



# APG NEWS

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

www.TeamAPG.com

THURSDAY, JULY 30, 2015

Vol. 59, No. 30

## Summer Blood Drive set for Aug. 6

By **STACY SMITH**  
APG News

Team APG will host an Armed Services Blood Drive 9 a.m. to 1 p.m. at the APG North (Aberdeen) recreation center Aug. 6.

The Armed Services Blood Program, or ASBP, summer blood drive slogan, "Jack into the Blood Grid: Infuse Life" encourages Soldiers, retirees, civilians and anyone with on-post access to donate blood that will be used to help military personnel and their family members domestically and abroad.

"Donating blood that is going to save lives is really important," said Capt. Nicholas Milano, commander of Headquarters and Headquarters Garrison and blood drive organizer. He added that the entire process, from pre-screening to blood collection, takes just 45 minutes.

The ASBP provides quality blood products for service members, veterans and their families during

See **BLOOD**, page 17



Candidates for Class #45 celebrate officially becoming Maryland National Guard Freestate Challenge Academy cadets during a crossover ceremony at the APG South (Edgewood) recreation center July 27. After a two-week acclimation phase, 136 cadets were inducted into the program, which offers at-risk adolescents 16 to 18 years old an opportunity to change their futures for the better.

## Freestate inducts new cadets

Story and photos by **STACY SMITH**  
APG News

The Maryland National Guard Freestate Challenge Academy inducted 136 cadets into Class #45 during a crossover ceremony at the APG South (Edgewood) recreation center July 27.

The Freestate Challenge Academy (FCA) gives Maryland teens who have withdrawn from high school a unique opportunity:

a second chance at an education and a successful future. For 22 weeks, cadets ages 16-18 voluntarily live in the academy's residential program: a structured, disciplined, military-style environment.

During their stay at FCA, cadets are provided with academic, job and life skills training that will prepare them for success after they leave the academy. The five-month residential portion of the program is followed by

a year-long post residential phase.

The crossover ceremony came just two weeks after 168 candidates were in-processed and began the acclimation phase of the FCA program, during which time the teens adjust to their new environment, rigorous schedule and a complete technology and smartphone blackout.

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### online

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flickr.com/photos/usagapg/

ICE system  
http://ice.disa.mil/  
Facebook, http://on.fb.me/HzQlow

## Automated gates coming to APG

By **YVONNE JOHNSON**  
APG News

Entry to Aberdeen Proving Ground is set to undergo a major change. The post is slated to join other installations around the nation that have moved to the Automated Installation Entry (AIE) system as an alternative security entry measure.

According to Sam Seay, the Directorate of Emergency Services' chief of physical security, the AIE is designed to increase security for Soldiers and their families, Department of Defense civilians, retirees, contract personnel and guests of the installation by electronically validating individual identifications based on information supplied during AIE registration.

Seay said the widespread availability of fake military documents makes implementation of the system essential. He said the security personnel at post entry points won't go away; the AIE will serve as an addi-



Aberdeen Proving Ground is scheduled to join numerous other military installations across the nation using Automated Installation Entry as a means to enhance installation security. U.S. Army photo

See **GATE**, page 17



## Don't run barrier traffic signals

The Directorate of Emergency Services is emphasizing the importance of obeying traffic signals at the installation barriers. In a recent incident, a motorist drove through the barrier traffic signal, intending to instead stop at the street intersection signal located just beyond the barrier. Drivers do not have the option of running the barrier signal, according to DES chief of physical security Sam Seay, because this can activate the barrier entry control device.

"Drivers should prepare to stop at the barrier signal when the light turns yellow and to stop in front of the barrier if the light is already red," Seay said.

He said the white line in front of the barrier indicates the safe stopping distance.

For more information, contact Seay at samuel.e.seay.civ@mail.mil.

Photo by Molly Blossie

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# STREET TALK

## What is your favorite service offered on post?

"The RV campground is a favorite. We plan to use it in the future; this is our first visit to the area. We went over there and took a look at it and talked to the folks in the MWR office about making a reservation. They were very accommodating. We're looking forward to it."



**Frank Fucci**  
Retired military

"Clothing Sales (Exchange). Linda takes her time to help all of us out; she runs the clothing sales section. I come to shop for military stuff."



**Sgt. 1st Class Nicole Tamangided**  
CECOM

"The Auto Craft Center. It's just a great service that you can't get anywhere besides on post. If you go off post, you can't rent a bay to do your own work. I like to work on my own cars, so what a great place."



**Robert Batts**  
Public Health Command

"I like the Plum Point running loop. I'm a runner and normally I like trails. Obviously we don't have a lot of trail space here, but you can run with a nice view of the bay."



**Capt. Addison Bohannon**  
ARL

"The PX and the commissary. Those are awesome. [I like] the prices, and they have a pretty good food selection."



**Gretchen Salkowski**  
Family member



## Answering your questions and concerns

**Comment:** Can you do something about the bicyclists on post? One ran a red light the other day and almost caused an accident!

The safety of APG's motorists, bicyclists and pedestrians is of the utmost importance and requires us all to follow posted traffic signals and signs. Bicyclists are required to wear a helmet and either a reflective belt or brightly colored shirt so they are easy for motorists to see. More importantly, bicyclists must also follow all traffic signals, signs and devices – just as if they were driving a car – and ride in the same direction of traffic. They also cannot wear headphones or operate a mobile device while on a bicycle.

It's important to remember that safety is everyone's responsibility. If you notice a bicyclist violating traffic signals and feel comfortable doing so – let them know they're failing to comply with APG's Bicyclist Policy. If you know who they are, report them to their chain of command. You can also report them to the APG Police Department by calling 410-306-2222.

GARRISON COMMAND SGT. MAJ. JEFFREY O. ADAMS

Have a question or concern about life at APG? Submit an ICE comment at [www.teamAPG.com](http://www.teamAPG.com).

# SHARP Toiletries Drive

Through Aug. 15, Team APG will participate in a charitable toiletries drive in support of the Harford County SARC, Inc. Harford County SARC is a non-profit agency which provides a variety of services to the community related to domestic violence, dating violence, sexual violence, and stalking prevention and response.

The APG Sexual Harassment/Assault Response and Prevention (SHARP) drive will focus on providing toiletries and bathroom products for the Harford County SARC safehouse.

**Suggested donation items include:**

- Toothbrushes and toothpaste
- Body/Hand soap and lotions
- Toilet Paper
- Towels & washcloths
- Face wash
- Loofas



- Razors
- Shaving Cream
- Shampoo/Conditioner

Collection bins at APG North (Aberdeen) include: the Exchange; Express; the Bowling Center; Army Community Service lobby, Bldg. 2503; Garrison HHC, Bldg. 305; C4ISR lobbies in Bldgs. 6002, 6006 and 6010; and the Kirk U.S. Army Health Clinic lobby, Bldg. 2501.

Collection bins at APG South (Edgewood) include: JPEO-CBD lobbies, Bldgs. E5101 and E2800; and the CMA lobby, Bldg. E4585.

Other collection areas may be available for select participating units and organizations. All donations made to this drive are strictly voluntary. Contact your unit SHARP, SARC or VA for more information.

## Leave Donations

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.campbell@army.mil](mailto:sue.a.campbell@army.mil).

- Adair, Jennifer
- Alba, Audrey
- Ault, Ashley
- Avato, Jennifer B.
- Boone, Nancy D.
- Budzinski, David
- Clark, Lyra
- Dissek, Michael J.
- Gaddis, Lonnie
- Gardner, DeShawna
- Gilley, Christopher M

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

- Hancock, Kimberly M.
- Ingram, Debra
- Johnson, Douglas W.
- Leonforte, John L.
- Kladitis, Johnathan
- Kuciej, Andrea D.
- Mason, Jeremy L.
- McCauley, Adrienne
- Morrow, Patricia D.
- Perkins, Olga C.
- Royston, James A.
- Solomon, Je'Neane
- Tezak-Reid, Theresa M.
- Tomlinson, Rachel L.

## APG SEVEN DAY FORECAST



# APG NEWS

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or email [yvonne.johnson5.ctr@mail.mil](mailto:yvonne.johnson5.ctr@mail.mil), or contact Reporter Rachel Ponder, 410-278-1149 or email [rachel.e.ponder2.ctr@mail.mil](mailto:rachel.e.ponder2.ctr@mail.mil).

Deadline for copy is Thursday at noon for the following Thursday's paper.

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# Teens learn basics of babysitting

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

Ten APG teens, ages 13 to 18, received babysitting basics and life-saving skills training during the 4-H/Army Child, Youth and School Services Babysitting Course held July 21-23 in Bldg. 2503.

Shirelle Womack, the director of SKIESUnlimited, led the interactive three-day course. Womack gave an overview on nutrition, diaper changing, early childhood development, discipline, safety, allergies, hand washing, and the “business of babysitting,” including what to reasonably charge for services, using the 4-H/CYSS curriculum.

The course included a visit to the Bayside Child Development Center, where teens observed and interacted with infants, toddlers and preschoolers. Additionally, the students were briefed on child abuse prevention by Family Advocacy Program Educator Tristana Harvey, an Army Community Service contractor.

A core component of the course addressed how to handle emergency situations. Assistant Chief of Emergency Medical Services Mike Slayman taught the students life-saving skills such as first aid and CPR, and showed them how to use an automated external defibrillator (AED).

“We emphasize that babysitting is a major responsibility,” Slayman said. “We teach them that babysitters are put in charge of someone that means the most to the parent: their child. Because of that, we want to make sure they [the babysitters] are prepared for any event that may come.”

Womack said several teens expressed interest in taking the babysitting course because they want to watch their younger siblings or babysit for extra money during the summer.

“It is a way to bring teens together and get them involved,” she said.

Hannah Malmel, 16, said she participated in the course to prepare for “worst-case scenarios,” such as children choking or having seizures while in her care.

“I feel more confident about babysitting now,” she said. “I want to do more babysitting in the future.”

Cassandra Williams, 13, said she plans to babysit relatives and family friends.

“I took this class so I would know what to do during an emergency,” she said.

Teens who completed the course received a certificate, a CPR/First Aid card and were placed on the babysitting referral list that is available by request at CYSS Parent Outreach Services.

#### About SKIESUnlimited

The babysitting course is offered free to all CYSS-eligible teens through the SKIESUnlimited program. SKIES stands for Schools of Knowledge, Inspiration, Exploration and Skills. SKIESUnlimited encompasses all CYSS instructional programs for children and youth from infancy to adolescence. APG SKIESUnlimited instructional programs include piano and guitar lessons, Taekwondo, driver’s education and SAT prep.

For more information call 410-278-4589, or e-mail shirelle.j.womack.naf@mail.mil or visit [www.apgmwr.com/child-youth-school-services/skies-unlimited](http://www.apgmwr.com/child-youth-school-services/skies-unlimited). To obtain a copy of the babysitting referral list, contact Parent Outreach Services at 410-278-7479/7571.

**Juli Igartha, 13, practices performing CPR on a mannequin torso during the 4-H/Army Child, Youth and School Services Babysitting Course held July 21-23 in Bldg. 2503. Assistant Chief of Emergency Medical Services Mike Slayman taught the students life-saving skills such as first aid and CPR, and showed them how to use an automated external defibrillator (AED).**



# ICE

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

Click on “ARMY” then “Aberdeen Proving Ground.”



Courtesy photos  
 (Clockwise, from top left) Camryn Anderson, left, an Aberdeen High School student, and Samantha Darney, a Havre de Grace High School student, pose with their RISE program creations; APG Senior Commander Maj. Gen. Bruce T. Crawford congratulates RISE students for completing the program July 17; Alex Delfosse, left, and Kenneth Sumpter, both from Havre de Grace High School, operate robots they created during the RISE program; Aberdeen High School students Sarah Lilley, left, and Atiya Real, right, show off the robots they created while participating in the RISE program.

# Senior Commander praises students who RISE

**CECOM**  
 Aberdeen Proving Ground Senior Commander, Maj. Gen. Bruce T. Crawford, commander of the U.S. Army Communications-Electronics Command (CECOM) congratulated and presented certificates to 24 students from Harford County Public Schools who completed the Real-world Internships in Science & Engineering (RISE) Program during a

July 17 ceremony.  
 “What makes me proudest about being the commander of APG is we touch 20,000 students each and every year over three metropolitan areas,” Crawford said during the ceremony.  
 The APG RISE Program is a partnership between the U.S. Army Communications-Electronics Research, Development and Engineering Center,

or CERDEC, and CECOM.  
 The two-week, in-laboratory, experience was developed for rising eleventh-grade students interested in pursuing science, technology, engineering and mathematics (STEM) fields, who might otherwise lack inroads.  
 Students are selected for the program by their school’s educators and counselors based on aptitude and interest.

Selected students are assigned to working labs where they are mentored by professional Army engineers and scientists as they complete results-oriented, real-world assignments. In addition, students attend a four-part leadership series designed to help them identify and develop the relevant professional skills that, when coupled with technical acumen, will lead them to success.

## BY THE NUMB#RS

# Armed Services Blood Program

Team APG will host an Armed Services Blood Drive (ASBP) Aug. 6. Here are some facts about the military program that serves service members and their families around the world.

**1.5+ million**  
 Units of blood that have been provided to treat battlefield illnesses and injuries since the ASBP inception more than 60 years ago. ASBP also provides blood to military hospitals for scheduled and emergency procedures.

**1.3+ million**  
 Number of service members and family members who receive blood and blood products from the ASBP every year.

**110**  
 Pounds a person must weigh to be eligible to donate blood to the ASBP.

**45**  
 Minutes the ASBP blood donation process typically takes. Donors can save up to three lives with a single donation.

**24**  
 Number of times in one year a person can donate blood platelets to the ASBP. Thousands of patients with life-threatening illnesses are unable to produce platelets on their own.

**7**  
 Percentage of U.S. population that has Type O Negative blood type. This ‘universal donor’ can give blood to anyone. Type O Negative blood is often used in emergency situations when patient’s blood type is unknown.

By **STACY SMITH** APG News  
 Source(s): [www.militaryblood.dod.mil](http://www.militaryblood.dod.mil)

# Network leader keeps Soldiers connected

Story and photo by **AMY WALKER**  
PEO C3T

For the last four years, Col. Edward Swanson, outgoing project manager for Warfighter Information Network-Tactical, known as PM WIN-T, has led the evolution of the Army's tactical network communications program.

From fielding mobile network capabilities, to Enroute Mission Command Capability, to filling urgent operations needs with innovative satellite communications capabilities, Swanson played a pivotal role in making sure Soldiers stay connected.

"The last four years have been the most rewarding of my 28-year career because of the PM WIN-T workforce and our critical mission of providing tactical communications to Soldiers in support of full spectrum operations," Swanson said.

Swanson passed the PM WIN-T charter to incoming project manager, Col. Gregory Coile, during an official change of charter ceremony at Aberdeen Proving Ground, July 20. PM WIN-T is assigned to the Program Executive Office for Command, Control, Communications-Tactical, or PEO C3T.

Swanson will next serve as the chief of staff at Program Executive Office Intelligence Electronics Warfare and Sensors, or PEO IEW&S, also based at APG.

"Ed's reputation as an innovative and strong acquisition leader is well known throughout the APG community and the Army," said Gary Martin, program executive officer for C3T, who hosted the event. "As a direct result of his contributions, our Soldiers are being provided with the advanced tactical network communications they need to be successful in today's ever-changing operational landscape."

Under Swanson's leadership, continued improvements are being made to the fully-fielded WIN-T Increment 1 network, including extensive upgrades that improve network security, interoperability and throughput, while reducing size, weight and power requirements to ensure a more expeditionary force. He helped pull many of today's advanced commercial technologies, such as secure in-flight network communications and mission command capabilities, and Command Post Wi-Fi to the battlefield for the very first time.

His quick reaction to urgent operational needs have benefited Soldiers worldwide, including cross-organizational communications for military and non-government organizations in Operation United Assistance in West Africa.



Col. Edward Swanson, left, outgoing project manager for Warfighter Information Network-Tactical (PM WIN-T), passed the PM WIN-T charter to incoming project manager, Col. Gregory Coile, right, during an official change of charter ceremony at APG, July 20. Gary Martin, program executive officer for Command, Control, Communications-Tactical (PEO C3T), center, presided over the ceremony.

Under Swanson's leadership, the mobile WIN-T Increment 2 network was fielded to Soldiers who deployed to Afghanistan, where they referred to the system as their "digital guardian angel." The network mobility provided by WIN-T Increment 2 was an essential element to the success of their advise and assist mission. Additionally, WIN-T Increment 2 is currently supporting forces in Operation Inherent Resolve. In June the PM received approval to proceed to full rate production and fielding of WIN-T Increment 2.

His management of the Army's tactical satellite communications portfolio helped increase the operational reach and situational awareness of the entire force. With terminals ranging in size from carry-on luggage to a small house, the Army's global network of satellite communications capability provides high-speed, high-capacity connectivity, so Soldiers can communicate across vast distances and in austere locations and terrains, virtually anytime, anywhere.

Swanson's enduring contributions

have efficiently increased critical communications capability for Soldiers worldwide. He has laid the foundation for a network that can support future forces and keep an expeditionary, agile Army prepared for current and future contingencies.

"No matter how difficult the task or how short the timeline, the WIN-T workforce always delivered," Swanson said "It has been a privilege over the past four years to work with a team of professionals whose number one priority was providing the best support possible to the Soldier."

Meanwhile, Coile takes the reins of the PM WIN-T program office after attending the U.S. Army War College.

Coile is not a newcomer to PEO C3T. During the course of his military career, he has served as the assistant product manager for Project Manager Mission Command's Tactical Battle Command and Command Post of the Future; as executive officer to the PEO of C3T; and as a product manager for WIN-T Increment 1 and Satellite Communications within PM WIN-T.

"My family and I feel very blessed to be coming home to PEO C3T and PM WIN-T," Coile said. "I am joining an extraordinary team with a vital mission, and I look forward to building on the tremendous success that PM WIN-T has earned under Col. Swanson's leadership."



**At your service**

## Deanna Newcomer MWR pool operator

By **RACHEL PONDER**  
APG News

Deanna Newcomer is a certified pool operator (CPO) who works at the Olympic Pool on APG North (Aberdeen) and at the Bayside Pool on APG South (Edgewood).

This is her second summer at APG. Her duties include helping to schedule work shifts for 15 lifeguards, ensuring that both pools are fully staffed, and addressing questions or concerns from patrons or staff.

Part of her job involves paying close attention to the weather. She said all patrons must evacuate the pool for at least 30 minutes when thunder or lightning is present.

"The bottom line is that we want everyone to be safe," she said.

As an American Red Cross-certified lifeguard, Newcomer's other duties include supervising patrons in and out of the pool, spotting potential hazards and preventing accidents. Newcomer and the other lifeguards also test the chemicals in the pool every hour to ensure chlorine and pH are at appropriate levels.

Additionally, Newcomer conducts swim lessons for children of all skill levels. She said that swim lessons are important because they help teach children how to have fun in the water while being safe.

"I like seeing the children progress," Newcomer said. "When they visit the pool [with their family], I see them prac-

ticing their swim strokes and diving. I see them take breaks when they are tired; I know they are becoming more responsible while they are in the pool."

Newcomer added that she enjoys working with the MWR lifeguards.

"I love the people I work with, we all work together as a team," she said. "We are all on the same page. Safety is our number one priority."

During the school year, Newcomer works as a lifeguard at the Bel Air Athletic Club.

"Lifeguarding is a great job for college students," she said. "And it is very rewarding."

Newcomer holds an associate degree in sociology from Harford Community College. This fall she will attend the University of Maryland, in College Park where she plans to double major in sociology and criminology and minor in psychology. She said she hopes to one day work for the FBI.

The MWR Outdoor Recreation division operates APG pools. The Olympic Pool is located in Bldg. 3325 Raritan Ave., next to the APG North (Aberdeen) recreation center. The Bayside pool is located in Bldg. E4655, off of Gunpowder Loop. Both pools offer lap swimming and recreational swimming at designated times.

For more information about APG pools, visit <http://www.apgmwr.com/recreation-and-sports/swimming-pools> or contact the Outdoor Recreation Center at 410-278-4124/5789/2135.

[www.facebook.com/APGMd](http://www.facebook.com/APGMd)

# MARK YOUR CALENDAR

## events&town halls

### WEDNESDAY AUGUST 5

#### EMPLOYMENT RESOURCE DAY & EXPO

APG Army Community Service, in partnership with the APG Military Personnel Office/Directorate of Human Resources, the Susquehanna Workforce Network, and Department of Labor Licensing & Regulation, Local Veterans Employment Representative, will offer an Employment Resource Day & Expo 11 a.m. - 2 p.m. at the APG North (Aberdeen) recreation center open to all job seekers in the community.

Attendees should dress in business attire and bring plenty of resumes.

For more information, call the Army Community Service Employment Readiness Program at 410-278-9669/7572.

### THURSDAY AUGUST 6

#### SUMMER BLOOD DRIVE

The Armed Services Blood Program and Aberdeen Proving Ground will host a summer blood drive at the APG North (Aberdeen) recreation center from 9 a.m. to 1 p.m.

### SATURDAY AUGUST 8

#### MILITARY & LOCAL NON-PROFIT APPRECIATION DAY

The Non-Commissioned Officer Association Four States Liberty Chapter 1661 will host a Military & Community Non-Profit Organization Appreciation Day at the Main Street Cigar parking lot in Bel Air from 2 to 7 p.m.

Representatives from local non-profit organizations will provide information about the services available to the community. Participating organizations include: Perry Point VA Medical Center, the Association of the United States Army, the VFW, the SARC, Bel Air Rotary Club and the Center for the Arts.

The event will also include live music, food, drinks, a dunk-tank and a bouncy house for kids.

Main Street Cigar is located at 2225 E Churchville Rd., Bel Air, MD 21015.

For more information, contact NCOA 1661 Vice Chairman Mike Burrell at [michaselburrell24@yahoo.com](mailto:michaselburrell24@yahoo.com).

### TUESDAY SEPTEMBER 1

#### 2ND GARRISON PROFESSIONAL DEVELOPMENT TRAINING SYMPOSIUM

The APG Garrison and the Directorate of Human Resources are proud to announce the 2nd Garrison Professional Development Training Symposium Sept. 1 from 8 a.m. to 4 p.m. at Top of the Bay.

More details are to follow. For more information, contact Celestine Beckett at 410-306-2333 or [celestine.beckett.civ@mail.mil](mailto:celestine.beckett.civ@mail.mil).

## meetings&conferences

### WEDNESDAY AUGUST 19

#### 31ST ANNUAL WOMENS EQUALITY DAY OBSERVANCE

Edgewood Chemical Biological Center (ECBC) and Team APG Federal Women's Program invite the community to attend the 31st annual APG celebration of Women's Equality Day (WED), 9:30 a.m. at the APG North (Aberdeen) recreation center ballroom.

During the observance, APG's Outstanding Woman of the Year, Outstanding Supervisor/Manger of the Year, and Activity Most Supportive of FWP Goals will be recognized. Maj. Gen. Linda Singh, Maryland National Guard Adjutant General, will serve as guest speaker. This year's theme is "Women's Right to Vote"

For more information, contact Elizabeth Young, 410-278-1392, [elizabeth.h.young.civ@mail.mil](mailto:elizabeth.h.young.civ@mail.mil).

## health&resiliency

### FRIDAY JULY 31

#### DENTAL CLINIC CLOSURE

The APG Dental Clinic will open for sick call 7 to 8:30 a.m. and then close for the remainder of the day for Commander's Call. For more information, contact Sgt. 1st Class TaSheva Pouncey, senior dental NCO, at 410-278-1795 or [tasheva.l.pouncey@mail.mil](mailto:tasheva.l.pouncey@mail.mil)

### TUESDAY AUG. 4

#### DE-STRESS INFO SESSION

The C4ISR Center of Excellence will host a De-Stress Info Session featuring Yogilates: Fitness, Health & Joy, 11:30 a.m. to 12:30 p.m. at the Myer Auditorium, Bldg. 6000. This event is open to all members of Team APG. For more information, contact Tiffany Grimes at 443-861-7901,

[tiffany.l.grimes.civ@mail.mil](mailto:tiffany.l.grimes.civ@mail.mil).

### THURSDAY AUG. 27

#### IMMUNE SYSTEM/SLEEP AWARENESS INFO SESSION

A Boost Your Immune System/Sleep Awareness Info Session will be held 11:30 a.m. to 12:30 p.m. in the ACC Training room at Bldg. 6001, room 224 on the C4ISR Center of Excellence Campus. This event is open to APG military, civilians and contractors. Non-C4ISR attendees must pre-register by Aug. 19.

To register, or for more information, contact Tiffany Grimes, G-1, at 443-861-7901, [tiffany.l.grimes.civ@mail.mil](mailto:tiffany.l.grimes.civ@mail.mil).

### FRIDAY SEPTEMBER 4

#### KIRK U.S. ARMY HEALTH CLINIC CLOSURE

Kirk U.S. Army Health Clinic will be closed for a training day from 7:30 a.m. to 4:30 p.m. Friday, Sept. 4.

The clinic will resume normal operations Monday, Sept. 7. For more information, call 410-278-1724.

## ONGOING

#### ARMY WELLNESS CENTER AT APG SOUTH CLINIC

The Army Wellness Center is seeing clients at the APG South (Edgewood) clinic, Bldg. E4110. Clients can have metabolism and body composition assessments and other services without having to drive to APG North (Aberdeen). Service members and their family members, retirees and Army civilians can make an appointment through the APG North AWC, or be referred by their unit or primary health care provider at Kirk U.S. Army Health Clinic. Upcoming APG South AWC dates are:

- Aug 13, 25
- Sep 10, 22

For more information, or to schedule an appointment call 410-306-1024.

## 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:

- August 8
- September 12
- October 10

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

## THROUGH 2015

#### 2015 CPR, AED CLASS SCHEDULE

The APG Directorate of Emergency Services has announced the CPR/AED class schedule for 2015. Classes are open to the entire APG community.

Aug. 19 - APG South Conference Center, Bldg. E4810 - 9 a.m. and 1 p.m.

Sep. 16 - APG North Chapel, Bldg. 2485 - 9 a.m. and 1 p.m.

Oct. 21 - APG South Conference Center, Bldg. E4810 - 9 a.m. and 1 p.m.

Nov. 18 - APG North Chapel, Bldg. 2485 - 9 a.m. and 1 p.m.

Dec 16 - APG South Conference Center, Bldg. E4810 - 9 a.m. and 1 p.m.

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

## family&children

### SATUDAY AUGUST 15

#### SCHOOL SUPPLY GIVEAWAY

Operation Homefront and the Aberdeen VFW Post 10028 ladies auxiliary will host a free Back to School Supply Giveaway to eligible recipients 10 a.m. to 2 p.m. at Post 10028, 821 Old Philadelphia Road (near the Route 715 gate) in Aberdeen.

#### Eligible recipients include:

- Active duty military, E-1 to E-6
- National Guard and Reserves, E-1 to E-6 on Title 10 or Title 32 Orders
- Wounded or Retired of any rank

Pre-registration is required. To register, email [VFWLA10028@gmail.com](mailto:VFWLA10028@gmail.com). A confirmation email will be sent. Print the email and bring it to the event as your receipt.

For more information, contact Martha (Marti) King at 301-943-1132.

## miscellaneous

### THROUGH JULY 31

#### HYDRANT FLUSHING

The annual hydrant flushing at APG runs through July 31, 7 a.m. to 3 p.m. The schedule is tentative and will be followed as closely as possible.

- July 27-31: ARL, restricted areas

For more information, contact government representative, Dennis Overbay at 443-206-8910 or City of Aberdeen representative, Roger Hall at 410-272-1449

## ONGOING

#### HOT WORK PERMIT

The APG Fire and Emergency Services has a new phone number to request a Hot Work Permit. A permit can be obtained by calling 410-306-0001. When is a Hot Work Permit required?

A Hot Work Permit is required before performing electric and gas welding, cutting or soldering operations requiring an open flame device, and for outdoor cooking with a grill, or similar device.

Please give 24 hours notice prior to the work or event. Leave a message if there is no answer. For more information, call 410-306-0001.

## THROUGH 2015

#### MOTORCYCLE SAFETY COURSES

Training schedules have been set for the 2015 Local Hazards Course and Intermediate Driver's Course. Training will be held in Bldg. 4305 Susquehanna Avenue, room 243A. Attendees must register online at AIRS through the [www.TeamAPG.com](http://www.TeamAPG.com) web site at <https://apps.imcom.army.mil/airs/>.

#### Local Hazards Course:

This is a 30-minute course for personnel who are new to APG. It is a mandatory course for all APG service members, family members, DOD civilians, and contractors who are licensed motorcycle drivers. Those on temporary duty (TDY) at APG for more than 30 day also are required to take the course. Additional classes will be added as needed.

**Course time:** 7:30 to 8 a.m. and 8:15 to 8:45 a.m.

**Course dates:** Aug. 13; Sept. 17; Oct. 8; Nov. 12; and Dec. 10.

#### Intermediate Driver's Course:

This two-and-one-half hour course builds on themes introduced during the Introductory Course 1 taken during basic and advanced individual training. This course is mandatory for service members age 26 and younger and may be used to satisfy the remedial defensive driving course. Additional classes will be added as needed.

**Course time:** 9 to 11:30 a.m.

**Course dates:** Aug. 13; Sept. 17; Oct. 8; Nov. 12 and Dec. 10

For more information, contact H. Mike Allen at the Installation Safety Office at 410-306-1081 or [horace.m.allen.civ@mail.mil](mailto:horace.m.allen.civ@mail.mil).

## THROUGH 2015

#### RETIRING SOON? UNCLE SAM WANTS TO THANK YOU!

Are you an APG Soldier or civilian nearing retirement from government service? Consider participating in the monthly Installation Retirement Ceremony.

The APG Garrison hosts the event the last Thursday of each month -except November - and the first Thursday in December, at the Dickson Hall (Ball Conference Center).

All Soldiers and civilians are eligible to participate in the Installation Retirement Ceremony regardless of unit or organization.

This is a program designed to thank retiring personnel for their loyalty and perseverance and for the sacrifices they endured while serving the nation. Retirees are encouraged to participate and to share this day with family members and friends.

For more information, contact Lisa M. Waldon, Garrison Training Operations Officer, at 410-278-4353 or email [lisa.m.waldon.civ@mail.mil](mailto:lisa.m.waldon.civ@mail.mil).

## ONGOING

#### SOUTH DAKOTA VETERANS BONUS

South Dakota is paying a bonus to members of the Armed Forces who were legal residents of the state for no less than six months immediately preceding their period of active duty and who served on active duty during one or more of the following periods:

August 2, 1990 to March 3, 1991 - All active service counts for payment.

March 4, 1991 to December 31, 1992 - Only service in a hostile area qualifying for the Southwest Asia Service Medal counts for payment.

January 1, 1993 to September 10, 2001 - Only service in a hostile area qualifying for any United States campaign or service medal awarded for combat operations against hostile forces counts for payment.

September 11, 2001 to a date to be determined - All active service counts for payment.

Veterans with qualifying service from Aug 2, 1990 to Dec 31, 1992 [Desert Storm] may receive one bonus of up to \$500.00. Veterans with qualifying service after Jan 1, 1993 may receive another bonus of up to \$500.00. Only federal active duty is applicable for bonus purposes. Active Duty for training is not allowed for Bonus purposes.

Applicants living outside of South Dakota may obtain an application by email at [john.fette@state.sd.us](mailto:john.fette@state.sd.us). Include your branch of the military and dates of service. You may request an application and instructions by writing SD Veterans Bonus, 425 E. Capitol, Pierre, SD 57501-5070 or by calling 605-773-7251.

## ONGOING

#### ARMY DISASTER PERSONNEL ACCOUNTABILITY & ASSESSMENT SYSTEM

All Department of the Army personnel must validate their emergency data as well as their family members in the Army Disaster Personnel Accountability & Assessment System (ADPAAS).

Visit <https://adpaas.army.mil> and follow the instructions below to validate/update your personnel data:

1. Select "Soldiers, DA civilians, NAF employees, OCONUS contractors and their family button."
2. Choose one of the three login methods
3. Click the "My Info" tab.
4. Select "Contact Information" to review, add or edit emergency contact information.
5. Select "Family Member Info" to review, add or edit your family member information.

Individuals in a geographic area of natural or man-made disasters will be prompted to complete an assessment survey.

## MORE ONLINE

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

## If you see it, report it

Aggressive driving has no place at APG  
call 410-306-0550



# PM EW changes hands, adds cyber to charter

By **BRANDON POLLACHEK**  
PEO IEW&S PAO

After three years of leading the Project Manager Electronic Warfare (PM EW) team, Col. Joseph Dupont passed the reins of the organization to Col. Marty Hagenston during a Change of Charter ceremony at Aberdeen Proving Ground July 1. Stephen Kreider, Program Executive Officer- Intelligence Electronic Warfare & Sensors, known as PEO IEW&S, hosted the event.

The ceremony serves as another chapter in a month of multiple leadership changes for PM EW. In addition to Dupont leaving, three of the subordinate organizations under PM EW are undergoing changes in leadership.

Product Manager Electronic Warfare Integration's Col. Joyce Stewart departed and was replaced by Lt. Col. Marc Dorner; Product Manager Prophet said farewell to Col. Jonathan Slater and welcomed Lt. Col. Eric Bowen and later this month Product Manager CREW will be renamed to Electronic Attack and welcomes Heidi Pavao as its new product director.

The post Dupont leaves at PM EW is the Army's program management office responsible for supporting the Army, as well as joint, interagency and multinational operations, by providing capabilities that enable full spectrum operations. EW capabilities, when applied across the warfighting functions, provide commanders the capabilities required to address the potential enemy spectrum and cyberspace threats within the joint operational environment.

Systems fielded by PM EW cover the gamut from those designed to protect Soldiers from improvised explosive devices, known as IEDs, to signals intelligence assets that provide commanders and Soldiers in the field with an increased understanding of the environment. Programs that kicked off under Dupont's tenure focus on providing the Army's new crop of electronic warfare Soldiers with a tool to manage the wide range of EW assets that now proliferate the battlefield. Additionally, the role of cyberspace operations has become more paramount during the past few years and is amongst PM EW's core missions.



Photo by Bill Schofield

Col. Joseph Dupont, left, relinquishes the charter for Project Manager Electronic Warfare & Cyber to Col. Marty Hagenston, right, during a ceremony hosted by Stephen Kreider, center, Program Executive Officer - Intelligence, Electronic Warfare & Sensors.

Amongst the numerous successes the PM EW team accomplished under Dupont's leadership was the settling in of the overall PM team, which at the time of his assuming command had only been at APG for less than a year following the base realignment and closure (BRAC) move from Fort Monmouth, New Jersey.

"There were just a lot of things that weren't established, things weren't well oiled," Dupont said, regarding the state of the organization in 2012. "We have really planted roots here at APG, and that is what it boils down to as we are fixed and I can honestly say that was one of the biggest challenges, but we have definitely overcome that."

Project Manager EWI and its associated programs serve as another major success that came to fruition in the last

few years under PM EW.

"We stood up the PM EWI office, lost the money, awarded an Electronic Warfare Planning and Management Tool (EWPMT) contract, were protested three times while at the same time we are getting this mission for Radio Frequency Interference mitigation for the same office," Dupont said.

"It is impressive they made it through it all and we are now on track with the revised schedule and just recently got requirements for the EWPMT Capability Drop 2 that has gone through the Army and been approved."

EWPMT is a battle management capability that will support the electronic warfare officer in collaborating and sharing information to decide upon different courses of action across G2/3/6 staffs to provide situational awareness

for the brigade combat team commander. It brings 29 Series Soldiers into the virtual command post computing environment and decreases reliance on non-integrated tools like PowerPoint and Excel spreadsheets that previously had been used to deconflict and manage a congested spectrum.

Over the course of the past three years PM EW was heavily involved in providing various quick reaction capabilities (QRC) to fulfill critical current needs in Afghanistan and Iraq.

The Thor III and Baldr systems, which are designed to serve as dismounted CREW (counter radio electronic warfare) devices, were fielded as QRCs, and due to their effectiveness, the Army ultimately decided to retain the two systems as formal programs of record.

PM EW also introduced the Ground Auto Targeting Observation Reactive Jammer, a system built by the Intelligence, Information Warfare Directorate and then fielded to Afghanistan, which is another asset the Army decided to transition into a program of record to serve as a fixed site offensive electronic attack system. PM EW redesigned the fielded GATOR V2 to V3 to improve its reliability, availability, and maintainability as an enduring solution.

As he departed from PM EW, Dupont reflected on the work completed and the road ahead.

"It's always about people," he said. "We have been successful because of the great team of experts dedicated to their jobs and serving their country. A change of leadership only represents a singular change, the team lives on and so will the success of the organization."

Dupont's next assignment will be to serve as the Cyber Acquisition Task Force Trail Boss, which will entail working closely with members of multiple project manager offices to include EW.

Hagenston inherits the organization as the word 'cyber' is added to the PM charter, making it PM EW & Cyber. This assignment will serve as a homecoming of sorts for Hagenston who previously served as the Product Manager for Information Warfare (the fourth subordinate product manager under PM EW).

## PD PNT becomes direct reporting program manager

PM PNT

The Product Director, Positioning, Navigation & Timing (PD PNT) has been provisionally established as a Direct Reporting Program Manager (PM) PNT to the Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT)) within the System of Systems Engineering & Integration Directorate.

With this establishment, Kevin M. Coggins will serve as program manager and Michael Trzeciak as deputy program manager of PM PNT.

PNT is a critical dependency to Army capabilities with technologies that cut across all of the portfolios within ASA(ALT). The provisional establishment of PM PNT will allow the organization to address broader projects and PNT initiatives, and plan for the major changes that are expected to occur over the next decade, including transitioning from legacy Global Positioning Systems capabilities to military GPS user equipment and assured PNT capabilities.

The new structure will ensure a focused, coordinated effort that will give the Army and other DOD services the ability to outpace threats and increase efficiencies in PNT



implementation.

During its provisional establishment, PM PNT will continue to address critical issues and initiatives for PNT capabilities across ASA(ALT) portfolios. It will work with the Program Executive Offices and Program Managers to enable an enterprise approach to PNT, ensuring U.S. Soldiers have access to assured PNT when they need it.

Coggins, a U.S. Army civilian in the Army Acquisition Corps, was appointed to the Senior Executive Service, June 16, as Program Manager PM PNT.

Heidi Shyu, the Army Acquisition Executive, presided over the ceremony and administered the oath of office.

"Today we welcome a new member to the ranks of Army Senior Executive,

the latest and newest, Kevin Coggins," Shyu said at the appointment ceremony. "With this term appointment, Kevin Coggins becomes our new Program Manager for Positioning, Navigation, and Timing, or PNT, which is a critically important area for the members of our armed forces [who are] conducting operations worldwide."

As program manager for PNT, Coggins will continue his responsibility for the development, acquisition, fielding and life cycle support of the Army's portfolio of PNT programs – capabilities that provide the Soldier with the ability to access accurate and trusted time and position information. To effectively and efficiently manage the Army's PNT equities within the Army and across the DOD, Coggins

will report directly to ASA(ALT) and plan and manage PM PNT programs consistent with the policies and procedures issued by the Army Acquisition Executive.

Coggins has spent five years dedicated to PNT capabilities and technology implementation. Prior to his appointment to program manager, Coggins served as deputy product director and later product director for PNT. He also served as the project lead for the Assured PNT Cross-Cutting Capability to the Army's Common Operating Environment. His efforts have ensured that the Army achieves the ability to outpace the PNT threat, by increasing efficiencies in PNT operations and leading the way for major changes in PNT across the Army.

Coggins is a native of Pensacola, Florida, and is a veteran of the U.S. Marine Corps where he served as a Force Reconnaissance Team Leader. He holds a Bachelor of Science degree in electrical engineering from the University of Florida, with studies and research focused in the fields of computational neuroscience, signal processing and sensors. He also attended Pensacola State College, where he studied pre-engineering.

## ARL to ink educational agreement with local partners

U.S. Army Research Laboratory

Representatives from the U.S. Army Research Laboratory, University Center, Northeastern Maryland University Research Park, Northeastern Maryland Technology Council and Susquehanna Workforce Network will sign an Educational Partnership agreement to begin a multi-organizational collaborative network Friday, July 31 at the University Center, formerly known as the HEAT Center, in Aberdeen.

The partnership will provide businesses, students, professors, scientists and researchers access to an array of resources and research personnel who have worked on and developed complex defense-centered situations and tasks in science and technology.

The agreement will be signed by ARL Director Dr. Thomas Russell; UC Executive Director Nancy Spence; NEMD-URP President Danny DeMarinis; NMTC Executive Director John Casner; SWN Executive Director Bruce England; and Harford County Economic



Development Advisory Board Chairperson Eric McLauchlin.

"This new partnership is critically important for ARL and our new partners, because it solidifies our mutual commitment to advance scientific discovery and innovation for both the Army and the nation for decades to come," Russell said. "Our new partners fully understand and appreciate the importance of maintaining our technological edge while providing unprecedented opportunities for students and others to explore STEM

related objectives alongside us."

The five-year partnership between the consortium includes facilitating and supporting the development of ARL's Open Campus business model:

- facilitating and supporting information exchange between the parties on key academic research issues and needs;
- facilitating and supporting discussions between research institutions, the Maryland Higher Education Commission, and other key stakeholders, for the purpose of driving and enhancing studies in science, technology, engineering and

mathematics (STEM) disciplines;

- supporting the development and expansion of STEM centered courses, collegiate majors, and technical careers; and

- leveraging pre-existing collaborative regional efforts in support of STEM educational goals benefiting students, government, industry and nonprofit organizations.

ARL's Open Campus model was first piloted in Adelphi, Maryland.

ARL is scheduled to host an Open Campus open house at Aberdeen Proving Ground Nov. 3-4. The two-day event will feature a variety of scheduled presentations, tours and opportunities to meet with the Army's leading researchers. Event attendees will meet with top industry and academic innovators, such as: academic vice-provosts for research; deans; professors; tech industry leaders and managers; tech industry businesses; business developers; and government technical research laboratory staff and management.

# JLENS Soldier thrives under pressure

By **AMANDA ROMINIECKI**  
APG News

While most of her peers are trying to get a grasp on what they want out of life, 22-year-old Pfc. Briar Roseboom is responsible for launching and recovering a multi-million-dollar defense project that quietly floats above the Baltimore County skyline.

Becoming an operator for the Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System, commonly known as JLENS, was not what Roseboom anticipated when she joined the Army. Working with her recruiter, Roseboom settled on becoming a “14-Tango” or a Patriot Launching Station Enhanced Operator and Maintainer. But the Army had different plans for her.

By the time she completed Advanced Individual Training, Roseboom – along with a group of other young Soldiers – was selected to join the Alpha Battery, 3rd Air Defense Artillery Regiment, which relocated to APG in 2014, to operate two JLENS aerostats.

“I fly the giant aerostat,” she said. “I control the winches and make sure when we launch and recover it, it doesn’t crash to the ground, or a big gust of wind doesn’t get a hold of it. I have to make sure it comes down level and on point so nothing gets damaged.”

While born in Maryland and having spent a few years of her life in Pennsylvania, she considers herself a native of upstate New York – a small town called Schenevus, just “20 minutes up the mountain” from Cooperstown, known to many as the home of the National Baseball Hall of Fame & Museum.

One of a handful of winch-cab operators for the JLENS project, Roseboom comes from a military family. Both of her parents, as well as two grandparents, served in the U.S. Navy.

“I always wanted to join the military, ever since I was a little kid,” she said. “I saw everyone in their uniforms and thought it was the coolest thing. As I got older, I wanted to help people and help make other people better. I figured the best way I could do that, impact the most people and travel, would be the Army.”

Not one to be daunted by the pressures of her job – with Congress and the public closely watching and questioning the JLENS project – Roseboom thrives as an operator.



APG Senior Commander Maj. Gen. Bruce T. Crawford, left, watches as Pfc. Briar Roseboom, Alpha Battery, 3rd Air Defense Artillery Regiment, operates the winch-cab of the Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System, commonly known as JLENS, during a tour of the JLENS site in June 2015. CECOM photo

“It is a big responsibility, but that’s my favorite part of my job,” she said. “I want to take on responsibility and I know I can handle it. I want to expand

pressure on the group of young Soldiers, but they jumped right in, ready to take on whatever was asked of them.

“We all take our job very seriously.”

“I want to help people better their lives. If they’re in a tough spot, I want to be able to show them a way to get out and help themselves. I figure if you help enough people, they’ll want to help others too – pay it forward.”

**Pfc. Briar Roseboom**  
JLENS operator

Roseboom describes herself as “respectful,” of herself and of others.

“Respect is the most important thing to me,” she said. “If you don’t have respect for others and for yourself, how are you going to accomplish anything? And it is a big thing in the Army.”

Roseboom highlights the maturity of her fellow battle buddies when talking about the 3rd ADA.

“The Soldiers in our unit are very dedicated to the JLENS project,” she said, adding that the project puts a lot of

She said the unit is looking forward to the launching of the second JLENS aerostat in the coming weeks.

“Once the second one is up and running, it will be a complete, functioning system. We’ll be able to protect the capital region, which is our only mission.”

When not operating the JLENS aerostat, Roseboom said she enjoys the outdoors – whether fishing, swimming or hiking. She has been exploring local state parks

during down time. With her family, she has been camping, hiking and hang gliding at countless locations in Pennsylvania and New York, and

she said she wants to try sky diving.

“I’m always up for that adrenaline rush.”

Common to many young adults, Roseboom is struck with wanderlust. Her eagerness to travel and experience different cultures influenced her decision to join the military.

That same wanderlust is fueled by her desire to help others.

“I want to experience different cultures and societies,” she said, citing the importance of understanding differing perspectives when approaching a problem and trying to help someone in need.

“I want to help people better their lives. If they’re in a tough spot, I want to be able to show them a way to get out and help themselves. I figure if you help enough people, they’ll want to help others too – pay it forward.”

Looking to the future, Roseboom said she plans to make the Army a career. Eager to give back to the Army that has helped shape her young adulthood, she said she’d like to pursue a degree in psychology and perhaps take a path into the Army’s Criminal Investigation Command, known as CID.

“I want to get to be a sergeant so I can take care of Soldiers and teach them how to progress and be better Soldiers and better people,” she said.

“All I want to do is help people. That’s all I’ve ever wanted to do.”

# HIRED! program gives teens work experience

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

Twenty-seven teens, ages 15 to 18, received hands-on work experience through HIRED! an apprenticeship program offered through Child, Youth & School Services.

The teens were placed at Family and Morale, Welfare and Recreation sites like the youth centers, child development centers and fitness centers on APG North (Aberdeen) and APG South (Edgewood). Additionally, a few teens were placed at MWR Outdoor Recreation and CYSS. HIRED! apprentices work under the guidance of a mentor who assigns them duties based on their age and skill level.

During the summer, HIRED! teens work a minimum of 180 volunteer hours. This includes required career-prep enrichment workshops like resume writing, interview techniques, dressing for success and workplace etiquette; all meant to better equip them with the skills needed to compete in a highly-competitive job market.

“They do it for the work experience; it is a good thing to put on their resume,” said Shirelle Womack, acting CYSS Workforce Preparation Specialist who also directs SKIESUnlimited. “Some high schools require volunteer hours, so they can use their time in the HIRED! program towards their volunteer hours.”

Womack added that most apprentices work at least two days a week, eight hours a day.

“When they get to college they might have two jobs in addition to their classes,” Womack said. “The HIRED! program teaches them time management skills.”

The HIRED! apprentices also had the option to attend two workshops on personal financial management hosted by Army Community Service and the Aberdeen Proving Ground Federal Credit Union.

## Marc Vogelhut

Marc Vogelhut, 16, works at the Bayside Child Development Center, in the 3-to 4-year-old classroom. This is the second year he has worked at the CDC through HIRED! Vogelhut said he



Raven Marshall, 16, slices cucumber in the APG North (Aberdeen) youth center kitchen. An apprentice through the HIRED! program offered by Child, Youth & School Services, Marshall helps prepare breakfast and lunch meals for the summer camp program on APG.

choose the CDC because he enjoys working with young children.

“I think my experience with children will help me when I have a family of my own,” he said. “It is great work experience. It is hard to find any job when you are a teenager.”

Vogelhut, is entering his junior year at Edgewood High School and is enrolled in the International Baccalaureate Diploma Program. He said he is considering a



**Vogelhut**

career in business or medicine.

“I would definitely recommend this program to others, its great experience and the work is fun,” he said. “It is something to do over the summer, something different.”

Vogelhut’s brothers, Jeremiah and Samuel are also currently enrolled in HIRED!

## Raven Marshall

Raven Marshall, 16, works in the APG North (Aberdeen) youth center kitchen. She helps prepare the daily breakfast and lunch meals for the summer camp program.

“I wanted to try something differ-

ent,” she said. “I like prepping and preparing food.”

Marshall, a sophomore at Aberdeen High School, said she likes to stay busy in the summer. She also works part-time at Ripken Stadium, cooking food for customers.

Marshall said she has enjoyed working with the youth center staff members.



**Marshall**



# ALL THINGS MARYLAND

## The Enchanted Forest

*Preserved memories of a storybook amusement park*

By **STACY SMITH**  
APG News

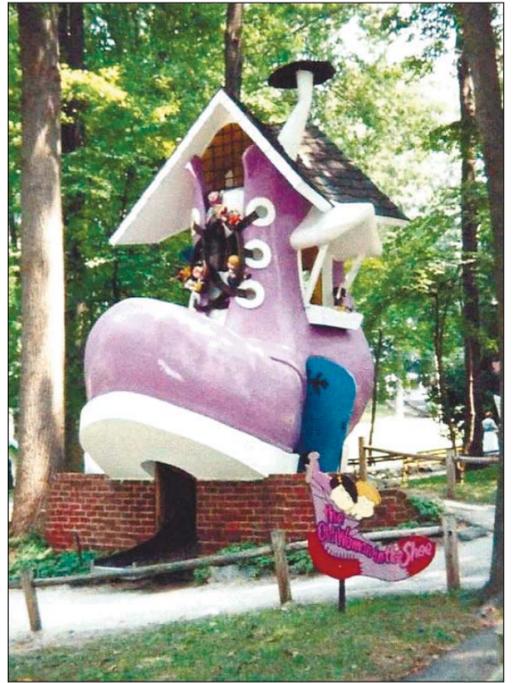
By the time The Enchanted Forest theme park opened in Maryland in August 1955, World War II Soldiers had started families and were looking for new ways to enjoy life's pleasures with their baby-boomer children. Americans were buying their first cars and televisions— inventions that whet their appetite for new experiences. Local business owner Howard Harrison capitalized on this emerging market, but he wasn't the only one to do so. Disneyland had opened just a month before and, like The Enchanted Forest, it appealed to families with young children.

According to authors Janet Kusterer and Martha Anne Clark who wrote a book detailing The Enchanted Forest history, Harrison was the owner of a popular motel on Route 40 called the Belgian Village that was known for its themed rooms. However, he wanted to create a children's theme park; he sold his motel to buy land in Ellicott City, which was rural and undeveloped at the time.

The park was nestled in the woods and when completed, was filled with large-scale representations of storybook characters and places. The old woman living in her shoe, the candy house from Hansel and Gretel, Cinderella's castle – visitors could experience all of them. Like Disneyland, The Enchanted Forest had real-life people portray the characters. The park was billed as "a storybook land of fairytales come true."

Part of the magic of the park was in its lovingly-crafted details. Linda Harrison Gardner, a longtime fan of the park, said of Cinderella's castle, "to get to it, you would ride in the pumpkin drawn by white mice to the foyer. Each of the six mice was at least 10 feet long. Inside, you could see Cinderella scrubbing the floor, accompanied by her mice friends. Up on the next level were animated figures, including Cinderella, dancing at the ball. Up another flight of stairs you saw the Prince trying the glass slipper on Cinderella. The top of the castle was the house where they lived happily ever after."

These elements would be considered mild by today's entertainment standards. Unlike the park's rivals at the time, such as Coney Island, which had thrill rides and roller coasters, the Enchanted Forest was designed to thrill the imagination. The only "rides" the park had when it first opened were a covered wagon and ponies. Mechanical rides were introduced later, such as Alice in Wonder-



(Clockwise from left)  
Little Red Riding Hood greets children during a visit to The Enchanted Forest theme park.

The Old Woman's Shoe featured a sliding board inside, as well as shoelaces made from fire hoses. The shoe was restored and is now displayed at Clark's Elioak Farm in Ellicott City, Maryland.

Humpty Dumpty sits on a wall with friends. The park featured fairytale and nursery rhyme characters.

Courtesy photos

land's teacups and Little Toot, a boat that took visitors around a lake and through Mount Vesuvius and past Robinson Crusoe's Island.

The park often delighted and frightened small children in subtler ways. For example, one of the park's more popular features was "Willie the Whale," a grinning 12-foot-long blue whale inspired by the biblical story "Jonah and the Whale." Children could climb inside its large mouth, look down his throat, and see fisherman Jonah on a raft.

Whereas other local amusement parks were 'whites-only,' The Enchanted Forest admitted a racially-integrated client-

ele from its first day open - a significant move forward for race relations and civil rights in the region in the 1950s.

Despite its original appeal, the park experienced a decline in the 1970's as people were more attracted to larger theme parks, and it officially shuttered its doors in 1989. However, the park's figurative fairytale book was not closed for good, not without a happy ending.

In 2005, many of the park's beloved, yet long-abandoned figures, were moved to nearby Clark's Elioak Farm, where they were restored and are currently on display. In 2008, 22 characters were added to the collection, including a dragon

and Rapunzel for the Enchanted Castle, a Baby Bear and Goldilocks for the Three Bear's House, the third Little Pig, the Merry Miller and his Mice Band, Prince Charming, Cinderella and her Prince and her Pumpkin Coach Driver, and more children for the Old Woman in the Shoe.

The farm will celebrate the 60th anniversary of The Enchanted Forest the weekend of Aug. 15- 16 with a ribbon cutting at the castle at noon, Aug. 15. For more information, visit [www.clarklandfarm.com](http://www.clarklandfarm.com). For more information about The Enchanted Forest, visit [www.theenchantedforest.ellicottcity.net/](http://www.theenchantedforest.ellicottcity.net/).

## ATEC resiliency training discovers character strengths

Story and photo by **LINDSEY MONGER**  
ATEC

Master Resiliency trainers with the U.S. Army Test and Evaluation Command helped members of the ATEC workforce discover their character strengths and how to leverage them, during monthly resiliency training at the APG North (Aberdeen) recreation center July 8.

Part of the Army's Ready and Resilience (R2) Comprehensive Soldier and Family Fitness (CSF2) program, resiliency training helps develop skills that build resilience and enhances performance among members of the Total Army.

ATEC Resiliency Trainers, Staff Sgt. Cornelius Tharrington, S-1 noncommissioned officer-in-charge and Diana Reeves, R2 civilian program lead, presented the skill, "Identifying Character Strengths in Self and Others," which was aimed at identifying and understanding one's strengths, increasing effectiveness, and strengthening relationships.

Prior to the class, participants were asked to complete the University of Pennsylvania's Value in Action Character Strengths survey used to identify 24 character strengths for discussion during the session.

"You can strengthen your effectiveness as a Soldier and civilian when you know and use your character strengths," Reeves said. "When you're fully utilizing your strengths, it helps increase your energy, motivation and success in your personal and professional lives."

Reeves explained how the participants can evaluate the results of their surveys to identify their signature character strengths.



**U.S. Army Test and Evaluation Command Master Resiliency Trainers conduct monthly resiliency training focused on helping participants discover their character strengths and how to leverage them July 8 at the APG North (Aberdeen) recreation center. Part of the Army's Ready and Resilience (R2) Comprehensive Soldier and Family Fitness (CSF2) program, the training helps develop skills that build resilience and enhance performance among members of the Total Army.**

"When you look at your signature strengths, these are the ones that are most comfortable to you, the most dominant in who are you, and that show up in your daily behavior," she said.

Reeves said some character strengths are not used as frequently as others. "For some people, those character strengths could be considered a weakness."

Tharrington encouraged participants to strengthen their character strengths so they are more comfortable when required to use them when facing a challenging situation.

Tharrington further explained what is referred to as the 'shadow side' of one's character strengths.

"Each character strength has a shadow side that can get you in trouble or limit you," he said. "The shadow side of a character strength is created when a particular strength is overused, exercising a strength in the wrong context or in a manipulative way, devaluing the character strengths of other people, or in a way that is not attuned to others."

Tharrington ended the discussion comparing resiliency sessions to tend-

ing a garden.

"One of the first things you do when you have a garden is pull out the weeds," Tharrington said. "We are, through teaching resiliency skills like mental games and real-time resiliency, 'weeding out' negative thoughts and behaviors from our minds' 'garden' and replacing them with something more positive."

Although resiliency training is mandatory for military personnel, civilians are highly encouraged to attend, he added.

"We [master resiliency trainers] want to help the Total Force [Soldiers, civilians and their Families] grow their character strengths," Tharrington said. "That way, you can use those skills to help your colleagues and loved ones at home."

In addition to the monthly resiliency training, ATEC resiliency trainers have also incorporated resiliency skills into staff meetings in an effort to bolster civilian participation and to raise awareness of the value of the classes among civilian personnel.

According to Lorrie Chieffo, ATEC workforce development officer, members of the acquisition workforce are required to earn 80 continuous learning points (CLPs) over a two-year period.

"Attending resiliency training is a great way to rack up CLPs," Chieffo said. "Each resiliency class counts for one CLP. Attending resiliency training just once a month for two years could earn someone 24 CLPs."

For more information about ATEC's Ready and Resilience efforts, visit [www.atec.army.mil/r2c](http://www.atec.army.mil/r2c). To learn more about the Army Ready and Resilient Campaign, visit [www.army.mil/readyandresilient](http://www.army.mil/readyandresilient).

# MORALE, WELFARE & RECREATION



## Upcoming Activities

### CHILD & YOUTH SERVICES

#### LET'S COOK! INTERNATIONAL COOKING CLASS AUGUST 3-7

CYSS will host an international cooking class that will teach children skills to prepare food from different places around the world.

The second session will run Monday, Aug. 3 to Friday, Aug. 7. Each session will be held at the Corvias Community Center from 10 a.m. to 1 p.m.

Children will learn about sanitation, kitchen safety and different recipes that require little help from parents. Each session includes a \$35 supply fee and is open to children ages 7 to 15.

For more information, email shirelle.j.womack.naf@mail.mil or call 410-278-4589.

### SAT PREPARATION CLASSES AUGUST 10-14

Get ready for the SATs with Ms. Sue Fassold who works with students of all levels to prepare to take all areas of the SATs: Critical Reading, Math, and Writing. Online video chat small-group sessions offered at the Army Community Service Tech Lab. Limited to 4 students per session.

SAT Test Date: October 3 (Class does not include the test)

Classes take place at the ACS/CYSS Bldg 2503, ACS Computer Lab (1st floor) each day, 10 a.m. to noon. Open to youth ages 14-18. Cost is \$225 per student; cost includes cost of SAT prep book.

For more information, contact Shirelle Womack at 410-278-4589 or shirelle.j.womack.naf@mail.mil

### LEISURE & TRAVEL PA RENAISSANCE FAIRE AUGUST 1 - OCTOBER 25

Experience the fantasy of a marvelous trip back in time to the days of yore as the castle gates swing wide to usher in the 35th season of the Pennsylvania Renaissance Faire.

Featuring 35 acres of jousting knights and royal delights, the faire welcomes you with a cast of hundreds of costumed merrymakers, more than 90 shows daily, manicured gardens, scores of artisans demonstrating ancient crafts and 22 royal kitchens -- truly the faire remains a marvelous fantasy of bygone days and knights.

Tickets are \$23.25 for adults and \$10 for children ages 5-11. Registration deadline is July 9.

To purchase tickets, visit Leisure Travel Services at the recreation center, Bldg. 3326. For more information, call 410-278-4011/4907 or email usarmy.APG.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil.

### MARYLAND STATE FAIR AUGUST 28 - SEPTEMBER 7

The Leisure Travel Office is offering tickets to the Maryland State Fair at 2200 York Rd., Lutherville-Timonium, MD 21093.

Tickets are \$7 for adults, \$2.50 for children ages 6-11, \$19 for ride-all-rides passes, and \$11 for food vouchers. Registration deadline is Aug. 17. To purchase tickets, visit Leisure Travel Services at the recreation center, Bldg. 3326. For more information, call 410-278-4011/4907 or email usarmy.APG.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil.

### NEW YORK CITY BUS TRIP SATURDAY SEPTEMBER 26

The Leisure Travel Office is offering seats on a bus to New York City Sept. 26. The bus will leave the APG North (Aberdeen) recreation center at 7 a.m. and return to the recreation center at 9 p.m., depending on traffic. The cost is \$48 per person. To reserve a seat, visit Leisure Travel Services at the recreation center, Bldg. 3326. For more information, call 410-278-4011/4907 or email usarmy.APG.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil.

### AMUSEMENT PARK DISCOUNT TICKETS 2015 SEASON

The Leisure Travel Office is offering discount tickets to the following amusement parks on the eastern seaboard.

- Six Flags America (Maryland)
- Six Flags Great Adventure (New Jersey)
- Six Flags Hurricane Harbor (New Jersey)
- Dutch Wonderland (Pennsylvania)
- Hershey Park (Pennsylvania)
- Sesame Place (Pennsylvania)
- Carowinds (North Carolina)
- Busch Gardens (Virginia, Florida)
- Water Country USA (Virginia)
- Kings Dominion (Virginia)

Prices vary and are subject to change without notice. For ticket prices, and more information, visit [www.apgmwr.com/recreation-and-sports/ticket-office](http://www.apgmwr.com/recreation-and-sports/ticket-office) or call 410-278-4011/410-436-2713.

### BALTIMORE ORIOLES DISCOUNT TICKETS 2015 SEASON

The Leisure Travel Office is offering discount tickets to Baltimore Orioles games during the 2015 season at Oriole Park at Camden Yards in Baltimore. For pricing and availability, contact Leisure Travel Services at 410-278-4011/4907. Tickets can be purchased at the Leisure Travel Services Office at the APG North (Aberdeen) recreation center.

### SPORTS & RECREATION

#### ULTIMATE FRISBEE WEDNESDAYS

Ultimate Frisbee matches will be held at Shore Park on APG North (Aberdeen), Every Wednesday from 5:15 to 7 p.m.

Ultimate Frisbee is a limited-contact team field sport played with a frisbee. Points are scored by passing the disc to a teammate in the opposing end zone.

Other rules imply that players must not take steps while holding the disc (but may maintain a pivot) and interceptions and incomplete passes are turnovers.

All levels of players are invited -- beginners are welcome to come out and try a new activity!

### FRIDAY NIGHT FISH FRY @ RUGGLES JULY 16 - OCT. 30

Ruggles will offer a Friday Night Fish Fry and golf special, including nine holes of golf with cart and a beer-battered fish and chips dinner with fries and coleslaw. Cost is \$25 for military personnel, \$30 for all others. The cost of dinner only is \$15.95.

For more information, call Rik Bond at 410-278-4794 or email [richard.j.bond10.naf@mail.mil](mailto:richard.j.bond10.naf@mail.mil)

### KAYAK CLASSES JULY - AUGUST

APG Outdoor Recreation will host two-day kayak classes on the following dates:

- Aug. 13-14
- Aug. 17-18

The first day of each session is instruction, the second day is an excursion. The two-day class is \$50 per person. Class begins at the APG Outdoor Recreation Center, Bldg. 2184, at 6 p.m. and ends at dusk.

For more information, or to register, contact the Outdoor Rec. Office at 410-278-4124.

### 2015 POOL PASSES

MWR pools are now open 7 days a week through Aug. 28.

The APG North (Aberdeen) Olympic Pool and the APG South (Edgewood) Bay-

side pool are open for morning lap swim Monday-Friday, 6:30 to 8 a.m., afternoon lap swim 11:30 a.m. to 12:30 p.m. and recreational swim Monday-Friday 12:30 to 7 p.m. and Saturday-Sunday 11:30 a.m. to 7 p.m.

Pool passes are on sale now at either pool, the Outdoor Recreation Center, Bldg. 2184, and the Leisure Travel offices at APG North (Aberdeen) and APG South (Edgewood) recreation centers.

For pool pass prices or more information, visit [www.apgmwr.com](http://www.apgmwr.com), call 410-278-4124/5789 or email [usag-mwr-outdoor-rec@mail.mil](mailto:usag-mwr-outdoor-rec@mail.mil).

### EQUIPMENT RENTALS ONGOING

The MWR Outdoor Recreation Office offers countless items for rent to make a summer barbecue or party complete, including barbecue grills, bounce houses, canopies, coolers, kayaks, yard games and camping gear. Visit [www.apgmwr.com](http://www.apgmwr.com) for price list. Call 410-278-4124/5789 for more information.

### ARMY COMMUNITY SERVICE

#### GETTING INSURANCE WEDNESDAY AUGUST 19

ACS will host a "Getting Insurance" workshop that provides an overview of insurance, insurance terms and getting the most for your money. It will also explore questions such as, Do I have enough? What will these terms mean to me?

The class is free but does require registration. To register, call the ACS Financial Readiness Program Manager at 410-278-7572.

## Eligible MWR patrons and showing proof of eligibility

Army Regulation 215-1 "Military Morale, Welfare, and Recreation Programs" outlines individuals eligible to use MWR facilities, programs and services.

These eligible patrons include, among others:

- All active-duty service members & their families
- All Reservists & their families
- All National Guard service members & their families
- Retirees & their families
- Department of Defense civilian employees & their families
- DOD contract personnel

**Anyone using an MWR service or facility must show proper identification as proof of eligibility.**

While family members of military personnel are automatically issued dependent ID cards, the family members of civilian employees are not automatically issued an Army Civilian ID Card. In order for a Department of the Army civilian dependent to use an MWR facility or service, they must show proof of eligibility.

"Customer service is very important; patrons are required to present valid ID cards in order to meet requirements specified in the Army Regulation that governs Morale, Welfare and Recreation regarding proof of eligibility," said MWR Director Mike Lupacchino.

"The ID card indicates if the patron is eligible and if their eligibility has expired based on the date issued/expiration on the card. FMWR does not automatically receive notification when an employee/contractor is no longer eligible and their ID card becomes invalid."

APG's Memorandum of Instruction 14-55 states that DA civilian dependents may be issued a civilian ID card (DA Form 1602) for use of MWR facilities. The form can be found at <https://www.apg.army.mil/InstallationSupport/CAC>. The DA civilian, or sponsor, then must request a civilian ID for their dependent(s) through their assigned organization.

## Friday Night Fish Fry RUGGLES GOLF COURSE

July 16 - Oct 30 3-8 pm



9 holes of Golf With Cart and beer battered Fish and Chips Dinner

Military \$25  
All Other \$30  
Dinner only \$15.95  
includes Fries and Cole Slaw



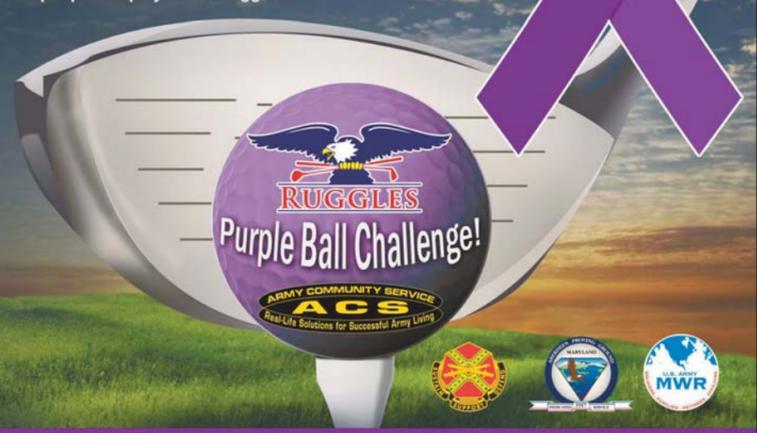
For more information call Rik Bond at 410-278-4794 or email at [richard.j.bond10.naf@mail.mil](mailto:richard.j.bond10.naf@mail.mil)



## Driving Away Domestic Violence

Wednesday Sept 23 Ruggles Golf Course

4 person scramble - Captain's Choice  
11 am Registration, with lunch at 11:30 am  
1 pm Shotgun start  
Cost \$45 per person (open to men and women)  
Cost includes: golf, carts, food and prizes  
Purple Ball Challenge winners will be recognized on plaque displayed at Ruggles.



For more information or to register please call the golf shop at 410-278-4794

## Good judgment: a hiking essential

By **YVONNE JOHNSON**  
APG News

This is a two-part message on hiking safety from the National Park Service, the Maryland Department of Natural Resources and other sources. This week's installment addresses general hiking safety guidelines. In next week's edition, read about safety precautions and actions to take during lightning events while hiking, camping or climbing.

Like other recreational activities, your safety depends on your own good judgment, adequate preparation, and constant attention. Backcountry hikers should be in good physical condition and be able to survive on their own. Proper equipment and the knowledge of how to use it are essential for a safe trip. Even if only out for a day hike with friends, your safety is your responsibility.

According to the National Park Service, the following factors often result in emergencies while hiking: failure to plan and prepare; inadequate footwear, clothing, or equipment; lack of skill or fitness level for type of terrain or outing; impaired or poor judgment, sometimes induced by fatigue, exhaustion, or hypothermia; failure to let family and/or friends know specific plans, routes and date of return; and failure to keep hiking party together.

### Hiking guidelines

The following general guidelines are applicable all national and most state parks in this region:

- Let a responsible person know your route and return time. Direct them to contact park officials or call 911 if you do not return within a reasonable time.
- Always hike with at least one other person. Keep your hiking party together and stay on officially maintained trails. Always keep children in your sight when hiking; do not allow them to get ahead of you or fall behind.
- Do not rely on technology to save you. Cell phones often do not work in the backcountry and GPS is sometimes unreliable.
- Carry a current park trail map and know how to read it. Remember that park trail maps are flat representations of what could be rugged, mountainous terrain.
- Carry a flashlight or headlamp – even during a day hike. If you have trouble on the trail, darkness could fall before you finish your hike.
- Take adequate water; a minimum of two quarts per person per day. Three to four quarts is recommended. Any water obtained from the wild should be treated by filtering or boiling.
- Carry a first aid kit.
- Check the current weather forecast and be prepared for quickly changing conditions.
- Wear shoes or boots that provide good ankle support.
- Avoid hypothermia - the dangerous lowering of body temperature - by staying dry. Avoid cotton clothing. Dress in layers that can be easily removed or added as you heat up or cool down. Always carry a wind-resistant jacket and rain gear - even on sunny days.
- Don't attempt to cross rain-swollen streams; they will recede rapidly after precipitation stops and the waiting could save your life. When crossing any stream more than ankle-deep, unbuckle the waist strap of your pack, wear shoes, and use a sturdy walking stick or staff to steady yourself.
- Do not hike at night. If you are camping, plan to return to your campsite before dark.
- Research the terrain of your trip and plan an itinerary that is realistic for your group's level of experience and physical abilities, especially if confronting steep, mountainous terrain.
- Do not leave valuables in your car where they can be seen by others. Leave them at home, place them in the trunk or take them with you.
- If you have an emergency and have cell phone access, call 911. Be sure to tell the operator what park you are located in, what trail you are on or what campsite/shelter you are using. If you are on a trail, tell the operator the nearest trail intersection and your distance from it. Provide a thorough description of the problem. If you do not have cell phone access, send other hikers to get help.

### Hiking hazards

#### Protect yourself from the sun

Protection from ultraviolet (UV) radiation is important all year. UV



Courtesy photo

rays from the sun can reach you on cloudy and hazy days, as well as bright and sunny days. Use a broad-spectrum (against UVA and UVB rays) sunscreen and lip screen with at least SPF 15. Seek shade, especially during midday hours, when the sun's rays are strongest. Cover up with clothing, a wide-brimmed hat, and sunglasses.

#### Challenging terrain

Significant environmental, weather or terrain hazards can include stream and river crossings, precipitous cliffs and ledges, unstable sedimentary rock, dangerous wildlife, and ever-changing weather, such as snow storms and lightning.

In addition, heavy rains can cause swollen streams that may be unsafe to ford. Use good judgment. Do not attempt to cross flooded streams. If your route is blocked by a rain-swollen stream, backtrack and attempt to return to the nearest campsite or trailhead. Do not risk your life just to follow a planned itinerary.

When crossing streams, wear shoes to protect your feet and use a stout stick or tree branch for added support. Unbuckle the waist strap of your pack so it can be discarded quickly.

#### Treat all drinking water

The protozoan *Giardia lamblia* may be present in park waters. *Giardia* is protected by an outer shell that allows it to survive outside the body for long periods of time and makes it tolerant to chlorine disinfection. When ingested by humans its reproductive cysts can cause intestinal disorders that appear weeks later. While the parasite can be spread in different ways, water (drinking and recreational) is the most common mode of transmission. The easiest method of effective water treatment is to boil water for one minute or use a filter capable of removing particles as small as one micron.

#### Hypothermia

Hypothermia kills - even in summer. Cool, wet, and windy conditions can cause hypothermia, so be prepared for sudden weather changes. Hypothermia is a progressive lowering of the body's core temperature causing physical collapse and diminished mental capacity. A wet hiker can succumb to hypothermia in summer at higher elevations. Prevent hypothermia by using rain gear before you become wet. Avoid wearing cotton

which will not dry out once it becomes wet. Instead dress in layered, wicking fabrics [see [https://en.wikipedia.org/wiki/Wicking\\_fabric](https://en.wikipedia.org/wiki/Wicking_fabric)] consisting of inner, mid and shell layers.

Always remember to minimize wind exposure. If your clothes become wet, replace them with dry ones. On warm days watch for signs of heat exhaustion. Avoid sweating in cold weather by dressing in layers, rather than a single bulky garment. Stay well-hydrated in all conditions—three to four quarts of water per day is required to avoid dehydration.

#### Avoid wild animals; protect pets

Some wild animals carry diseases that are dangerous to people. Avoid touching, feeding, and approaching wild animals. Instead, enjoy watching them in their natural surroundings from a safe distance. Keep foods stored in sealed containers. Make sure your family pets are vaccinated and stay a safe distance from wild animals. Check them for ticks, and remove promptly. Make sure pets have plenty of water, food, and shelter.

#### Encountering bears

Bears are native inhabitants in some parks. Their behavior is unpredictable. Although extremely rare, attacks on humans have occurred, inflicting serious injuries and death. Treat bear encounters with extreme caution. Visit the NPS website at [www.nps.gov](http://www.nps.gov) to watch the video "Day Hiking & Wildlife" to learn how to handle bear encounters.

Bear pepper spray is a chemical formula designed specifically to deter aggressive or attacking bears. It must be commercially manufactured and labeled as "Bear Pepper Spray" and be registered with the Environmental Protection Agency and individual states. Bear spray must

contain between 1 percent to 2 percent of the active ingredients capsaicin and related capsaicinoids. Bear pepper spray may be carried by hikers in national parks for the strict purpose of protection against bodily harm from aggressive wildlife. Check with your state Department of Natural Resources before using it in state parks. It should not be applied to people, tents, packs, other equipment or surrounding areas as a repellent.

#### Venomous Snakes

To avoid being bitten by a startled or frightened snake, use caution around old buildings, fallen trees, large boulders and

stone fences. According to the MDNR, snakes are rarely aggressive towards humans. If you encounter a snake simply maintain a safe distance and move away from it, or allow it to move away from you. Only two of the 27 kinds of snakes inhabiting Maryland are venomous: the copperhead and timber rattlesnake.

The Northern copperhead is a rich, reddish, brown with a series of darker hourglass markings down its back. Its head is usually a bright copper color and its belly is pinkish. It seldom exceeds three feet in length. Copperheads exist throughout the state in remote rocky, wooded areas where they feed on small rodents and other warm-blooded prey.

The timber rattlesnake is the only species of snake in the state with a segmented rattle at the end of its tail. It has brown or black chevron-shaped markings on a yellow background, down its back. This snake rarely exceeds six feet in length. It commonly occurs in the remote rocky, mountainous sections of the state.

View photos of Maryland's two poisonous snakes at [http://dnr2.maryland.gov/wildlife/Pages/plants\\_wildlife/vsnakes.aspx](http://dnr2.maryland.gov/wildlife/Pages/plants_wildlife/vsnakes.aspx)

To avoid being bitten by any snake:

- When hiking or camping in areas where snakes might be found, watch where you put your hands and feet. Watch where you sit and where you place your sleeping bag.
- Wear long pants and heavy boots, when hiking through tall grass or heavy brush.
- Avoid rock piles, stacks of old boards and brush in wooded areas, as snakes use such areas frequently.
- Never handle "dead" venomous snakes, they may not be completely dead.
- Leave live snakes alone. Do not attempt to capture or kill them.

#### Insects

Fight the bug bite

Mosquitoes, ticks, and other insects can cause certain diseases. To help fight the bite, apply insect repellent containing DEET to exposed skin. Be sure to follow directions on the package. Check for ticks daily, and remove them promptly. Wear long sleeves, pants, and other light-colored clothing to help prevent and spot ticks more easily.

#### Be prepared.

When hiking, camping or participating in other outdoor activities, it always helps to plan ahead and be prepared for the unexpected. Before you leave, check the weather report, learn about security at your camp location, and tell family and friends your plans. Know what to do when toilets are not available. Be sure to bring along supplies that include a first-aid kit, compass or GPS, map, flashlight, blankets, batteries, food, water, clothes, and medications. Know who to contact at the camp to report issues that may come up. When you return home, check for ticks, skin rashes or sunburn, dehydration, and other problems.

Nature is out there for all to enjoy, before, during and after. Have fun!

For more information, visit: [www.nps.gov](http://www.nps.gov); [www.cdc.gov](http://www.cdc.gov); [www.wikipedia.org](http://www.wikipedia.org); <http://dnr.maryland.gov>.

**Your safety depends on your own good judgment, adequate preparation, and constant attention. Backcountry hikers should be in good physical condition and be able to survive on their own. Proper equipment and the knowledge of how to use it are essential for a safe trip. Even if only out for a day hike with friends, your safety is your responsibility.**

# Taking bomb disposal to new level

By  
**CARLOTTA MANEICE**  
AMRDEC

The U.S. Army and Air Force are working together to develop Mine Resistant Ambush Protected vehicles with laser technology.

Before, when the military wanted to disable a bomb, highly trained bomb disposal specialists wore body armor, protective suits or used robots to render an area safe.

With lasers, operators can negate the threat of improvised explosive devices, makeshift bombs, mines, and other unexploded explosive ordnance from a safe distance.

The U.S. Army Aviation and Missile Research Development and Engineering Center Prototype Integration Facility, U.S. Air Force Air Combat Command and the Redstone Test Center developed the technology.

The AMRDEC PIF will integrate the U.S. Air Force's laser, interrogator arm, console and other features into the Category I Cougar MRAP.

"Building the [Recovery of Airbase Denied by Ordinance, or RADBO] prototype was right in the wheelhouse of what the PIF is set up to do," said Steven Colvin, PIF Project Manager. "We were able to assemble a strong team of mechanical, electrical and design engineers to solve the problems, fabricators and integrators to build the prototype and technical writers to document the installation, operation and maintenance of the system."

"We may see hundreds to thousands of small unexploded ordnance items on a runway or airfield but the RADBO will allow us to reduce the time it takes to get an airfield operational," said Marshall "Doc" Dutton, Air Force Explosive Ordnance Disposal Modernization program manager of the Air Force Civil Engineer Center at Tyndall Air Force Base, Florida. "Currently if a runway gets hit it can take days to weeks to get cleared. With the RADBO, runways can be cleared and operational at a much quicker pace."

RADBO's laser can detonate bombs up to 300 meters and the Army's integrated interrogator arm and manipula-



Photos by Redstone Test Center  
(Above) A Recovery of Airbase Denied by Ordinance prototype is shown during a testing phase in February 2015. (Insert) A Recovery of Airbase Denied by Ordinance vehicle, containing a laser, interrogator Army and manipulator claw, is shown.

tor claw which can pull 50 pounds of debris up from cracks and underneath rubble. Infrared cameras, driver vehicle enhanced capabilities and two alternators were installed to provide over 1,100 amps of power.

"The biggest challenge for the PIF was the integration and mechanical maneuvering of adding a second alternator," Colvin said. "The stock alternator was only 570 amps and we needed more to power the laser. After modifying the nose of the Cougar MRAP and shifting the fan and radiator forward we were able to install an additional alternator and double our power."

Another non-combat use of the RADBO is the ability for immediate range clearance allowing fighter pilots to use the range immediately after a live ordnance drop training exercise. Since ranges can be cleared immediately for repeated use, this capability has the potential to save lives on the battlefield.

"The PIF and the test center support have been superb," Dutton said. "We anticipate producing 14 more RADBO after the developmental testing phase to support the AFCENT command. We look forward to partnering with the PIF in the future."

Current testing on the RADBO

includes munitions testing, hot and cold storage and electromagnetic interference. Developmental testing will conclude in July at RTC but additional tests will continue with Airmen at Tyndall Air Force Base in September 2015.

The PIF is a subordinate unit of the Engineering Directorate that plans, develops, manages, and conducts Aviation and Missile Life Cycle Management Command programs in the areas of total lifecycle systems engineering, product assurance, test and evaluation.

The prototype vehicle contains the laser, interrogator arm and manipulator claw.

## Vets transition while curating nation's artifacts

Story and photos by **J.D. LEIPOLD**  
Army News Service

Wherever the U.S. Army Corps of Engineers (USACE), starts an excavation project such as the construction of reservoirs and associated water control programs, archaeologists are on hand to retrieve artifacts, which could be hundreds or even thousands of years old.

The excavation projects shut down while the archaeologists carefully remove pieces of pottery, sections of clay pipes, animal bones and teeth, stone tools, pieces of what were once wine or apothecary bottles along with arrowheads and even musket balls.

Most of USACE's archaeological artifacts were discovered between 1947 and 1985. Federal law requires these collections be stored for long-term preservation, and made available for scientific research and public education.

In 2009, using American Recovery and Reinvestment Act funding, USACE established a unique and beneficial program - the Veteran Curation Program - to manage the collections. The program provides temporary employment and archaeological curation training to post-9/11 veterans at laboratories in Augusta, Georgia; St. Louis, Missouri, and Alexandria, Virginia.

Since establishment of the Veterans Curation Program, or VCP, 241 veterans have been employed by the program, and 139 gained full-time, permanent employment after their five-month stint with the VCP. An additional 39 have continued on with their education at colleges, universities and in certificate programs. Presently, there are 36 veterans working in the three labs.

While processing archaeological artifacts, veterans learn computer skills, database and records management, software proficiency and photographing and scanning technologies.

Managing the Alexandria lab directly and the Augusta and St. Louis labs remotely with occasional week-long trips, archaeologist Jasmine Heckman not only oversees the collections that the veteran technicians are processing, she arranges for guest speakers to come in once a week to talk with the transitioning Soldiers, Sailors, Airmen and Marines on a variety of topics, from financial guidance to building resumes and conducting mock interviews.

While Heckman never served in the military, she said she believes helping veterans successfully prepare for a civil-



(Above) Naval Reservist and Afghanistan veteran Michael Rosario-Figueroa catalogues lithic artifacts at the Veterans Curation Program laboratory in Alexandria, Virginia. A hospital corpsman, Rosario-Figueroa says many of the skills he's learned in cultivating artifacts apply to his field of study - art history.

ian career is a good way to thank them for their service. She said those veterans, who are hired on at the lab, demonstrate genuine interest in the subject matter, and really want to be a part of what goes on in the labs.

"They all really wanted to be here and learn how to archive these artifacts," she said. "It's all invaluable to the corps because many of these collections come in to the lab and they can be in really rough shape ... the boxes are tattered and torn, information can be at times tough to read, but we're able [to] archive, then rehouse these materials, re-box them and ensure that the research material is all digitized and scanned ... it really is very worthwhile to researchers."

One Army veteran, Jackie Muddiman, was medically retired as a staff sergeant in 2011, after 15 years of service. He served one tour in Kosovo and four tours in Iraq. But his body couldn't handle the injuries he suffered during his third trip to Iraq in 2005. During that tour, his Humvee was hit by an improvised explosive device. Only two of the four Soldiers in the vehicle survived.

Today, at 35, Muddiman is awaiting "a lot more surgeries" on his left arm and leg. He also has trouble with post-traumatic stress. But now, he said, he's looking ahead to a different life after having been a Soldier for so many years.

"I'm gaining skills as far as the data-

bases go, organizing documents. The archives process is so intensive that I've actually been able to use it in my personal life, arranging all those military documents you need for retirement. If someone calls and says they need a copy, I don't have to fumble through folders, I can just pull it up on my computer and zap it to them," he said.

Muddiman found out about the VCP through the Army Wounded Warrior Program while he was assigned as cadre at the Fort Drum, New York, Warrior Transition Unit.

"A counselor emailed me and asked if I'd be interested. I read the job description and said, 'wow, that does sound interesting because I'm a history buff,'" he said.

Muddiman's goal is to transition into a company called Mission BBQ, a restaurant chain of 18, which was founded Sept. 11, 2011, and focuses on recognizing service personnel and first-responders.

Lab technician and former sergeant, Porsche Beale, joined the Army right out of high school. She spent nine years serving, including a hitch in Tikrit, Iraq, in 2009. She said she spent nearly her first seven years in the Army at a variety of installations, but never got to see her children. After she had her third child she left the Army and her marriage failed.

After the Army, she said, the only

jobs she could find in the Washington, D.C., area were part-time and didn't pay well enough to cover her rent. Soon, she and her three children were living in a homeless shelter. Then, she heard about the VCP.

"This program has been a true blessing because I've come into so many contacts," she said. "I'm now in transitional housing with Operation Homefront, which allows me to build my income up again and work on my credit score. I love doing this work. I never knew what an archaeologist was before I came here, but the work has been absolutely great."

When Beale's internship ends, she's headed for real estate training and she hopes to open her own brokerage firm in the next three to five years.

Being homeless almost happened to 10-year veteran and sergeant Julie Comtois, who served seven years on active duty, and three years in the Army Reserve. She served as a geospatial engineer during her time in uniform, "a glorified map-maker," she said. "The Army was one of the top-five best decisions I made in my life. It provided me with a really good skill set."

Comtois served 15 months in Kirkuk, Iraq, back in 2006. She also did a tour at the Army Geospatial Center and auditioned for and was selected to participate in the U.S. Army Soldier Show. In the Soldier Show, she sang, danced, and played the drums.

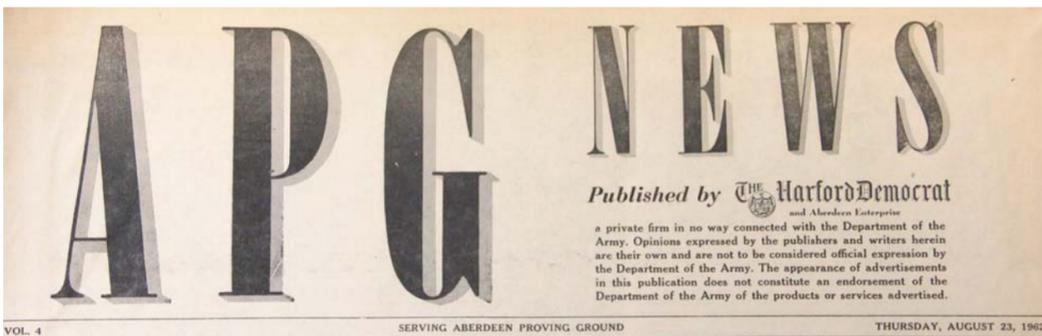
After she left the Army, she still didn't know what to do with her life, which she said was, "falling down around" her. She said she couldn't afford to live alone any longer, nor could she afford her car or much of anything else. Then she heard about the VCP from a friend, who had served at the Augusta lab.

"This program was a life-saver," she said. "Being able to work with veterans from other services, who understand what you've been through is really refreshing. I'm incredibly lucky."

While she's presently not enrolled in college, getting her degree is on her list of things to accomplish in the next few years.

"One of the things this program has helped me with was figuring out what it is I'm passionate about ... and I've decided I want to work in public relations, communications," she said. "I want to do veteran outreach, work with fellow veterans and make a difference to them."

# 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 1962.

By **YVONNE JOHNSON**, APG News

2015

## 10 Years Ago: July 28, 2005



(Left) Four-year-old Zachary Wade helps himself to a bag of treats from APG police officer Michael Banks during the Army Community Service 40th birthday celebration at the Maryland Boulevard picnic area.



(Above) Sarah Card, 16, looks on as Tim Goldwin, an Edgewood Chemical Biological Center volunteer, performs a safety check on her bicycle during a bicycle rally hosted by Boy Scout Troop 802.

2010

2000

## 25 Years Ago: July 25, 1990



(Left) Capt. Ed Budnick surveys the scene of a two-vehicle accident in which one person was injured at the Maryland Boulevard and Susquehanna Avenue intersection.



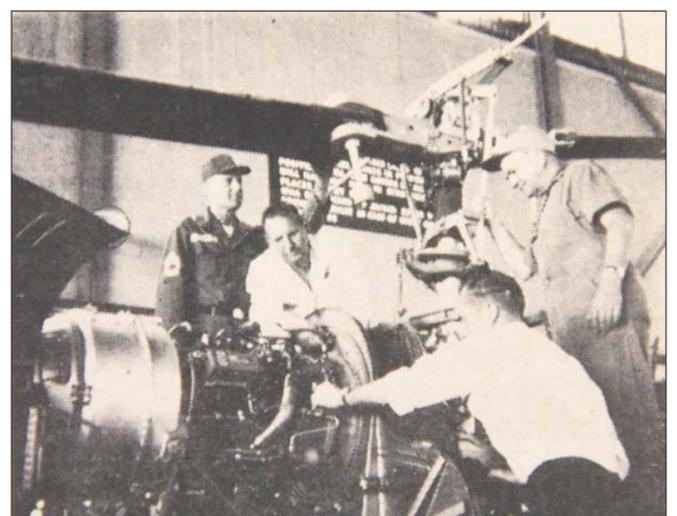
(Right) APG firefighter Shannon Travers stands next to a beverage truck converted into a Hazardous Materials Response Vehicle; the conversion was a result of a suggestion he submitted to the Army Ideas for Excellence program.

1990

1980

## 50 Years Ago: July 29, 1965

(Right) From left, Sgt. 1st Class Carl Kamerer, technical inspector, check the main rotor of a UH-1B "Huey" helicopter, while John Hunt, mechanic, Sidney Cox, director of maintenance and Ralph Illick, technical inspector, work on the engine at the post Transportation Maintenance Division.



(Left) The Bata Shoe factory in Belcamp, Maryland, maker of the jungle boots worn by Marines in Vietnam, receives a \$2 million contract from the U.S. Army Materiel Command to produce an additional 225,072 pairs of combat boots.

1970

1960

1950



# ECBC goes to great depths to investigate World War I and II chemical munitions

Edgewood Chemical Biological Center

It's no secret that chemical munitions from World Wars I and II are still around today. Though their use is prohibited by the Organisation for the Prohibition of Chemical Weapons (OPCW), they can be still found in stockpiles or recovered from land, and are waiting to be destroyed. They are also found at the bottom of the ocean, where they have corroded for nearly a century and can disintegrate upon touch.

Sea-dumping munitions was not an uncommon practice during the 20th century, and in 1972 the United States formally banned sea disposal when Congress passed the Marine Protection, Research and Sanctuaries Act. Understanding the resulting environmental impact has led to critical research being conducted by the U.S. Army and Margo Edwards, principal investigator for the University of Hawaii at Manoa: the Hawaii Undersea Military Munitions Assessment (HUMMA) project.

"This project is definitely near and dear to my heart," Edwards said. "We are really trying to understand something important to the planet, to the people, to the environment. We're trying to document the legacy of the things we've dumped dozens of years ago, and it's compelling because there's not much information from that time, so it's like a mystery novel."

According to Edwards, trace amounts (parts per billion) of mustard agent, along with several degradation products, have been detected in the sediment where chemical munitions are known to be found 500-600 meters underwater.

## Collecting samples

In October 2014, ECBC supported a one-week UH research effort where remotely operated vehicles (ROVs) collected 442 sediment scoops, 35 water samples, 84 shrimp samples, 11 starfish and 2 anemones, and 28 box cores, which is similar to a piston that is pushed into the sediment to maintain consistent layering when it recovers the sample. Throughout the course of the multi-year research effort, other data has been collected, including more than 100,000 still images plus high resolution video data that was captured from multiple cameras.

"We analyzed double the amount of samples we did in 2012 and in half the time," said John Schwarz, project lead and ECBC Environmental Monitoring Laboratory (EML) manager. "This time we went closer to the munition and collected 8-16 samples at each location using an ROV that could submerge for 36-48 hours at a time. This significantly improved productivity and eliminated the safety risk of having people onboard an underwater vehicle for extended periods of time."

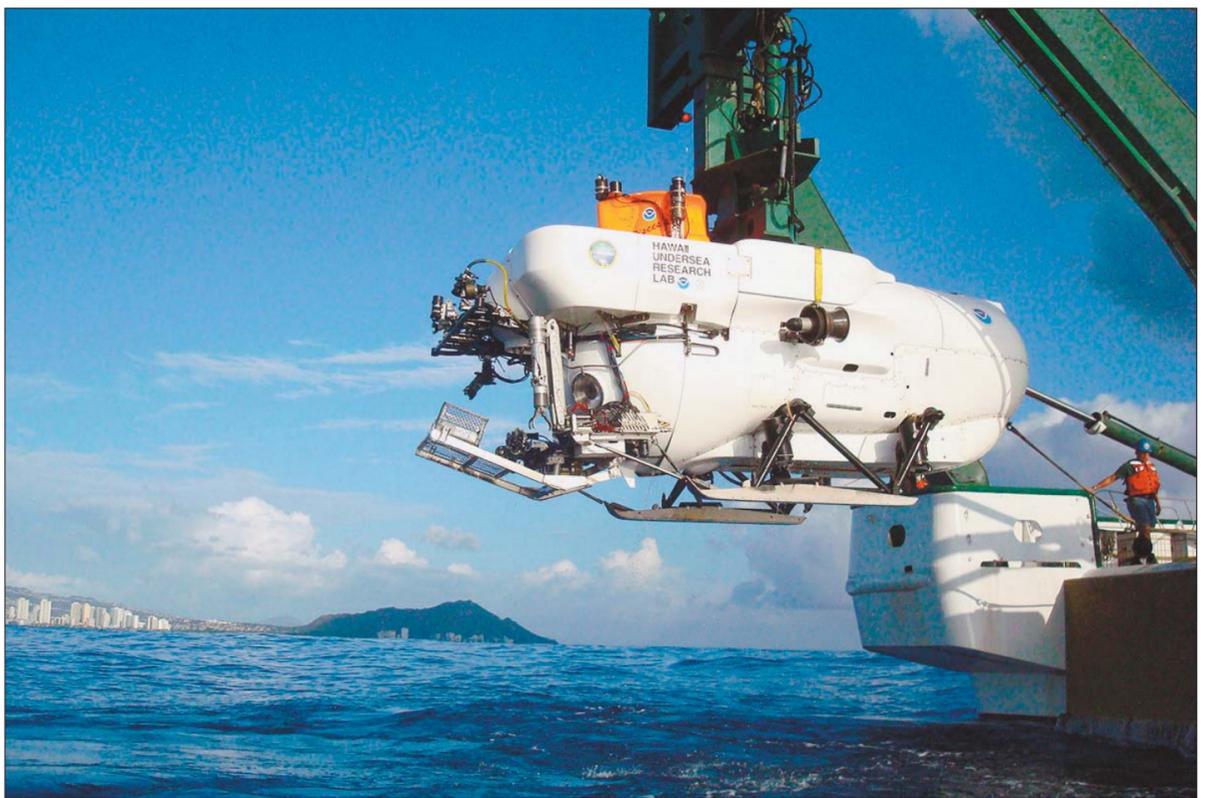
According to Schwarz, mustard agent freezes at a temperature of 58 degrees Fahrenheit, so there is little to no environmental risk to the ocean at these depths, where the average temperature is 45 degrees Fahrenheit. Samples from the research have been sent back to the EML located at Aberdeen Proving Ground, where further studies are investigating what kind of bacteria lives in the sediment found at that depth in order to determine other things like oxygen content, metals analysis and toxic industrial compound levels.

But the mystery remains: at what point did the munitions start leaking mustard?

"I think our data point to an answer that is consistent across the biology and sediment samples as well as the level of collapse we see in the munitions," Edwards explained. "We weren't there at the time of the sea dumping so we can't prove this definitively, but we're building a compendium of evidence that suggests that the leakage from these munitions mostly occurred 70 years ago when they were first dumped into the ocean."

Sea water is a natural catalyst for corrosion and has accelerated the rate of disintegration for the munitions. According to Edwards, it's a relatively slow process to investigate the current condition of the munitions when the atmospheric pressure at that depth is 65 times the atmospheric pressure at sea level; all the more reason to use ROVs when collecting samples. After years of research, Edwards and her team have sampled around 50 munitions site locations—a small, yet multi-faceted data set that indicates neither the munitions nor their chemical contents have impacted sea life significantly.

For example, the team discovered that one species of starfish often selects munitions as a natural habitat. Edwards and her team worked with scientists at the Smithsonian Institution to study the



Photos courtesy of University of Hawaii

(Clockwise from top)

Since 2009, ECBC has supported the Hawaii Undersea Military Munitions Assessment (HUMMA) project; A new species of starfish was discovered to have made a habitat out of World War I and World War II munitions during the Hawaii Undersea Military Munitions Assessment (HUMMA) project; A small amount of neat agent, about the size of a sugar packet, was sampled and analyzed by the ECBC team onboard the research vessel at sea as part of the Hawaii Undersea Military Munitions Assessment (HUMMA) project.

lesions on the arms of starfish that were collected living on munitions. These lesions were hypothesized to be a result of contact with mustard agent. After extensive investigation, the Smithsonian Institution not only realized that this was a new species of starfish, but concluded that the lesions were the result of a parasitic barnacle invading the arms of the starfish. The parasitic barnacle itself may also be an undiscovered species.

"Every aspect of this project has taken us in new directions where we discover amazing things that we just didn't know," Edwards said.

## Agent Onboard: ECBC Handles Contaminated Samples Aboard Ship

From a room onboard the research vessel, scientists from the Woods Hole Oceanographic Institution controlled the ROV, including the robotic arms that scooped and sealed samples around the munitions. The samples were loaded onto an "elevator" near the ROV, a large platform with weights that anchored it to the sea floor. Once enough samples were collected, the weights were cut loose and the platform floated up toward the water's surface where a crane from the research vessel would lift it onto the ship.

"There were two hazards we were facing," said ECBC chemist Lou Alvano. "There was the potential chemical hazard with the samples being brought up from the sea floor, and there was also that hazard of working on the deck, which was slippery. We constantly weighed those two risks to decide the best way to proceed and safely assess what's recovered."

The ECBC team would then wash the samples with fresh water and use a hand-held monitoring assay to screen for any gross level contamination. Once cleared, the samples were double bagged and transferred to the onsite laboratory glove box where they were opened with engineering controls.

"We tried to get as much sediment into the bags in order to transfer it to the fume hood where we could perform a solvent extraction and analyze the liquid," said ECBC chemical engineering technician Mike Glorioso, who has more than a dozen years of air monitoring laboratory experience. "At that point, the agent is safe to handle."

During the mission, one of the samples pulled up from the bottom of the ocean floor was suspected of containing a small amount of neat mustard agent. Glorioso recalled working in the glove box and seeing some discoloration when

tested with M8 paper, which immediately indicated the presence of mustard agent. Once confirmed, the mission shifted from air monitoring and laboratory analysis to agent decontamination, Glorioso said.

"The coolest thing about working with ECBC is they are very easy-going guys until things go in an unexpected direction, and then they kick into another gear," Edwards said. "It was a very small amount of neat agent, about the size of a sugar packet, but the ECBC team wasted no time notifying the captain, isolating the deck and laboratories, and implementing emergency protocols to keep everyone safe."

This worst-case scenario is what ECBC prepares for, and Edwards called their response professional and impressive. The unexpected twist was safely handled but it also meant extending the mission in order to completely decontaminate the ship for a few days.

"It's not the first time we had to adjust on the fly and it's not going to be the last," Glorioso said. "We're cross-trained in a lot of different skill sets so our individual roles on any given mission may change depending on the need. It's a testament to our experience and the missions we've been on. We know how to safely handle everything."

## Project Timeline: Discovering the Unknown

Since 2007, Edwards has led the HUMMA project, a five-phase \$7.5 million research effort for the Office of the Deputy Assistant Secretary of the Army for Environment Safety and Occupational Health.

"When we started in 2007, we really didn't know where to look or what we were going to find. It was a real unknown," Edwards said, who recalled framing the project with a number of questions:

Are we going to be able to detect the munitions with sonar technology?

Are we going to be able to visit the munitions if we locate them?

Are we going to be able to collect the samples that we need to?

"We were pretty sure the answer to all of those questions was going to be 'yes' but in those water depths and with that technology, what we were talking about at the time had never been attempted before. Now, here we are eight years later and we're asking some very sophisticated yet fundamental questions about how these munitions are deteriorating."

ECBC has supported the research effort as chemical experts since 2009

when a team of CBARR scientists first conducted sample analysis onboard a research vessel off the coast of Oahu. More than 50 hours of video data and 3,500 images of munitions were collected as the university and prime contractor Environet investigated parts of a 500 square-kilometer region of ocean floor using the three-person PISCES submersibles.

In 2012, ECBC supported the second phase of the HUMMA project, which included using the same submersibles to descend to the bottom of the ocean and collect samples within 10 feet of the munitions. Nearly 300 samples were collected, including 165 sediment samples, five water samples and 36 samples of shrimp tissue. This was also the first time the Hawaiian Brisingid starfish were discovered among the deteriorating chemical munitions.

The lessons learned in 2012 enabled ECBC to return in 2014 with proven analytical methods for monitoring as well as overall laboratory design onboard the ship. Now, with the final phase of the HUMMA project complete, the U.S. Army and the University of Hawaii can evaluate performance differences between human-occupied submersibles and the ROVs used during the last mission.

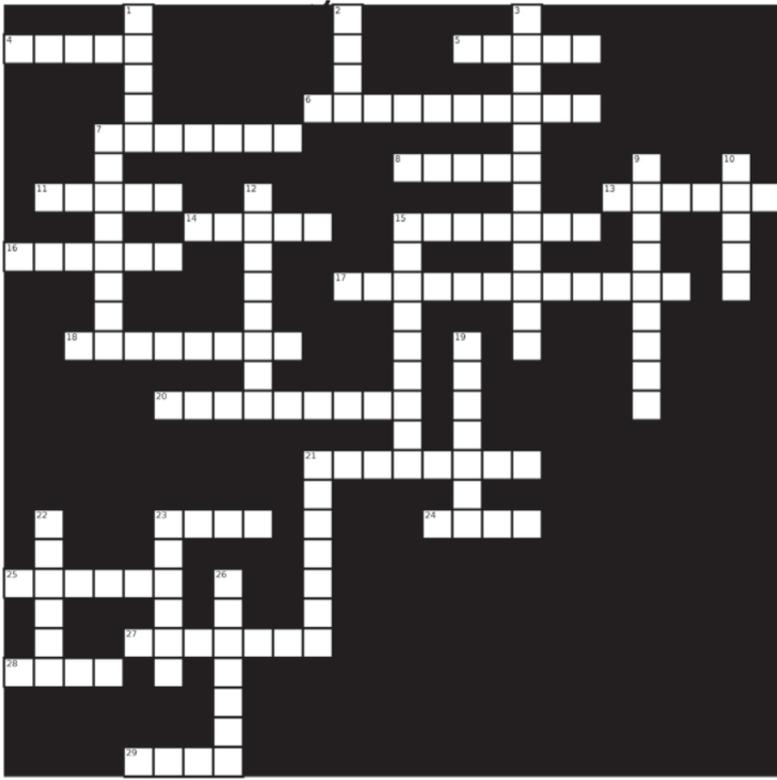
For more information about the HUMMA project, visit [www.hummaproject.com](http://www.hummaproject.com).

## MORE ONLINE

Come and follow us for news and events going on at and around the U.S. Army Garrison Aberdeen Proving Ground, visit the garrison twitter site <http://twitter.com/USAGAPG>



# The APG Crossword



## It's the Swimming Test

By **RACHEL PONDER**, APG News

Swimming is popular way to cool off during the summer. Complete this trivia puzzle to test your knowledge about swimming.

### Across

- 4. Aqua \_\_\_\_\_ is touted as the "pool party" workout for all ages.
- 5. This swimming pool tag game shares its name with shares its name with the 13th century Venetian trader and explorer \_\_\_\_\_ Polo.
- 6. This dive into a pool makes a big splash.
- 7. A plastic device that enables breathing while swimming.

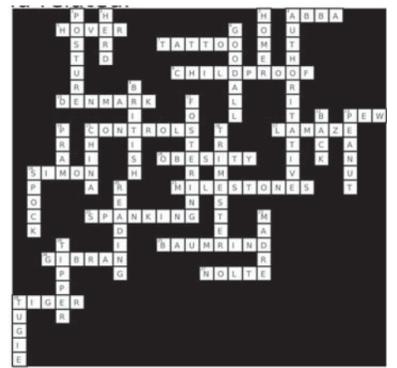
- 8. Ancient drawings and paintings depicting people swimming were found in this African country. They date back to 2500 B.C.
- 11. The bikini swimsuit was named after a U.S. nuclear testing site in the South Pacific called Bikini \_\_\_\_\_.
- 13. German word for water.
- 14. This European nation is home to the world's deepest swimming pool. Called the Y-40 Deep Joy, it sinks to a depth of

- 42 meters, or a space that could easily accommodate a 13-story building.
- 15. The \_\_\_\_\_ Lagoon at the San Alfonso del Mar resort, Chile, is the world's largest swimming pool. It is 3,323 feet long and holds 66 million gallons of water.
- 16. This competitive swimmer from Maryland, and the most decorated Olympian of all time, has won 22 medals.
- 17. This style of swimming first appeared in the Olympics during the 1984 games.
- 18. Swim fins were invented by this U.S. Founding Father.
- 20. Doctors recommend this product that absorbs or reflects some of the sun's ultraviolet (UV) radiation and thus helps protect against sunburn.
- 21. Kills germs that can cause illness in pool water.
- 23. The Deep \_\_\_\_\_, the oldest swimming pool in Texas, is on the National Register of Historic Places.
- 24. On August 25, 1875 he became the first person to swim the English Channel.
- 25. This American competitive swimmer holds the world record in the 4x200-meter freestyle relay (long course).
- 27. The only U.S state with legislation on who can teach swimming.

- rotate.
- 7. More than 50 percent of world-class swimmers suffer from pain in this body part.
- 9. Swimming is fine but fishing is not permitted in this Gunpowder Falls State Park area.
- 10. Swimming helps strengthens the lungs and the \_\_\_\_\_.
- 12. An hour of vigorous swimming will burn up to 650 \_\_\_\_\_.
- 15. Public swimming pool in Darlington, Maryland.
- 19. Name of APG South (Edgewood) swimming pool.
- 21. The first African-American female to earn a place on the U.S. Olympic swim team, she helped secure the silver medal in the 400-meter freestyle relay at the Summer Olympic Games in Athens, Greece in 2004.
- 22. What you should do before entering a pool.
- 23. In 1926 she became the first woman to swim the English Channel.
- 26. Movies like the 1952 film "Million Dollar \_\_\_\_\_" made home swimming pools popular status symbols.

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

Solution to the July 23 puzzle



## WORD OF THE WEEK

### Extemporize

**Pronounced:** ik-stem-puh-rahyz  
**Part of Speech:** Verb

- Definition:**
- Verb (used without object), extemporized, extemporizing.
  - 1. To speak extemporaneously: He can extemporize on any of a number of subjects.
  - 2. To sing, or play on an instrument, composing the music as one proceeds; improvise.
  - 3. To do or manage something in a makeshift way.
  - Verb (used with object), extemporized, extemporizing.
  - 4. to make or devise extempore.
  - 5. (Music) to compose offhand; improvise.

**Related forms:**  
Extemporization, noun  
Extemporizer, noun

- Use:**
- The candidate extemporized for several minutes as he fumbled through his suit seeking his prepared speech.
  - She is an accomplished extemporaneous speaker who can expound on various subjects at a moment's notice.
  - When the lights dimmed, he could no longer read his notes and had to extemporize.
  - Successful – or at least notable - politicians display a marked talent for extemporaneous speaking.

By **YVONNE JOHNSON**, APG News  
Source(s): [www.dictionary.com](http://www.dictionary.com); [www.merriam-webster.com](http://www.merriam-webster.com)

## ACRONYM OF THE WEEK

### NODES

#### Networks of Diasporas in Engineering and Science

NODES is a partnership between the U.S. Department of State, the American Association for the Advancement of Science, the National Academy of Sciences and the National Academy of Engineering that supports diaspora knowledge networks.

A diaspora is a community of people settled in a new geographic location away from their ancestral homeland. Diaspora knowledge networks include scientists, students, innovators and science policy experts originally from a specific country or region who are living elsewhere. Their common languages and experiences can build partnerships that promote scientific cooperation across countries, spur economic growth and innovation in their new homeland as well as in their country of origin, and advance U.S. international development goals.

NODES seeks to support science diasporas networks by:

- Sharing best practices and knowledge about science diasporas.
- Increasing visibility and viability of knowledge networks by identifying appropriate capacity-building tools.
- Catalyzing and strengthening science diaspora networks by linking to professional societies, universities, NGOs, and government agencies at home and abroad.
- Convening diasporas to share information and best practices at various fora.

For more information about NODES, visit the U.S. State Department website at <http://www.state.gov> or the American Association for the Advancement of Science website at <http://www.aaas.org>.

By **YVONNE JOHNSON**, APG News  
Source(s): <http://www.state.gov>; <http://www.aaas.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

# Gate procedure to enhance security measures

Continued from Page 1

tional security measure.

“This enables us to potentially pinpoint who is or has been on the installation at a given time,” he said. “With this [system] we can tell if [any particular] person came on post today.”

He said scanning eliminates the authenticity issue. One reason is because the Defense Manpower Data Center (DMDC), which maintains DEERS registration records, will pool all the records of data on APG personnel.

“Once those records are consolidated, we’ll go through the performance verification test for issues that need to be fixed,” Seay said. “Hopefully, by the time it’s finished, we should have a pretty good resource of everyone – Soldiers, civilians, family members, retirees and contractors – who use APG.”

He added that entry point cameras will be trained on license plates to correlate vehicles with drivers. “This is a big step forward from the command and control aspect,” he said.

From the perspective of access and security control, the advantages are many, he added.

“The hand-held scanners our security personnel use can only tell if the CAC card has a properly formatted bar code; it can’t tell if it’s a valid ID card. But the AIE can verify CAC ID cards as well as military ID cards and drivers licenses.”

Another advantage is the ability to rescind entry privileges as needed, he said.

“Right now, if a person is given a 30-day pass, and we have to rescind it for some reason, we have to physically locate that person to do it, whereas the new system allows us to accomplish that digitally.”

Seay said security guards will continue to man all access lanes and that AIE lanes will be clearly marked.

Construction at the APG North (Aberdeen) and APG South (Edgewood) entry gates is set to begin in September, and

is slated for completion in November, Seay said. During that time contractors will work on non-working lanes. Drivers should stay aware of lane changes and look for guidance regarding construction and closed lanes. Seay said no construction is planned during the morning commute period.

This program is being funded by the Office of the Provost Marshal General.

## AIE frequently-asked questions

**Q: If I have a CAC or family member ID card already, can I use it to get on the installation using the AIE system?**

**A:** Yes, at the time of installation, APG will receive a bulk registration data from the Defense Manpower Data Center (DMDC) responsible for DOD Identification cards. The data will be based on the duty (address of retirees and family members) zip code listed in the Defense Enrollment Eligibility Reporting System (DEERS). To assist in this process, everyone should make sure their DEERS records are up to date. These updates can be done through: [https://www.dmdc.osd.mil/milconnect/faces/index.jspx?\\_afLoop=4479642974505021&\\_afWindowMode=0&\\_adf/ctrl-state=zsoxj60le\\_4](https://www.dmdc.osd.mil/milconnect/faces/index.jspx?_afLoop=4479642974505021&_afWindowMode=0&_adf/ctrl-state=zsoxj60le_4).

This site is also used to update global email address contact information for government and military personnel.

**Q: How do I swipe my CAC or ID card at the gate?**

**A:** All CACs, retiree and family member ID cards have bar codes on the back. The bar code is swiped through the reader with the barcode facing left.

**Q: If I have a CAC and a retiree ID card do I have to register both?**

**A:** No. Once you are registered in the AIE system, both of your cards will work at the gate.

**Q: If I am not registered in the system, am I required to do so?**



U.S. Army photo

Construction for Automated Installation Entry devices similar to the one seen here at APG North (Aberdeen) and South (Edgewood) entry gates is scheduled to begin in September with completion set for November.

**A:** When you swipe your ID card, the system will validate your ID against the DEERS database. If your ID is valid, its credential number will be downloaded to the installation server.

**Q: Does everyone in my family have to register in the AIE system?**

**A:** No, only adult family members or teen drivers must be registered in the system.

**Q: What happens when I swipe my ID card?**

**A:** When you pull up to the gate there will be a camera located in the pedestal. The guard will be able to see your face. When you swipe the card, the following occurs simultaneously:

- The photo taken when you registered your ID card, or from your DEERS record, and the photo from the camera in the pedestal will appear on the monitor beside the

guard who will verify the match.

- An indicator will alert the guard if the ID card is valid
- A log of your entry time, including your photo and license plate number, will be maintained in the AIE system.

**Q: What if I have passengers?**

**A:** All passengers will have to present a valid photo ID.

**Q: Can active duty Soldiers register their family members?**

**A:** No. Individuals must register their ID cards in person.

Check future issues of the APG News for more information and updates about the pending implementation of the AIE (Automated Installation Entry) system at APG.

For more information, contact Seay at 410-278-4631, [samuel.e.seay.civ@mail.mil](mailto:samuel.e.seay.civ@mail.mil).

# Blood drive seeks to establish lifelong donors

Continued from Page 1

peace and war time. As a joint operation among between the Army, Air Force and Navy, the ASBP has many components working together to collect, process, store, distribute and transfuse blood worldwide.

“We want to build lifelong donors,” said Josh Montgomery, ASBP public affairs specialist and recruiter for the National Capitol Region. Montgomery said the ASBP is in the process of “right types collection.”

With the downsize in combat operations overseas, the Army is now focused on collecting most needed blood types, which include O positive and O negative.

According to the ASBP website, the

majority of the U.S. population- 38 percent- have type O positive blood, placing it in high demand. O negative blood is also essential because it’s considered the “universal donor” type; it can be given to anyone regardless of their blood type. It’s often used in emergency situations before a person’s exact blood type can be determined.

Montgomery said the Army is collecting other blood types, but in smaller quantities. All are encouraged to donate blood regardless of their type. The blood that is not needed immediately is often frozen and viable for up to 10 years, Montgomery said, adding that “the blood never gets wasted.”

“I’ll never turn away somebody who doesn’t know what their type is, because

we can always find it out,” he said.

To help make the donation process run smoothly, the ASBP recommends donors bring photo identification and a list of all foreign travel since 1980, as well as medications and immunizations taken in the past four weeks.

People who wish to donate blood to the ASBP must be at least 17 years old and weigh 110 pounds. Donors should also have been feeling well for the last three days, have eaten something prior to donating, and be well hydrated. Every donor will receive a complimentary t-shirt and refreshments.

Montgomery said he hopes the blood drive will not only help save lives, but will also encourage military members to donate blood themselves, or coordi-

nate a blood drive within their unit or organization.

“We [U.S. Army] are a family; we take care of our family,” Montgomery said. “About three percent of the general population donates blood. The U.S. military is about 11 percent. So we’re significantly higher than the U.S. population, but we can always get better.”

For more information and registration details, contact Capt. Nicholas Milano at 410-278-3000, or visit [www.military-donor.com](http://www.military-donor.com), sponsor code: APGMD.



# HIRED! gives purpose to summer break for teens

Continued from Page 8

“They are very energetic; there is never a dull moment,” she said. “And the kids are fun to be around.”

She added that she wants to be a good role model for her brother Rasaun Marshall, 13.

“I have a younger brother who looks up to me,” she said. “I want to show him that it is important to work hard, even at a volunteer job.”

## Imani Craig

Imani Craig, 16, assists summer camp counselors at the APG North (Aberdeen) youth center. This is Craig’s second summer apprenticeship at the youth center.

“When you work with children, they look up to you and you have that leadership responsibility,” she said. “I like that. Since I am closer to their age than the other counselors, everything I do is cool to them.



Craig

**“The HIRED! program helped me develop a work ethic. I have recommended this program to others. It is good to get out there and keep busy. It is something positive to do.”**

Jeremy Nin

HIRED! apprentice

They look to me for advice.”

Craig, who attended the youth center as a child, said she is considering studying psychology or sociology in college. She is entering her senior year at Joppatowne High School in the fall and is enrolled in the Homeland Security and Emergency Preparedness Program.

“You don’t realize how hard the counselors have it until you work there,” she said. “You gain a new respect for them. You appreciate what they do.”

Craig added that she participated in HIRED! to gain work experience and volunteer hours and that she learned valuable communication and job skills

over the past two summers.

“When you are 15 or 16 and you can’t find a good job, this is one of the things you can do,” she said. “Even if you don’t get paid, it is not about the money. You get skills to better yourself for life.”

## Jeremy Nin

Jeremy Nin, 16, is also in his second summer assisting counselors in the summer camp program at the APG North youth center. “The program



Nin

helped me exceed my required volunteer hours,” Nin said. “And gave me work experience.”

A junior at Perryville High School, Nin is considering studying business or pre-law in college.

“The HIRED! program helped me develop a work ethic,” he said. “I have recommended this program to others. It is good to get out there and keep busy. It is something positive to do.”

## About HIRED!

HIRED! offers a variety of job placements for the teen dependents of military and government civilians assigned to APG. Teens are placed under the direct supervision of a designated on-site mentor based on their skills and interests.

Teens interested in the 2016 HIRED! Program should submit their applications and register with CYSS by April 2016. For more information, contact Womack at 410-278-4589, [shirelle.j.womack.naf@mail.mil](mailto:shirelle.j.womack.naf@mail.mil). Teens can download application forms at [www.apgmwr.com/child-youth-school-services/hired](http://www.apgmwr.com/child-youth-school-services/hired), or apply in person at CYSS Central Registration, Bldg. 2503.

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Provided by the INTEL DIV/DPTMS

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



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- Discuss any aspect of military operations or planning.
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- Discuss FP measures, capabilities, or posture.
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Report suspicious activity immediately to APG Police!



APG (North & South): 410.306.2222  
Off Post in Maryland call 1-800-492-TIPS or 911

Card created by APG Intel



# FCA encourages new cadets to strive for success

Continued from Page 1

At the end of their first two weeks, the teens must decide if they want to stay in the program or leave. Those who elect to continue are inducted as cadets.

“These are the ones who have survived pre-challenge,” said FCA case manager Betty Leflore during the invocation that opened the crossover ceremony. “They were faced with many challenges, hardships, homesickness, injuries, mass punishment and the outdoor heat. But they made it.”

During the ceremony, the newly-inducted cadets walked across stage to receive congratulations from FCA staff members. FCA Director Charles Rose advised the cadets to foster a positive outlook.

“Attitude is a choice,” Rose said. “You choose to say the things you do. You choose to behave the way you do. You choose to do the right things.”

FCA counselor David Marsh wished the cadets continued success and reminded them of their responsibilities while enrolled in the program.

“We only ask one thing from you: to make sure you do all the work you’re supposed to be doing here,” Marsh said. “We will track you after you leave this program. So we expect you to follow directions, do what you’re supposed to be doing, and get your high school diploma.”

Rose said the academy procured a \$50,000 grant to fund a new computer lab and study materials which inaugurated on-site general educational development (GED) test completion for Class #45.

In addition to the GED, all cadets will take the Armed Services Vocational Aptitude Battery, a multiple aptitude test that measures abilities and helps predict future academic and occupational success in the military. Several FCA staff members are former military service members, and many FCA graduates go on to join the military.



A group of newly-inducted female cadets recite the Freestate Challenge Academy Honor Code during a Crossover Ceremony at the APG South (Edgewood) recreation center July 27. The honor code is meant to guide the cadets’ actions while at the academy, pledging to live honestly and respectfully and to be good representatives of the FCA.

Rose noted that approximately 84 cadets will complete vocational training in the coming weeks; double the number that participated during Class #44. He pointed out that the different types of skills cadets can learn while at the academy, include culinary, building maintenance, automotive, computer, piloting, and barbering.

“You have opportunity,” Rose said,

“to change your lives around and become what we call ‘productive citizens.’ Walking out of here with your GED is probably the biggest accomplishment you can make. But even more so I think, is knowing that you can do it, and that you have accomplished something,” he said.

After the induction, the cadets recited the Freestate Challenge Academy

Honor Code, which is meant to guide their actions while at the academy. They pledged to live honestly, respectfully, and to be good representatives of FCA.

Cadets who successfully finish the academy’s residential program will graduate from the FCA during a ceremony at the APG North (Aberdeen) post theatre Dec. 12.

Rose encouraged the cadets to stick with the program and asked how many of them plan to graduate in December. Nearly every cadet raised his or her hand.

“I expect every one of you to be there,” Rose said.

For more information about the FCA program, visit <http://www.mdmdildep.org/fca/>.

**Attitude is a choice. You choose to say the things you do. You choose to behave the way you do. You choose to do the right things.**

**Charles Rose**

Freestate Challenge Academy Director

## Did You Know?

### July 27 marked 62 years since the signing of the Korean Armistice Agreement that ended Korean War hostilities in 1953.

The Korean War, which began June 25, 1950, when North Korea invaded South Korea, officially ended July 27, 1953.

At 10 a.m., the document signers met in what would become known as the North Korea Peace Museum, a building specially-constructed for the signing, located in P’anmunj m, North Korea. U.S. Army Lt. Gen. William K. Harrison, Jr., senior delegate, United Nations Command Delegation; and North Korean Gen. Nam Il, senior delegate, Delegation of the Korean People’s Army and the Chinese People’s Volunteers, signed 18 official copies of the tri-language Korean Armistice Agreement.

The agreement marked the end of the longest negotiated armistice in history: 158 meetings spread over two years and 17 days. The truce went into effect 10 p.m. that evening.

The Korean Armistice Agreement is somewhat exceptional in that it is purely a military document—no nation is a signatory to the agreement. While it stopped hostilities, it was not a permanent peace treaty between nations. Essentially, it was designed to “insure a complete cessation of hostilities and of all acts of armed force in Korea until a final peaceful settlement is achieved.” Such a settlement has yet to be achieved.

Specifically, the agreement:

- Suspended open hostilities;
- Withdrew all military forces and equipment from a 4,000-meter-wide zone, establishing the Demilitarized Zone as a buffer between the forces;
- Prevented both sides from entering the air, ground, or sea areas under control of the other;
- Arranged release and repatriation of Prisoners of War and displaced persons
- Established the Military Armistice Commission (MAC) and other agencies to discuss any violations and to ensure adherence to the truce terms.

President Dwight D. Eisenhower, who was keenly aware of the 1.8 million American men and women who had served in Korea and the 36,574 Americans who had died there, played a key role in bringing about a cease-fire. In announcing the agreement to the American people in a television address shortly after the signing, he said, in part:

“Soldiers, Sailors and Airmen of 16 different countries have stood as partners beside us throughout these long and bitter months. In this struggle we have seen the United Nations meet the challenge of aggression—not with pathetic words of protest, but with deeds of decisive purpose. And so at long last the carnage of war is to cease and the negotiation of the conference table is to begin. . . . [We hope that] all nations may come to see the wisdom of composing differences in this fashion before, rather than after, there is resort to brutal and futile battle.”

**Yvonne Johnson, APG News**

Source(s) [www.history.army.mil/](http://www.history.army.mil/); <http://seoul.usembassy.gov/>; [www.wikipedia.org/](http://www.wikipedia.org/)



(Top left) Members of the 81-mm Mortar Platoon, Company D, 2nd Battalion, 5th Infantry Regiment, U.S. Eighth Army, blast Communist positions in Punchbowl, Korea, Aug. 12, 1952. (Top right) Seated delegates, U.S. Army Lt. Gen. William K. Harrison, Jr., senior delegate, United Nations Command Delegation, left, and North Korean Gen. Nam Il, senior delegate, Delegation of the Korean People’s Army and the Chinese People’s Volunteers, right, sign the Korean Armistice Agreement in P’anmunjom, North Korea, July 27, 1953.

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# APG SNAPSHOT

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

## SUMMER FUN FOR ALL



(Clockwise from top left)

Jadiel Thomas, 8, practices drawing during art time at the APG North (Aberdeen) youth center July 27; Janiyah White, 10, makes a move while playing Mancala with Briana Long, 10; A group of APG youth gather around to play a 4-person video game; Christine Le, 9, gets ready to serve while playing ping pong; Zayah Maylor, 8, draws a picture; Alexis Bushnell, 9, plays with the oversized checkers; Candice Cole, 10, left, shares a laugh with Gabrielle Anderson, 10, while making bracelets; Karisia Ocasio, 11, sits down with a good book.

Throughout the year -- and particularly during the summer months -- the APG North (Aberdeen) and APG South (Edgewood) youth centers offer a variety of age-appropriate activities for youth of all grade levels. For more information go to <http://www.apgmwr.com/>



## LITTLE MAN LIVES IT UP FOR SUMMER VACATION

Despite his best efforts, Little Man didn't get to cycle his way to victory during the 2015 Tour de France. A bike frame and second tire might have helped.

(Inset) Before he began training, Little Man sported a tropical shirt, hat and ukelele for a summer beach getaway.

A mysterious and well-dressed resident of APG, Little Man sits atop a drain pipe along Maryland Boulevard across the street from the commissary. His outfits change with the passing seasons and holidays.