. Daryl Zarkevics, left, and Spc. Jerome Blyden admire the coin of excellence awarded to Blyden by Sgt. Maj. Chauncy Alderman of the U.S. Army Ordnance Center and Schools, for saving Zarkevics from nearly choking to death.

## 25 Years Ago: Feb. 13, 1991

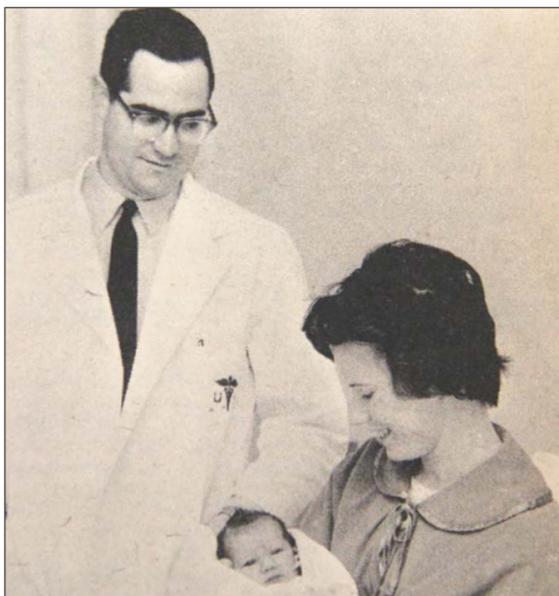
(Below) Kirk U.S. Army Health Clinic personnel, from left, Capt. Frederick Jones, Jan Spellman, Beverly Lennox, Lt. Col. Rodolfo Bautista and Beverly Riggs hang red, white and blue ribbons to honor service members deployed to Operation Desert Storm.



(Above) Angela Davis, bottom, who plays Peggy in the play "Belles," listens as Teresa Myers, top, who plays Dust, takes over the conversation.

## 50 Years Ago: Feb. 10, 1966

(Right) From left, Maj. Marjorie McGirk, 2nd Lt. Marjorie Connor, Maj. Mary Flowell, Maj. Bertha Hoehn, Maj. Helen Jogiello, and Maj. Edna Southern celebrate the 65th anniversary of the Army Nurse Corps.



(Left) "Blizzard Baby" Marcia Louise Margotta snuggles in the arms of her mother, Mrs. Frank A. Margotta, wife of the 523rd Military Police Company commander, who traveled part of the way to Kirk Army Hospital in an Army Weazel (tracked vehicle), as attending physician Capt. David Winchester looks on.

## Double rainbow brings color to APG sky

A double rainbow stretches over Aberdeen Proving Ground on a rainy afternoon in mid-January. Casey Brzozowiec from the U.S. Army Corps of Engineers Buffalo District caught the sight while on TDY to APG.

Courtesy photo by Casey Brzozowiec



# 2016 APG Chapel Easter Services

## Easter Sunrise Service

Sunday, March 27 at 7 a.m.  
 APG North (Aberdeen) Chapel  
 Hot breakfast to follow the service, served by Protestant Men of the Chapel

### APG North (Aberdeen) Chapel

| Catholic Services  |                    |           |
|--------------------|--------------------|-----------|
| Friday, Feb. 12    | Stations/Soup      | 6 p.m.    |
| Sunday, Feb. 14    | 1st Sunday of Lent | 8:45 a.m. |
| Sunday, Feb. 21    | 2nd Sunday of Lent | 8:45 a.m. |
| Friday, Feb. 26    | Stations/Soup      | 6 p.m.    |
| Sunday, Feb. 28    | 3rd Sunday of Lent | 8:45 a.m. |
| Sunday, March 6    | 4th Sunday of Lent | 8:45 a.m. |
| Friday, March 11   | Stations/Soup      | 6 p.m.    |
| Sunday, March 13   | 5th Sunday of Lent | 8:45 a.m. |
| Sunday March 20    | Palm Sunday        | 8:45 a.m. |
| Friday, March 25   | Good Friday        | 4 p.m.    |
| Saturday, March 26 | Easter Vigil       | 7 p.m.    |
| Sunday, March 27   | Easter Sunday      | 8:45 a.m. |

| Protestant Services                   |                 |            |
|---------------------------------------|-----------------|------------|
| All Sunday services at 10:15 a.m.     |                 |            |
| Sunday, March 20                      | Easter Cantata  | 10:15 a.m. |
| Protestant Lenten Bible Study & Lunch |                 |            |
| Wednesdays, Feb. 17 - March 23        | Fellowship hall | Noon       |

| Gospel Services             |                                      |        |
|-----------------------------|--------------------------------------|--------|
| All Sunday services at noon |                                      |        |
| Friday, March 25            | The Seven Last Words of Jesus Christ | 7 p.m. |

### APG South (Edgewood) Chapel

| Catholic Services  |                    |            |
|--------------------|--------------------|------------|
| Sunday, Feb. 14    | 1st Sunday of Lent | 10:45 a.m. |
| Friday, Feb. 19    | Stations/Soup      | 6 p.m.     |
| Sunday, Feb. 21    | 2nd Sunday of Lent | 10:45 a.m. |
| Sunday, Feb. 28    | 3rd Sunday of Lent | 10:45 a.m. |
| Friday, March 4    | Stations/Soup      | 6 p.m.     |
| Sunday, March 6    | 4th Sunday of Lent | 10:45 a.m. |
| Sunday, March 13   | 5th Sunday of Lent | 10:45 a.m. |
| Friday, March 18   | Stations/Soup      | 6 p.m.     |
| Sunday March 20    | Palm Sunday        | 10:45 a.m. |
| Thursday, March 24 | Holy Thursday      | 7 p.m.     |
| Friday, March 25   | Good Friday        | 4 p.m.     |
| Sunday, March 27   | Easter Sunday      | 10:45 a.m. |

| Protestant Services              |  |  |
|----------------------------------|--|--|
| All Sunday services at 9:15 a.m. |  |  |

| Jewish Holy Days   |  |
|--|--|
| Point of contact: Col. Jonas Vogelhut<br>443-619-2304                |  |
| Purim begins Wednesday, March 23<br>Purim ends Thursday, March 24    |  |
| Passover begins Friday, April 22<br>Passover ends Saturday, April 30 |  |

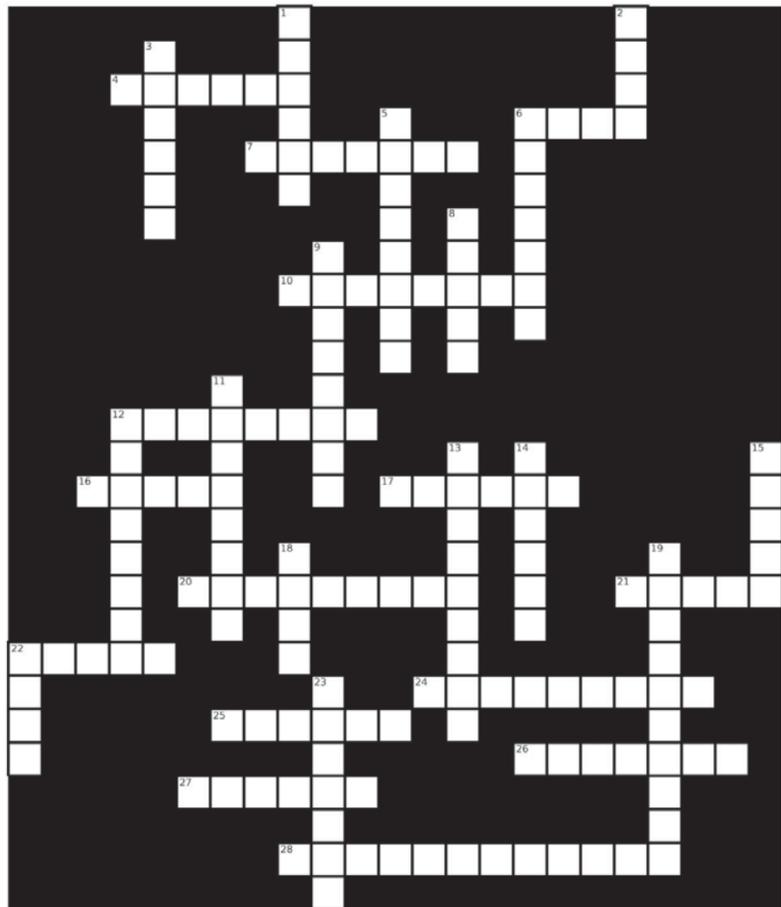
## Stations of the Cross, Soup and Bread

Followed by a study on "The Seven Deadly Sins"  
 Every Friday during Lent.  
 See APG North and APG South chapel schedules for alternating dates and locations.

For more information about upcoming services and special events, contact the APG Main Post Chapel administrative office at 410-278-4333.



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



# The APG Crossword

## Presidents Day

By **RACHEL PONDER**, APG News

Celebrate all U.S. presidents, from President George Washington to President Barack Obama, with this trivia puzzle.

### Across

4. After President Warren G. Harding's death in 1923, the \_\_\_\_\_ Dome Scandal and other instances of corruption during his presidency came to light, damaging his reputation.
6. In 2004, President Bill Clinton released his autobiography "My \_\_\_\_\_," which became a best seller.

7. At age 43, he was the youngest-ever elected president.
10. In 1948, President Harry Truman signed the \_\_\_\_\_ Plan, which gave billions of dollars to help rebuild Western European economies after the end of World War II.
12. In 1983, President Barack Obama graduated from this University with a bachelor's degree in political science.

16. President Zachary Taylor's nickname, "Old \_\_\_\_\_ And Ready."
17. He was the president during the beginning of the Great Depression.
20. During the 1992 presidential campaign, Bill Clinton famously played this instrument on "The Arsenio Hall Show."
21. Number of presidents that have died while in office.
22. With a total of 15 children from two marriages, he fathered more children than any other U.S. president in history.
24. This president served two non-consecutive terms and is counted chronologically as both the 22nd and 24th president.
25. In 2006, President Barack Obama received a Grammy for the audio version of his memoir, "\_\_\_\_\_ From My Father."
26. President Andrew Jackson was nicknamed "Old \_\_\_\_\_" for his strong personality.
27. This composer and lyricist penned the song "I Like Ike" for Dwight Eisenhower's 1952 presidential campaign.
28. Nickname of President Ronald Reagan, "The Great \_\_\_\_\_."

### Down

1. As the first president, President George Washington earned the informal title "\_\_\_\_\_ of His Country."
2. President George W. Bush's alma mater, \_\_\_\_\_ University.
3. Virginian plantation where President George Washington died at age 67, Mount \_\_\_\_\_.
5. In 1854, President Franklin Pierce signed The Kansas-\_\_\_\_\_ Act, which angered antislavery northerners and brought about the emergence of the new Republican Party.
6. This U.S. president proclaimed Thanksgiving an official

- holiday in 1863.
8. The first president to live in the White House.
9. President Martin Van Buren, was nicknamed "Little \_\_\_\_\_."
11. The only president never to marry.
12. The only president sworn in by his father.
13. In 1906, he became the first sitting president to travel outside of the U.S.
14. When he was younger President Jimmy Carter took over his family's \_\_\_\_\_ farm.
15. U.S. president currently on the 50 dollar bill.
18. During his presidency, America's territory grew by more than one-third and extended across the continent for the first time.
19. Named a presidential retreat "Camp David" in honor of his father and grandson, both named David.
22. As U.S. president from 1909 to 1913 and chief justice of the U.S. Supreme Court from 1921 to 1930, he became the only man in history to hold the highest post in both the executive and judicial branches of the U.S. government.
23. The shortest U.S. president, at five feet, four inches.

Think you solved last week's puzzle? Check out the solution below

Solution to the February 4 puzzle



## WORD OF THE WEEK

### Innocuous

Pronounced: ih-NOK-yoo-uh s

Part of Speech: Adjective

#### Definition

- Not harmful or injurious; harmless
- Not likely to irritate or offend; inoffensive; an innocuous remark.
- Not interesting, stimulating, or significant; pallid; insipid:

#### Use

- Though the bite was painful enough, the innocuous nature of the venom negated the need for a trip to the emergency room.
- The seemingly innocuous remark elicited a heated response as she considered it a personal attack.
- He was amused to see that the innocuous question made her blush.
- Faculty members were baffled by the school board's opposition to such an innocuous film.

By **YVONNE JOHNSON**, APG News  
 Source(s): <http://www.oxforddictionaries.com>  
<http://dictionary.reference.com>

## ACRONYM OF THE WEEK

### USPPD

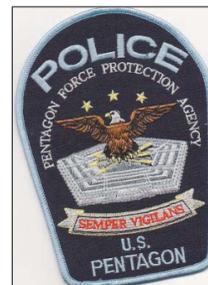
#### United States Pentagon Police

The United States Pentagon Police (USPPD) is the federal police force of the Secretary of Defense. The USPPD is tasked with providing high quality law enforcement and security services, to ensure a safe and orderly work environment for the Department of Defense at the Pentagon.

On October 1, 1987, the GSA Administrator delegated authority for protecting the Pentagon Reservation to the DOD. The USPPD has exclusive jurisdiction within the Pentagon Reservation and concurrent jurisdiction with other law enforcement agencies (federal, state, and local) in an area of approximately 275 acres around the complex. In addition, USPPD officers have jurisdiction at Department of Defense leased property throughout the National Capitol Region, and at the U.S. Military Court of Appeals in Washington DC. They are charged with the protection of various DOD executive officers and possess conditional police authority throughout Arlington County, Virginia.

The Criminal Investigation and Internal Affairs Division investigates criminal acts occurring within the Pentagon and certain other designated DOD buildings - both government owned and leased - within the National Capitol Region.

Other units of the USPPD include the Canine and Police Protective Service directorates.



By **YVONNE JOHNSON**, APG News  
 Source(s): <http://www.pfpa.mil>; <http://www.wikipedia.org>



## 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

# USO marks 75th years of support

By **JIM GARMONE**  
DOD News

Talk about the United Services Organization and people think it's some holding company. But mention USO, and all Americans know it is a way for them to connect with service members.

Retired Army Gen. George W. Casey Jr., the chairman of the USO Board of Governors and former Army chief of staff, estimated that the USO has served more than 35 million Americans throughout its history.

The USO marked its 75th anniversary during a gala in Washington, D.C. Feb. 4. Medal of Honor recipients, USO volunteers, active-duty personnel, veterans, members of Congress, and stars of stage, screen and music gathered to mark a milestone for an organization founded as the United States geared up for World War II.

Dr. Jill Biden, wife of Vice President Joe Biden, called the group a family that stretches around the world. J.D. Crouch, the organization's CEO, thanked the celebrities for joining in the celebration and for entertaining American service members around the world as ambassadors from the American people.

"You light up our service members' lives," Crouch said, "and you remind Americans of the debt of gratitude that we all owe to those who serve."

## Dark time in history

The USO was created during a dark time in history. The United States was not at war, but the rest of the world seemed to be. Adolph Hitler's troops stood on the English Channel and launched nightly air raids against London. In the Pacific, Japan eyed the colonial possessions of France and the Netherlands - two of the countries Germany had conquered in its 1940 blitzkrieg.

In face of such threats, the United States instituted a military draft, calling hundreds of thousands of men to the colors, and Americans wanted to reach out to their young men. President Franklin D. Roosevelt asked charitable organizations to band together to provide morale and recreation services to service members.

Six civilian organizations answered the call: the Salvation Army, the Y, the YWCA, the National Catholic Community Service, the National Travelers Air



(Left) Actor and comedian Bob Hope performs during a USO show on July 17, 1944.

Courtesy photo from the U.S. Army Military History Institute

(Below) Country music superstar Trace Adkins performs for a standing-room-only crowd at Bagram Airfield, April 17, 2015, as part of his USO tour of Afghanistan.

Photo by Kevin Walston, U.S. Forces Afghanistan

Association and the National Jewish Welfare Board. These organizations chartered the USO in New York on Feb. 4, 1941.

Japan attacked the United States on Dec. 7, 1941, and America entered the war. The Army, Navy and Marine Corps grew, with more than 12 million men and women in uniform by 1945. And the USO grew as well; by the war's end, about 1.5 million Americans had volunteered for the USO.

Actor-comedian Bob Hope - a man who would be virtually synonymous with the organization - held the first camp show in 1941, and for the next five decades, he was the face of the organization.

## Changing as America changed

The organization changed just as the American military changed, and it is continuing to change. And wherever the military went, the USO went, too. There were USO centers in Korea, Vietnam, Bosnia, Somalia, Kuwait, Iraq and Afghanistan.

The USO also has centers at most major airports that provide a place for service members and their families to gather their wits as they travel, and the organization helps service members as they transition out of the military.

The USO has grown to the extent that today, just a small portion of its budget goes to entertainment. But that aspect is still there.

## Look by joint chiefs chairman

Marine Corps Gen. Joseph F. Dunford Jr., the chairman of the Joint Chiefs of Staff, led the annual USO Holiday Trip to Naval Air Station Sigonella, Italy;



Camp Lemmonier, Djibouti; Naval Support Activity Manama, Bahrain; Bagram Airfield, Afghanistan; and Ramstein Air Base, Germany, in December. He told the crowd at the anniversary celebration that the trip opened his eyes on what the organization provides the men and women of the U.S. armed forces.

The general said he would talk to the troops after the show and ask how they liked it. "They'd say, 'You know what, sir, for a few minutes, I forgot I was here. I felt like I was home,'" Dunford said. "That's actually why President [Franklin] Roosevelt started the USO."

But it is even more than that, the general said, and it goes to the heart of why the USO is important to America and its fighting forces. The country has asked a

lot from its military since the attacks of 9/11, he noted, and the troops have performed magnificently. "I think it's exceeded any of our expectations, and there's a lot of reasons for that," he said.

One of the reasons the young men and women who have deployed forward have performed so well, the chairman added, is that they "have gone forward knowing that they had the support of the American people."

"And certain organizations deliver that message," he said. "Certain organizations are the physical manifestation of the support of the American people, and I don't know an organization that does it any more than the USO. The USO is actually what delivers that message to them."

# Army needs funds to ensure energy security

By **C. TODD LOPEZ**  
Army News Service

While the Army is making great progress meeting its energy efficiency and renewable energy targets, this is not enough, said Richard Kidd, the deputy assistant secretary of the Army for energy and sustainability.

What the Army needs are funds allocated specifically for energy security to improve the resiliency of installations in the face of growing threats to the energy grid, said Kidd during a presentation on Capitol Hill, Feb. 3.

Gaining energy security for some of the Army's most important installations requires an array of investments, like on-site power generation and micro-grids, where the return on investment is increased security, rather than cost savings.

"Their return for the country is a ... security return," Kidd said. "What the DOD gets paid to do is security."

Kidd was part of a panel of nine military officials from the four military services and DOD who spoke to senate staffers on Capitol Hill about energy-security matters.

The senior Army official told staffers that lawmakers have asked for more energy security on installations, citing both the National Defense Authorization Act and the "Energy Independence and Security Act of 2007" as examples.

"But there is no budgetary mechanism that allows us to actually go out and do a cost-benefit analysis and buy that energy security," Kidd said. "Energy security does not fit into traditional cost-benefit analysis as applied to efficiency projects. We are including energy security as part of ... other projects. It would be very difficult within the current budget climate to get the military construction funding needed to build more resilient installations."

"Congress asks the military to do more for energy security, and all services are doing a great job of incorporating energy security as part of other efforts, such as renewables, or performance contracting or test and evaluation programs," Kidd said. "But very few times are we getting the kind of security that we need to protect against current threats at the scale required to ensure mission success for an entire installation. Our doctrine requires that our installations



Photo by Mass Communication Specialist 2nd Class Jonathan David Chandler  
**Army leaders said reliable, home-grown electricity increases the resiliency of military installations. To serve as reliable launch platforms for military operations, and to support the United States, Army bases must be "resilient" - ready to operate even when civilian-provided power and water have been cut off.**

serve as platforms of power. To ensure this occurs these same installations must also be platforms of resiliency."

In Fort Drum, New York, the Army has installed technologies that help the installation increase its energy efficiency and reduce total power demands. Getting the installation to make more efficient use of its electricity was really the first step in providing energy security for Fort Drum. The second step was to work in concert with a private sector partner to install a bio-mass electrical plant on the installation - converted from a former coal-fired plant - that can provide power to the installation in the event that the civilian power grid goes down. The facility is operated by a civilian partner, not the Army.

When the power goes out around Fort Drum, the Army installation keeps on humming, using the energy generated on site.

In November, Fort Drum demonstrated the ability to take care of itself when engineers there shut the installation off from the civilian power grid to see if it could sustain itself under its own production capability for two days. Fort Drum, Kidd said, was able to carry out its mission without connection to the

wider power grid by "proving the resiliency of the installation."

The Army now wants to do the same thing in Hawaii by connecting Schofield Barracks, Wheeler Army Air Field, and even a local hospital together into one micro-grid powered by on-site generating capacity.

"In that case, we are going to partner with the state and the local utility. The plant is going to be well above the shoreline," he said, adding that away from the threat of tsunamis, and it will be "a platform of resiliency" in the region.

The Army plans to develop a bio-fuel facility in Hawaii, and expects that by the end of the summer the deals will all be signed to make it happen, Kidd said. The plant should be producing power by early 2018.

Like on Fort Drum, the electrical production facility in Hawaii won't be limited to providing power to the Army installation. Instead, it will actually feed electricity back into the civilian power grid, in partnership with the local power company.

"The goal is to have an asset that is valuable to both the Army and the local community and utility," Kidd said. "If generation is built for exclusive Army use, it becomes very expensive and

offers fewer benefits for the broader grid. So Hawaiian Electric gets a generating asset safe from tsunamis that they can use to manage their grid while the Army gets enhanced energy security - a win for all.

It's only when the commercial power goes off locally that the Army's own power plant will shine. While the rest of the island will have to make due with no electricity, the Army installation will be able to continue to conduct its missions: providing security for the nation and providing support for local authorities.

Kidd said that in places like Hawaii or New York, where utility prices are high, the savings generated by energy efficiency projects can be used to make additional investments in energy security projects.

In other places, the savings from energy efficiency are not enough to invest in energy security. So in those places, Kidd said, the Army needs appropriated funds to buy that security.

"Right now, all of our appropriated energy funds have to go through a cost-benefit analysis," he said. "That's how Congress racks and stacks and values our energy investments. But a micro-grid to provide energy security on our installations should be thought of as an investment in military capability. We buy it, not necessarily to use it every day, but to have it in the event of a conflict or emergency. So if you build a micro-grid, it will not necessarily have a positive internal rate of return. What it will offer is military capability to protect our installations."

One place where appropriated funds for energy security could do some real good is on Fort Lewis, Washington, Kidd said.

"At Fort Lewis, Washington, the Army enjoys some of the cheapest power in the country, thanks to hydroelectric dams," Kidd said. "Even if we save 50 percent of power that costs 4-cent per kWh - we can't build a micro grid on 2 cents in savings."

"Fort Lewis ... is where the I Corps headquarters is," said Kidd, noting that it is I Corps that will have to fight in Korea if a situation ever arises there. "We're never going to get energy security at Fort Lewis, Washington, without appropriated dollars."

# Teen relationship habits in spotlight this month

Continued from Page 1

depression, anxiety, drug and alcohol use, and thoughts of suicide. Victims may continue to experience detrimental effects throughout their lives.

"Approximately one in 10 teenagers report being physically or sexually victimized by a dating partner, and too many other victims do not report it," she said. "The cycle of violence can begin with anyone at any time, and as a society, we must acknowledge that we each have a role to play in teaching children about healthy relationships."

Smith added that victims may experience controlling behavior through electronic communication. Their partner might call or text excessively or pressure them to send sexually explicit pictures, called "sexting."

"Violence comes in different forms, and we want teens to know that across the board, it is wrong," Smith said. "We want them to know that there are programs here that can help them if this is happening."

Smith recommends parents have open, honest discussions with their teens about healthy relationships.

"In their formative years, teens are influenced by their early relationships, and the example set by those around them can have lasting consequences," she said.

Kate Poole, a community outreach coordinator with the Harford County Sexual Assault/Spouse Abuse Resource Center (SARC), said teens in an unhealthy relationship might change the way they



dress, become easily distracted, withdrawn or irritable or constantly checking their cell phone. She said the key is to look for a combination of warning signs.

"Especially for teens in their first relationship, they might change the way they dress to impress their new partner," she said. "Really the warning signs is having a combination of more than one sign."

Poole said unhealthy dating behaviors include:

- Constant putdowns
- Extreme jealousy
- Isolating their partner from family and friends
- Explosive temper
- Making false accusations
- Physically inflicting pain or hurt in any way
- Repeatedly pressuring their partner to have sex

▪ Checking their partner's emails, social networks or cell phone without permission.

She added that SARC provides free resources to prevent dating violence and to protect victims. SARC currently offers presentations to community youth groups like the Boy Scouts, Girl Scouts and the Boys & Girls Clubs of Harford County.

"It definitely needs to be talked about more often," Poole said. "When I do presentations in the community, a lot of kids that I talk to have no idea what a healthy relationship looks like, they feel like what they are doing now is healthy, when it is not."

#### Other APG events

APG youth who attended the teen dating violence awareness presentation Feb. 6 received orange lanyards and 1980s-style vented sunglasses – the color of teen dat-

ing violence awareness – and were challenged to spread the word about National Teen Dating Violence Awareness and Prevention Month to their family, friends and teachers by wearing orange to school Feb. 9.

The APG North youth center is currently hosting a "Respect Week," Feb. 8-11, and children will compete in a poster contest, with the theme, "Orange for Love." The posters will be judged by APG Garrison Commander Col. James E. Davis, and the winner will be announced at the end of the month. The winning poster will be on an ACS display at future community events and trainings.

#### Resources for teens and parents

APG victim advocates can be reached 24 hours-a-day, seven days-a-week on the Domestic Violence Hotline, 410-652-6048. SARC's 24-hour helpline is 410-836-8430, and the National Domestic Violence Hotline is 1-800-799-7233.

Teens and young adults as well as concerned family members and friends can talk to trained peer advocates by calling 1-866-331-9474, live chat by visiting [www.loveisrespect.org](http://www.loveisrespect.org), or text "loveis" to 22522.

For more information about Teen Dating Violence Awareness and Prevention Month visit

- <http://www.loveisrespect.org/>
- <http://vetoviolence.cdc.gov/>
- [http://www.cdc.gov/violenceprevention/intimatepartnerviolence/teen\\_dating\\_violence.html](http://www.cdc.gov/violenceprevention/intimatepartnerviolence/teen_dating_violence.html)

# Remediation to address groundwater contamination

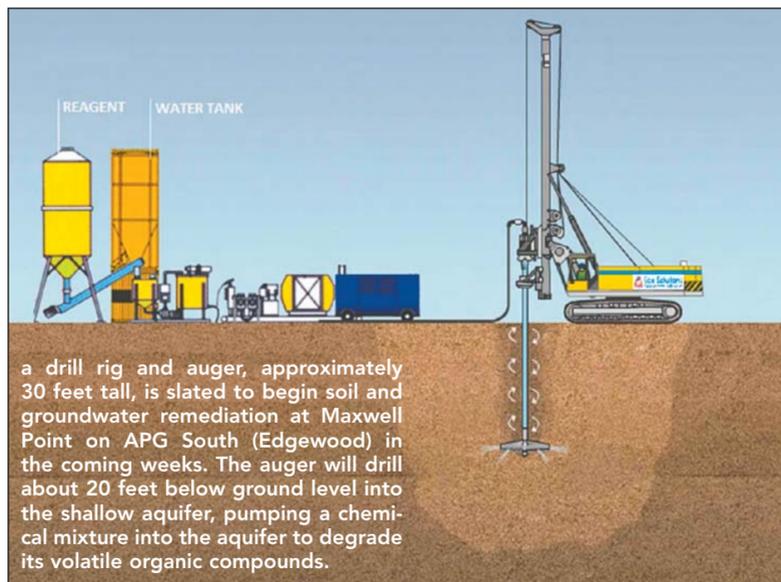
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Schaefer said remediation to the site is necessary because environmental testing detected elevated levels of the volatile organic compound, or VOC, 1,1,2,2-tetrachloroethane, known as TeCA, in Maxwell Point's soil and groundwater. The TeCA at the site was likely caused by pyrotechnic and smoke generator testing and the storage of waste materials at the site from World War II to the Vietnam era.

According to the Environmental Protection Agency (EPA) website, VOCs include a variety of chemicals which can have adverse health effects on humans and ecosystems exposed to them.

Schaefer said VOCs at Maxwell Point are contained within the aquifer, and investigations at the site have indicated no presence of VOCs in the the Gunpowder River. She added that microorganisms living in the river's sediments act like a filter by naturally degrading the organic compounds before they reach the surface water.

"There's been a tremendous amount of sampling that's been done in the Gunpowder River in the last 20 to 25 years as part of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, or CERCLA, program



a drill rig and auger, approximately 30 feet tall, is slated to begin soil and groundwater remediation at Maxwell Point on APG South (Edgewood) in the coming weeks. The auger will drill about 20 feet below ground level into the shallow aquifer, pumping a chemical mixture into the aquifer to degrade its volatile organic compounds.

at APG, and we haven't seen any elevated levels of VOCs in the river's surface waters," Schaefer said.

The remediation, which is expected to be completed within the next seven to eight months, is a two-step process that was approved by the Department of the Army and EPA, and with concurrence by the Maryland Department of the

Environment.

First, an auger will drill about 21 feet past ground level into the shallow aquifer, pumping a chemical mixture into the aquifer to degrade the VOCs.

"I equate the remediation to making a cake," Schaefer said. "It's a big mixing bowl, and you've got a beater (auger) that you put in the mixer and it mixes the

chemical mixture into soil."

After the soil is treated, injection wells, which can reach further than an auger, will be drilled into the base of the aquifer, and a microbe mixture will be pumped through them to clean up the contaminated areas of groundwater.

Schaefer said that once the remediation is completed, samples of the groundwater will be tested for traces of VOCs, including TeCA. Additionally, performance monitoring wells and long-term wells will be used to track the microbes' progress in breaking down VOCs.

"If we see a decrease in the levels of the VOCs in the groundwater, then we know we have success. If we don't then maybe we need to inject another round of microbes into the aquifer," she said.

Schaefer added that the combination of deep soil mixing and injection of microbe technology have never been used before at APG, so she is excited to witness the results.

"A lot of people will be following the project and interesting in seeing the outcome," she said.

For more information about the Maxwell Point remediation project, contact project lead Allison O'Brien at 410-436-3767, or [allison.c.obrien.civ@mail.mil](mailto:allison.c.obrien.civ@mail.mil).



## Did You Know?

**African-American inventor Otis F. Boykin is most remembered for his invention of a wire precision resistor and a control unit for the pacemaker.**



Boykin was born in Dallas, Texas on Aug. 29, 1920. After high school, he attended Fisk University in Nashville, Tennessee. He graduated in 1941 and worked as a laboratory assistant with the Majestic Radio and TV Corporation in Chicago, Illinois for three years, then was hired as a research engineer with the P.J. Nilsen Research Laboratories. He eventually opened his own business and then went on to pursue graduate studies at the Illinois Institute of Technology in Chicago. Though he never finished, Boykin went on to improve electrical resistors. Variations of his models are used around the world today in televisions, computers and radios.

Boykin received a patent for a wire precision resistor on June 16, 1959. This resistor allowed for a specific amounts of current to flow through for a specific purpose and would be used in radios and televisions. Two years later, he created another resistor that was a breakthrough device as it could withstand extreme changes in temperature, tolerate various levels of pressure, and was cheaper and more reliable than others on the market. The chip was in great demand from consumer electronics manufacturers, the U.S. military and electronics giant IBM.

Boykin moved to Paris, France in 1964 and went on to create a variety of electrical resistance components such as thick-film resistors used in computers and variable resistors used in guided missile systems as well as a chemical air filter and a burglarproof cash register.

While his most notable work enabled control functions for the first successful, implantable pacemaker, ironically, Boykin died of heart failure in Chicago in 1982. When he died, he had 26 patents in his name.

*Editor's Note: To honor Black History Month, each week the APG News will profile an African American inventor who contributed significantly to American society.*

By **YVONNE JOHNSON**, APG News  
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<http://lemelson.mit.edu>

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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/>.

## IRON EAGLE CHALLENGES

The APG Performance Triad hosted the installation's second APG Iron Eagle competition at the APG South (Edgewood) Hoyle Gym, Feb. 4, pushing Team APG to their physical limits. Competitors who successfully complete four out of five challenges receive a bronze eagle and those who successfully complete all five challenges receive an iron eagle.

(Clockwise, from right)

- West Point Military Academy Cadet Alexandra Noack performs a push-up as Staff Sgt. Frank Harrison watches intently.
- Staff Sgt. Kirk Johnson eyeballs a sit-up to assure it passes muster.
- A row of athletes complete as many sit-ups as they can before time is up as their competitors wait behind them.
- A table of trophies sits along the sidelines.



Photos by Stacy Smith, APG News



Photos by Molly Blossie, APG News

## THE CALM AFTER THE STORM

Following hundreds of hours of work during Winter Storm Jonas Jan. 22-25, members of the APG South (Edgewood) Directorate of Public Works snow removal team reflected on the team's efforts and celebrated a job well done with a potluck Feb. 4.

(Clockwise, from top) DPW snow removal team personnel pose in front of the salt storage facility on APG South; Tony Hale, acting executive officer to the garrison commander, shakes the hand of DPW employee Joe Holland, thanking him for his work during Winter Storm Jonas; John Fink, DPW deputy director, prepares to give a commander's coin to APG South DPW snow removal team member Greg Harrison on behalf of Garrison Commander Col. James E. Davis. Harrison accepted the single coin on behalf of the entire APG South snow removal team. The team requested to receive just one coin as a symbol of their teamwork, rather than single out individuals. The team plans to have the coin mounted on a plaque, listing the names of all who worked during the storm.