



# APG NEWS

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

www.TeamAPG.com

THURSDAY, MAY 26, 2016

Vol. 60, No. 21

## Chamber luncheon honors Soldiers, family

By **RACHEL PONDER**  
APG News

The Harford County Chamber of Commerce paid tribute to the nation's armed forces and honored the Aberdeen Proving Ground NCO, Solider and Family of the Year during the 39th Annual Military Appreciation Luncheon at the Richlin Ballroom in Edgewood, May 19.

The chamber's Military Affairs Committee hosts the event in conjunction with APG Armed Forces Week activities. The theme of the program was "All Soldiers, all missions, always ready." In addition to the military winners, Gold Star Mothers and Vietnam veterans also were recognized.

Harford County Executive Barry Glassman welcomed attendees, noting that Harford County has a "wonderful partnership" with APG.

"We pay tribute to those men and women that still serve us today, our part-

See **SOLDIERS**, page 18

### inside

#### RESILIENCY

The APG Religious Support Office helps APG couples improve communication skills.

Relationships | 3

#### HEALTH

The DOD funds \$1.7 million in Zika research at military laboratories.

DOD | 7

#### VIETNAM

A former APG civilian recalls sense of camaraderie in 'Nam.

Vet | 8

#### PARTNERSHIP

ARL enters into a research agreement with Drexel University.

Army | 12

### online

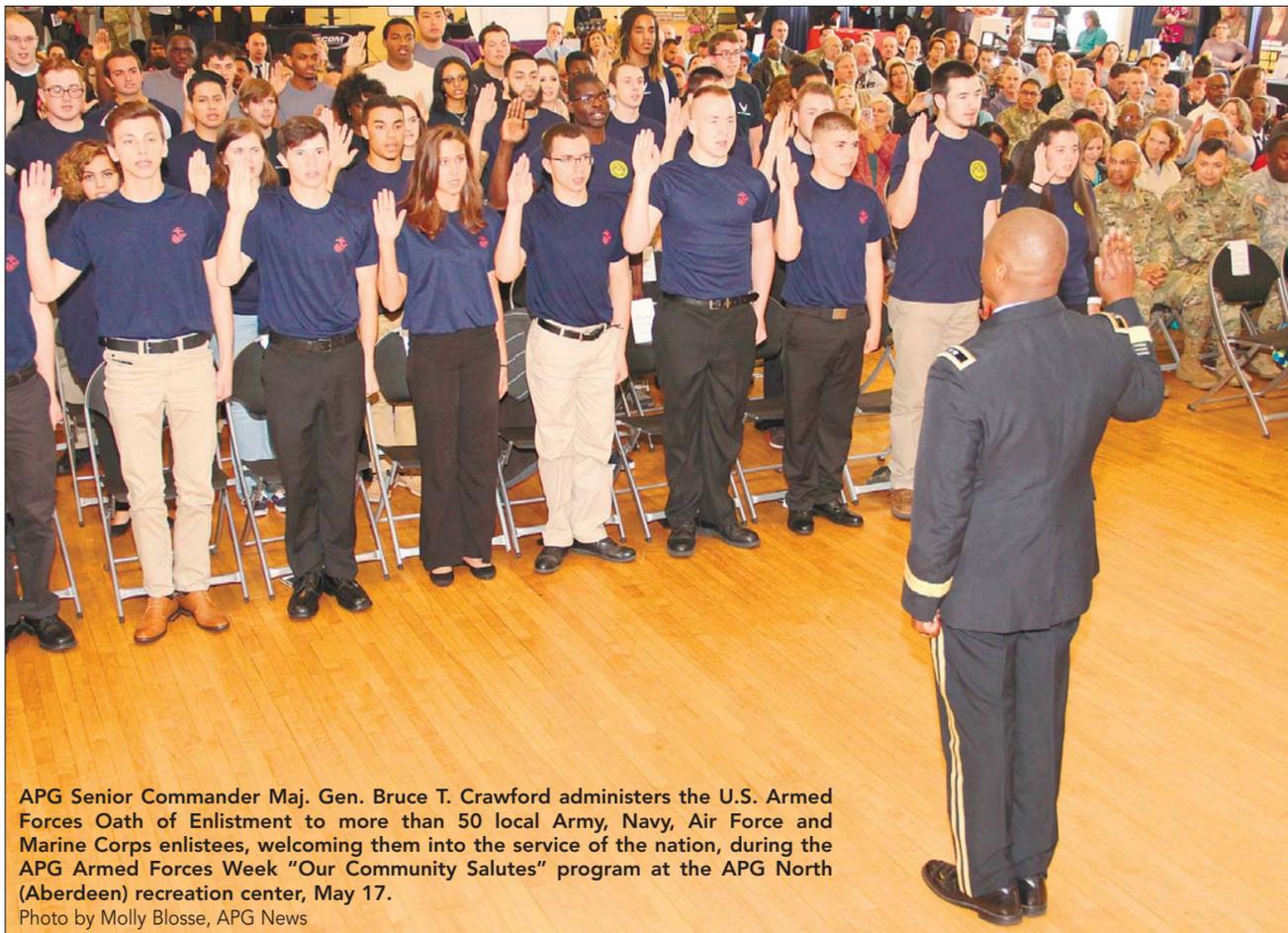
www.TeamAPG.com/APGNews

facebook.com/APGMd

twitter.com/USAGAPG

flickr.com/photos/usagapg/

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



APG Senior Commander Maj. Gen. Bruce T. Crawford administers the U.S. Armed Forces Oath of Enlistment to more than 50 local Army, Navy, Air Force and Marine Corps enlistees, welcoming them into the service of the nation, during the APG Armed Forces Week "Our Community Salutes" program at the APG North (Aberdeen) recreation center, May 17.

Photo by Molly Blossie, APG News

## APG salutes newest recruits

### Maryland teens take oath of enlistment during Armed Forces Week

By **YVONNE JOHNSON**

APG News

The APG Armed Forces Week celebration climaxed with a patriotic Our Community Salutes ceremony at the APG North (Aberdeen) recreation center, May 17, during which more than 50 young enlistees from local Army, Air Force, Navy and Marine

Corps recruiting stations were welcomed into service by an at-capacity crowd led by APG Senior Commander, Maj. Gen. Bruce T. Crawford.

Recalling the reasoning behind including enlistees in the salute, Crawford said, "It speaks to reaching out to those coming behind us and bringing those committing to serve in and thanking them."

"This is your official welcome to the most trusted profession on earth," he told the enlistees.

"You'll learn things like discipline and other values that your parents reinforced during your upbringing," he said, adding a quote from Gen. Dennis L. Via, commander of the

See **EVENT**, page 17

## Honoring the fallen and their families

As part of Armed Forces Week festivities at APG, more than 300 runners and walkers participated in the Run to Honor 5-mile run/5K walk at Shore Park, May 19. The run provided members of Team APG the opportunity to run in honor of a fallen service member.

Chief Warrant Officer 2 Ronald Wright, of the 20th CBRNE Command, writes the name of the fallen service member he is honoring on the Run to Honor sign before heading out on the run.

Photo by Yvonne Johnson, APG News



## ATEC hosts APG North Bike to Work Day



Cyclists participating in Bike to Work Day, or B2WD, on APG North (Aberdeen) pause for a photo before taking off on the designated post route May 18. In support of Clean Commute Month, B2WD is an event celebrated across the United States each May to showcase the many benefits of bicycling and to encourage more people to give biking a try.

Story and photos by **LINDSEY MONGER**  
ATEC

The U.S. Army Test and Evaluation Command, or ATEC, partnered with Harford County Government to host APG's fourth annual Bike to Work Day, or B2WD, on APG North (Aberdeen), May 18.

In support of Clean Commute Month, B2WD is an event celebrated across the United States each May to showcase the many benefits of bicycling; to celebrate the unique power of the bicycle; to encourage more people to give biking a try; and to highlight the many reasons to ride.

"B2WD is all about advocating and raising awareness for cycling as an alternative form of commuting," said Alan Doran,

See **BIKE**, page 17

### index

By the Numb#rs | 3  
APG History | 14

Mark Your Calendar | 6  
Crossword | 16

All Things Maryland | 9  
Did You Know? | 18

MWR Events | 10  
Snapshot | 19

# STREET TALK

**Monday, May 30 is Memorial Day. What does this holiday mean to you?**

It is a time to pay respect to those who gave their lives for our country. I used to attend a Memorial Day ceremony every year with my family. Now that I am older, I watch the ceremonies on T.V.



**Anna Field**  
Military spouse

It is a time set aside to recognize our fallen comrades. On Sunday, the veteran's ministry at my church [in Newark, Delaware] will hold a special event to pay tribute to the fallen and the Soldiers that are currently serving our country.



**Charles Porter**  
Retiree

It is a time to remember everything that the military has done for our country.



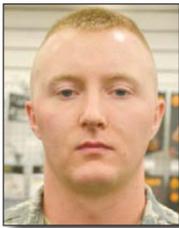
**Donna Doty**  
Retiree

By celebrating Memorial Day with ceremonies and events, it sends a message to our community and the rest of the world that we haven't forgotten about the Soldiers who have died while serving our country. It also shows their families that we appreciate the sacrifices they made. Memorial Day means a lot to me.



**Lavonne Telsee**  
Military spouse

On Memorial Day, I remember my uncles, several who were close to dying in combat. It reminds me of how precious life is and how we should remember those who have sacrificed their lives or were willing to sacrifice their lives for this country.



**Pfc. Kieran Jorgenson**  
A Battery, 3rd ADA

# Celebrate responsibly this Memorial Day

APG Army Substance Abuse Program

The APG Army Substance Abuse Program, or ASAP, would like for members of Team APG and their families to remember that 40 percent of traffic deaths in the United States involves alcohol or drug-impaired drivers and to avoid drinking and driving over the Memorial Day holiday.

"If you plan to drink, then use a designated driver or plan alternate means of transportation. If you plan to drive, don't drink," said Cindy Scott, ASAP prevention coordinator.

"Drunk driving is no accident—nor is it a victimless crime. Every year we continue to see far too many people suffer debilitating injuries or the loss of their loved ones as a result of impaired driving. There must be an urgency to remove impaired drivers from our nation's roads."

According to Scott, the human toll is only half the picture. She said alcohol-related crashes not only cost the nation billions of dollars each year, but drunk driving is a dangerous, serious, crime that can be a costly crime at best.

"Driving impaired is just not worth the risk," she said. "Not only do you risk killing yourself or someone else, but the trauma and financial costs of a crash or an arrest for impaired driving can be significant."

Violators often face jail time, the loss of their driver's license, higher insurance rates, attorney and court fees, time away from work, and dozens of other expenses. In addition, on May 19, Maryland Governor Larry Hogan signed "Noah's Bill" into law. Named for Montgomery County police officer Noah Leotta, who was killed by a drunk driver in 2015, the bill requires mandatory use of an ignition interlock device for



anyone convicted of drunk driving in Maryland. This includes "first-timers."

"Driving impaired is one of the most frequent crimes in America, killing someone every 39 minutes," Scott said. "Please remember over the holiday weekend and all the time, that there is no excuse for impaired driving. Alcohol, drugs and driving simply don't mix - don't take the chance."

For more information contact Scott at 410-278-4013 or email [cynthia.m.scott4.civ@mail.mil](mailto:cynthia.m.scott4.civ@mail.mil).

## Army allows Soldiers to wear headphones in gym

Story and photo illustration by **C. TODD LOPEZ**

Soldiers jogging or lifting in the gym may now be allowed to listen to music through small headphones or ear buds, according to Army Directive 2016-20, released May 6.

Acting Secretary of the Army Patrick J. Murphy signed a memo that authorizes Soldiers to listen to music on a variety of devices and ear pieces while doing personal physical training inside gyms, though the memo does give final word on the new policy to installation or unit commanders.

"Effective immediately, unless the unit or installation commander prohibits otherwise, Soldiers may use headphones, including wireless or non-wireless devices and earpieces, in uniform only while performing individual physical training in indoor gyms or fitness centers," Murphy wrote in the memo.

The headphones cannot be more than 1.5 inches in diameter and the memo states violators may be subject to administrative or disciplinary action under the Uniform Code of Military Justice.

To push music through "conservative and discrete" earpieces, Soldiers are also permitted to "wear electronic devices, such as music players or cell phones" on their waistband, in accordance with AR 670-1. That regulation says the color of the carrying case for such a device must be black.

The directive also permits Soldiers to wear a "solid black armband" to hold their electronic device, but only while in the gym or fitness center.

When Soldiers leave the gym or fitness center, however, the arm bands, the music devices and the headphones must be put away.



A new Army Directive, released May 6, 2016, allows Soldiers to wear headphones or earbuds while in fitness centers or gyms.

Sgt. Maj. of the Army Daniel A. Dailey said the new policy is something Soldiers have told him they wanted for a while.

"This change came about because Soldiers stood up at one of my town halls and asked about it," Dailey said. "If we can make changes that improve morale and they don't adversely affect discipline, I'm all for it."

The memo applies to Regular Army, Army National Guard and Army Reserve Soldiers. It's expected that the new rules regarding the wear of music devices and headphones in installation gyms will be incorporated into the existing uniform policy, AR 670-1, by the Army's G-1.

## Missing the paper?

APG News

If your organization is moving and would like to receive the paper at your new location, or if your organization would like to begin receiving the newspaper, send an e-mail to: [usarmy.apg.imcom.mbx.apg-pao@mail.mil](mailto:usarmy.apg.imcom.mbx.apg-pao@mail.mil) with the following information:

- The organization name and building number where papers should be delivered
- Approximately how many people work at or visit the facility
- The number of papers you would like to receive
- Any additional information

Please note that the APG News cannot deliver newspapers to every unit and facility. Delivery requests should be

submitted by units and organizations where a substantial number of people work or visit.

Requests for delivery do not guarantee approval. Each request will be screened and a decision will be made by the APG News, based on circulation numbers and unit need. Delivery at approved locations will again be assessed at a later date to determine if delivery will continue at that location.

Include "APG News Delivery Request" in the subject line.



## See Something

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

Provided by the INTEL DIV/DPTMS

## Say Something

INSTALLATION WATCH CARD

### DO OBSERVE & REPORT

- Suspicious activity or suspected surveillance.
- Unusual questions or requests for information relating to capabilities, limitations, or operational information.
- Unusual vehicles operating in or around APG.
- Unusual phone calls, messages, or e-mails.
- Unusual contacts on or off post.
- Unusual aerial activity near or around installation.
- Any possible compromise of sensitive information.

INSTALLATION WATCH CARD

### DON'T

- Discuss any aspect of military operations or planning.
- Discuss military capabilities or limitations.
- Discuss FP measures, capabilities, or posture.
- Disclose information about R&D and testing.

**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

# APG NEWS

The APG News, a civilian enterprise newspaper, is an authorized publication for members of the U.S. Army. Contents of the APG News are not necessarily official views of, or endorsed by, the U.S. government, Department of Defense, Department of the Army or the U.S. Army Garrison, Aberdeen Proving Ground. The newspaper is published weekly by the APG Public Affairs Office, ATTN: IMAP-PA, Building 305, APG, MD 21005-5001. Printed circulation is 5,200.

Everything advertised in this publication shall be made available for purchase, use or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation or any other nonmerit factor of the purchaser, user or patron. If a violation or rejection of this equal opportunity policy by an advertiser is confirmed, the printer shall refuse to print advertising from

that source.

Editorial content is prepared, edited and approved by the APG Public Affairs Office. The APG News is printed by The Baltimore Sun Media Group, a private firm in no way connected with the Department of the Army, under exclusive written contract with APG. The civilian printer is responsible for commercial advertising and mailing. To obtain a yearly subscription, which costs \$16, the price for weekly mailing, or for problems with incorrect mailing addresses, contact Customer Service at 139 N. Main Street, Suite 203, Bel Air, MD 21014, or call 410-838-0611.

The appearance of advertising in this publication, including inserts or supplements, does not constitute endorsement by the Department of the Army or The Baltimore Sun Media Group of the products or services advertised.

For advertising matters, call The Baltimore Sun Media Group, 410-332-6300. Send articles or information for publication to the APG Public Affairs Office, Building

305, IMAP-PA, APG, MD 21005-5001; contact the Editor Amanda Rominiecki at [amanda.r.rominiecki.civ@mail.mil](mailto:amanda.r.rominiecki.civ@mail.mil), contact Assistant Editor Yvonne Johnson, 410-278-1148 or email [yvonne.johnson5.ctr@mail.mil](mailto:yvonne.johnson5.ctr@mail.mil).

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

## Staff

APG Senior Commander ..Maj. Gen. Bruce T. Crawford  
APG Garrison Commander ..... Col. James E. Davis  
Public Affairs Officer ..... Kelly Luster  
Editor ..... Amanda Rominiecki  
Assistant Editor..... Yvonne Johnson  
Staff writers.....Rachel Ponder  
..... Stacy Smith  
Graphic Designer/Photographer ..... Molly Blossie  
Website ..... [www.TeamAPG.com/APGNews](http://www.TeamAPG.com/APGNews)

# Relationship training focuses on resiliency

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

Nine APG military and civilian couples focused on improving communication skills and strengthening relationships during a Couples Resiliency Training Program at the Embassy Suites in Baltimore, May 20.

The APG Religious Support Office, or RSO, hosted the event, which is based on the Preventive Relationship Enhancement Program, or PREP, which is used Army-wide. The training was funded by a grant request from the Army Office of the Chief of Chaplains, or OCCH, targeting the civilian workforce. Military couples also attended.

“APG has a large civilian workforce, and the same stressors Soldiers experience at home in their relationships are also ones that any employee can also experience,” said Garrison Chaplain Lt. Col. Arleigh vonSeggern, who has more than 30 years of experience counseling couples. Chaplain Assistant Sgt. 1st Class Tameka Dixon and a Military Family Life counselor, assisted vonSeggern.

VonSeggern said one program goal is to create an environment in which couples can feel safe and communicate freely. Building strong, resilient relationships is a readiness issue, he said.

“If the Soldier or employee is having relationship problems at home, it has a

tendency to impact their work performance as their thoughts are focused on that relationship,” he said. “If the service member [or civilian] is not focused on their job, they may not be prepared to deploy or even do their day-by-day functions.”

The training involved several activities designed to “break the ice” and encourage discussion.

During one activity, participants took a “Primary Colors Personality Profile,” and were grouped into color categories based on their answers. Red meant very competitive and opinionated, whereas a “green” personality type was considered a peacemaker. “Orange” personalities love being the center of attention, while “blue” people are very detail oriented and precise.

According to vonSeggern, people often fall in love and marry someone with an opposite personality type. Knowing and understanding your partner’s personality can strengthen the relationship and reduce conflict, he said.

Couples also practiced the speaker-listener technique. The person with the card “has the floor” and speaks without interruption, while their partner listens. After the speaker finishes, the listener must explain what the speaker said.

VonSeggern said the speaker-listener technique is one communication tool couples can use when they are discussing important topics.

**“APG has a large civilian workforce, and the same stressors Soldiers experience at home in their relationships are also ones that any employee can also experience.”**

**Lt. Col. Arleigh vonSeggern**

Garrison Chaplain



Daniel Garcia and his wife CW2 Victoria Ramage, with the 20th CBRNE Command, participate in a communication exercise during a Couples Resiliency Training Program hosted by the APG Religious Support Office at the Embassy Suites in Baltimore May 20.

During the afternoon session, Sonya Pietrogioacomo with the Aberdeen Proving Ground Federal Credit Union, talked about personal money management, an area of stress for many couples.

Attendees were given a deck of cards called “Money Habitudes,” and were asked to group cards based on their financial habits. After the cards were grouped, attendees got a better idea about their spending habits.

“It fostered some really good conversation,” Pietrogioacomo said.

Several couples said they found the training helpful.

CW2 Victoria Ramage, with the 20th Chemical, Biological, Radiological, Nuclear, Explosives Command, attended the training with her husband Daniel Garcia. They have been married for six months.

“It kind of helps you think a little bit

more about where your spouse is coming from, try to see it from both angles,” she said.

“We wanted to make sure we are on the right path,” he said.

Denise Thomas, with the Army Contracting Command-APG, said that she and her husband Donald Thomas wanted to learn different communication techniques. They have been married almost three years.

“I think what we have learned here will help us,” she said. “We plan to work on the speaker listener technique [at home].”

On June 23 and 24 the Religious Support Office will host a Faith & Family Dynamics Training for Soldiers and civilians assigned to APG. Lodging, child care and meals are provided. To learn more about this program, call 410-278-4333, or email arleigh.vonseggern.mil@mail.mil.



See more photos from events across  
Aberdeen Proving Ground, Maryland

<http://www.flickr.com/photos/usagapg/>

## BY THE NUMB#RS

### Blue Star Museums

Blue Star Museums have offered free admission to the nation’s active-duty military personnel and their families, including National Guard and Reserve, from Memorial Day through Labor Day.

**1 million+**

Number of U.S. children who have had at least one parent deployed. The Blue Star Museums program was created to support military families by offering them interesting and educational places to be together when many will have limited resources and time at home.

**700,000+**

Number of service members and their families who participated in the program in 2014.

**2,000+**

Number of participating Blue Star museums in all 50 states, the District of Columbia, Puerto Rico and American Samoa. These include children’s museums, fine art museums, history and science museums and nature centers.

**99**

Number of days Blue Star Museums offers free admission to its participating museums, from May 30, Memorial Day through Sept. 5, Labor Day.

**43**

Number of Blue Star Museums in Maryland. Participating museums include the Baltimore Museum of Art and local Havre de Grace Decoy Museum.

**6**

Number of years Blue Star Museums has been in operation. The program began in 2010.

By **STACY SMITH**, APG News

Source(s): <https://www.arts.gov/national/blue-star-museums#!MD>

# Comedy show brings laughs during Armed Forces Week

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

Members of Team APG enjoyed the closing act to the APG Armed Forces Week celebration during the GIs of Comedy show at the APG North (Aberdeen) recreation center May 19.

Led by GIs of Comedy founder and former Army Staff Sgt. Thom Tran, the traveling show of veterans and professional stand-up comedians travel the nation entertaining troops. The group also raises funds for the Special Operations Warrior Foundation, a military charity that raises college scholarship monies for children and families of the fallen.

The show featured Tran, a Vietnamese-American who, shot in the head and separated from the Army in 2005, still deals with the after effects of PTSD and traumatic brain injury.

“Comedy helped me so I want to help bring laughter to [other service members] too,” Tran said.

Another Iraq War vet and amputee, Joe Kashnow, of Baltimore, said he found ways to laugh about “getting blown up on a shopping trip for stuff we didn’t even need.”

He joked about losing his leg and having it buried: “Here lies a bit of Joe, more to come,” he laughed.

The final act featured Air Force retiree Walter Campbell who joked about everything from being the only African American in attendance at a NASCAR racing event to his choice of the best



Comedian Thom Tran chats with guests while handling GIs of Comedy t-shirt sales in the recreation center lobby after the show.

love song ever written, Marvin Gaye’s 1973 recording, “Let’s Get It On.” He demonstrated the songs universal appeal by singing it in English, Spanish and German, leaving the audience in stitches.

“They were great,” said APG retire-

ment services officer Betty Willard. “They had a little something for everyone. I really enjoyed them.”

According to its website, The GIs of Comedy – the core group consisting of Tran and fellow veteran comedi-

ans Jose Sarduy and Tom Irwin – seek to heal fellow Soldiers with comedy and bring laughter to all who have supported America’s armed forces.

For more information, visit [www.gisofcomedy.com](http://www.gisofcomedy.com).

## DPW to begin environmental sampling on APG South

APG Directorate of Public Works

Starting in late May, personnel on APG South (Edgewood) may notice small field crews taking environmental samples throughout the Canal Creek Area of the cantonment area. This work is to complete the final phase of the remedial investigation (RI) for the Canal Creek Study Area being conducted by contractors for the APG Environmental Restoration Branch.

The purpose of this sampling event is to advance these sites through the Comprehensive Environmental Response, Compensation, and Liability Act, or CERCLA, process, under the Installation Restoration Program managed by the Environmental Restoration Branch in conjunction with the U.S. Environmental Protection Agency, or EPA, and the Maryland Department of the Environment, MDE.

The planned work for the Canal Creek Area includes geophysical surveys and environmental media sampling (i.e., sampling of soil, sediments, surface water and groundwater). For purposes of managing the RI investigation, the Canal Creek Study Area has been divided into west and east sections, with the boundary between these two sections located at the Weide Army Heliport airstrip. Sampling in the east side of the Canal Creek Area is scheduled to begin May



Courtesy photo  
Team APG may notice crews like the one picture above taking environmental samples on APG South (Edgewood) starting next week

31 and proceed for several weeks. Areas to be sampled include sites adjacent to or near buildings assigned to the U.S. Army Edgewood Chemical Biological Center and the U.S. Army Medical Research Institute of Chemical Defense in the

E3100 through E3800 blocks. Sampling in the west Canal Creek Area, which will commence later in the summer, will focus on Canal Creek and its marshes, as well as various locations throughout the cantonment area that could be visi-

ble from many roads, including Hoadley, Magnolia and Wise Roads. The results of the sampling and analysis conducted as part of the RI will be evaluated in order to determine the nature and extent of contamination to environmental media from historical discharges. In addition, the data will be used to update any existing risk assessments to determine which sites will need to be further evaluated for possible remediation in feasibility studies.

All of the RI sampling and analysis will be conducted in accordance with a health and safety plan that was accepted by the APG Installation Safety Office. All sampling sites will be first screened by a UXO technician prior to any intrusive activities. In the event of an emergency, the contractors will immediately notify the Directorate of Emergency Services.

For 25 years, the APG Installation Restoration Program has been working with the EPA, MDE and the public, studying and addressing contamination on APG from past military activities with a goal of restoring APG lands to usable conditions.

Any questions on these field activities can be directed to Allison O’Brien, Canal Creek Study Area program manager for the Installation Restoration Program, 410-436-3767 or [allison.c.obrien.civ@mail.mil](mailto:allison.c.obrien.civ@mail.mil).



### Have a great idea for a story?

Know about any interesting upcoming events?

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

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

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

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



## Building relationships

On May 20, City of Aberdeen Mayor Patrick McGrady met with Col. James Davis, APG Garrison commander, and Larry Muzzelo, CECOM deputy to the commanding general, to discuss planned community events and partnership opportunities.

(Left) During a tour of the downtown area, McGrady, right, Davis, center, and Muzzelo, left, set the framework for cooperative events in 2017 to highlight the city's 125th anniversary and the Aberdeen Proving Ground centennial.

(Below) Muzzelo reads about renovation plans posted at the Aberdeen train station as McGrady and Davis look on during the leaders' visit.

Photos by Rick Scavetta, USAG APG



## SSCF program experiences Gettysburg leadership

### Defense Acquisition University

The 2016 Senior Service College Fellowship, or SSCF, cohort of 20 fellows from Aberdeen Proving Ground; Huntsville, Alabama; and Warren, Michigan, along with Defense Acquisition University, or DAU, program directors converged on Gettysburg, Pennsylvania, from May 18, through May 20, 2015 where they participated in a capstone leadership experience.

The Gettysburg staff ride was led by Dr. Paul Jussel, faculty member and lead historian at the U.S. Army War College. Throughout the Gettysburg experience, presentations, thought-provoking questions, and facilitated dialog focused on leadership topics that included leading and managing change, understanding intent, vision development, decision making, succession planning, acquisition, logistical considerations, and the impact of technology on the battlefield. Jussel framed each topic and posed questions that enabled the fellows to consider the multi-faceted dimensions of leadership, each of which is applicable in today's environment.

The Gettysburg experience began May 18, with a strategic overview presentation delivered by Jussel at the DAU-APG facility. Jussel's presentation provided the historical context for the Confederacy's invasion of the North and described the significance of the battle of Gettysburg. Afterwards, the fellows re-positioned to Gettysburg.

On May 19, Jussel started the morning with a stop at McPherson Ridge which was where the Battle of Gettysburg began on July 1, 1863. Subsequent stops in the morning included Oak Hill, Seminary Ridge, and the Peach Orchard where the discussion focused on the role of leaders, their subordinates, and the significant actions that occurred as a result of key decisions made by senior leaders.

After a brief lunch break at the histor-



Members of the 2016 SSCF Enterprise gather on "Little Round Top" near the Devil's Den during a visit to the Gettysburg National Military Park, May 19.

Photo by Mike Roche, DAU

ic Dobbin House, the staff ride resumed with visits to Devil's Den, Little Round Top; and near the center of the Union line which is marked with a monument to the First Regiment of the Minnesota Volunteers. The Soldiers of the First Minnesota stopped the final surge of Lt. Gen. James Longstreet's assault on July 2, 1863. Significantly, each of these stops were marked by close quarter combat and most importantly where crucial decisions were made by leaders, often with minimal information, and that led to a positive outcome for the Union forces.

Moving over to Seminary Ridge, the

fellows learned about the events that occurred on July 3, 1863 which was the third and final day of the battle. Near the center of the Confederate line on Seminary Ridge, the fellows discussed flexibility and agility in decision making, assessing the environment, contemplated the importance of planning, and reflected upon the responsibilities of leadership.

Afterwards, the fellows walked the route taken by the 12,000 soldiers from a multitude of Confederate units to include those from Maj. Gen. George Pickett's division. During the walk, punctuated by multiple stops, the fellows reflect-

ed upon the impact of actions and decisions made by senior leaders in an earlier era and considered their impending roles as future leaders within the acquisition workforce.

The final stop of the staff ride occurred at the Gettysburg National Military Cemetery where Jussel recited President Abraham Lincoln's Gettysburg address and discussed the many National Policy outcomes associated with his comments. The Gettysburg staff ride represented the culmination of the past ten months of leadership and acquisition training as well as provided the fellows with one final opportunity to meet as a cohort.



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

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

# MARK YOUR CALENDAR

## MORE ONLINE

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

### events&town halls

#### THURSDAY & FRIDAY JUNE 23 & 24

##### FAITH & FAMILY DYNAMICS RETREAT

The APG Religious Support Office will host a "Faith and Family Dynamics" couples retreat at Turf Valley in Ellicott City, Maryland June 23-24.

Lodging, child care and meals are included. Registration, by June 15, is required.

For more information, or to register, contact Chaplain Assistant Spc. Joseph Freeman at 410-278-4333 or [joseph.c.freeman25.mil@mail.mil](mailto:joseph.c.freeman25.mil@mail.mil).

#### WEDNESDAY AUGUST 3

##### JOB FAIR & EMPLOYMENT RESOURCE DAY

APG Army Community Service will host a Job Fair and Employment Resource Day open to the all members of Team APG and the general public at the APG North (Aberdeen) recreation center, Bldg. 3326, from 11 a.m. to 2 p.m.

The fair will include employers from local, state and federal government agencies and the private sector.

For more information, visit [www.apgmwr.com/upcoming-events](http://www.apgmwr.com/upcoming-events).

### meetings&conferences

#### THURSDAY JUNE 23

##### EEO FOR IMCOM SUPERVISORS

EEO will host a training for IMCOM supervisors at Bldg. 3147 from 8 a.m. to 4 p.m.

All supervisors attending will need to email and register with Charles Gilmore, EEO training coordinator, at [charles.l.gilmore3.civ@mail.mil](mailto:charles.l.gilmore3.civ@mail.mil).

On the day of the training, check the bulletin board in Bldg. 3147 for the classroom location of the training.

Maximum 50 people per class.

#### ONGOING

##### BIBLE STUDY CLASS

The Religious Services Office hosts a new Soldier and Family Christian Fellowship Bible Study Class 6:30 p.m. to 7:30 p.m., every Tuesday at the APG North (Aberdeen) chapel. Free childcare is included. The class focuses on biblical fellowship and outreach and encouragement through prayer and is open to the entire APG community. For more information, call 410-278-4333.

### health&resiliency

#### UNTIL FURTHER NOTICE

##### SMALLPOX VACCINATIONS UNAVAILABLE AT KUSAHC

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

For questions, call 410-278-5475.

#### ONGOING

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

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

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

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

p.m.

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

#### THURSDAY JUNE 2

##### MEN'S HEALTH INFO SESSION

The C4ISR Wellness Committee will host a Men's Health Informational Session at Bldg. 6000, Myer Auditorium, from 11:30 a.m. to 12:30 p.m. Guest speaker Dr. Sean P. VanZijl from Chesapeake Urology will provide an anatomy overview of the prostate, as well as, define signs, symptoms, and treatment options for an enlarged prostate (BPH), Low Testosterone (Low T), and Erectile Dysfunction (ED).

The session is open to all. Any contractors who participate in CECOM activities must not invoice any government contracts for time spent at these activities.

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

#### TUESDAY JUNE 7

##### ARMED SERVICES BLOOD DRIVE

Team APG will host an Armed Services Blood Drive at the APG North (Aberdeen) recreation center from 9 a.m. to 1 p.m. Walk-ins are always welcome, but appointments are appreciated. Make an appointment online at [www.militarydonor.com](http://www.militarydonor.com) and use sponsor code APGMD.

#### THURSDAY JUNE 9

##### FAMILY FUN, FITNESS AND NUTRITION INFO SESSION

The C4ISR Wellness Committee will host a Family Fun, Fitness and Nutrition Informational Session at Bldg. 6000, Myer Auditorium, from 11:30 a.m. to 12:30 p.m. This session will discuss how to make eating healthy and exercising fun for the whole family. You will learn tips on how to create healthy meals and fun activities the whole family can participate in, which will allow you to spend quality time together, as well as get or stay fit.

The session is open to all. Any contractors who participate in CECOM activities must not invoice any government contracts for time spent at these activities.

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

#### TUESDAY JUNE 21

##### HEALTHY EATING FOR THE SUMMER INFO SESSION

The C4ISR Wellness Committee will host a Healthy Eating for the Summer Informational Session in Bldg. 6001, 2nd floor, room 224 from 11:30 a.m. to 12:30 p.m.

Summer brings an abundance of fresh, delicious, and healthy food choices. In this session, you will learn the secret health benefits of some of summer's fruits and vegetables.

The session is open to all. NON C4ISR employees must bring their CAC CARD to gain access to the building. Any contractors who participate in CECOM activities must not invoice any government contracts for time spent at these activities.

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

#### ONGOING

##### KUSAHC CLOSED FIRST WEDNESDAY OF EVERY MONTH

Kirk U.S. Army Health Clinic believes the key to being the premier health and readiness platform is a professionally-developed workforce, and reinvesting in employees is an investment to their service to APG.

As such, KUSAHC will close the first Wednesday of every month for training purposes until further notice.

For more information, visit <http://kusahc.narmc.amedd.army.mil/SitePages/Home.aspx> or [www.facebook.com/KUSAHC](http://www.facebook.com/KUSAHC).

#### THURSDAY JULY 7

##### EDGEWOOD DENTAL CLINIC CLOSURE

The APG South (Edgewood) Dental Clinic will be closed Thursday, July 7. For more information, contact Sgt. Tracy Glover at [tracy.s.glover4.mil@mail.mil](mailto:tracy.s.glover4.mil@mail.mil).

#### THURSDAY AUGUST 11

##### EDGEWOOD DENTAL CLINIC CLOSURE

The APG South (Edgewood) Dental Clin-

ic will be closed Thursday, August 11. For more information, contact Sgt. Tracy Glover at [tracy.s.glover4.mil@mail.mil](mailto:tracy.s.glover4.mil@mail.mil).

### miscellaneous

#### TUESDAY MAY 31

##### SIGNAL CORPS SCHOLARSHIP APPLICATION DEADLINE

The Signal Corps Regimental Association, LTG Mallette Chapter, seeks to recognize Signal Soldiers through scholarship for their past achievements and to aid them in accomplishing their current goals. Applicants must be current Signal Soldiers or immediate family members and apply by May 31, 2016.

For more information and an application process contact Paul Terzulli at 443-395-8405, [paul.l.terzulli.civ@mail.mil](mailto:paul.l.terzulli.civ@mail.mil), or [mallette.scra@gmail.com](mailto:mallette.scra@gmail.com).

#### ONGOING

##### APG SOUTH 2016 WATER MAIN FLUSHING

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

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

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

For more information, contact Robert Warlick at 410-436-2196 or [robert.w.warlick2.civ@mail.mil](mailto:robert.w.warlick2.civ@mail.mil).

#### ONGOING

##### 2016 FIRE MARSHALL PROGRAM SCHEDULE

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

Upcoming class dates include:

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

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

#### ONGOING

##### 2016 FIRE EXTINGUISHER TRAINING

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

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

- **June 23** – APG South, Bldg. E4810

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

For more information, contact Ernie Little at 410-306-0583 or [ernest.w.little.civ@mail.mil](mailto:ernest.w.little.civ@mail.mil).

#### ONGOING

##### FIREWOOD AVAILABLE FOR SALE

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

#### ONGOING

##### 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 fourth Thursday of each month –except November – and the first Thursday in December, at the Dickson Hall (Ball Conference Center).

Much goes into the planning for these events. Event planners set up flag displays, write speeches, print programs, provide sound equipment and photography support and even create photo DVDs for each retiree.

Also, awards and decorations are presented to retirees and their spouses.

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.

After all, Uncle Sam wants to thank you. Don't you think you've earned it?

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

#### ONGOING

##### HARFORD COMMUNITY COLLEGE CYBERSECURITY PROGRAM

Harford Community College has announced a new cybersecurity program to prepare interested individuals – military and civilian – in an entry-level cybersecurity position.

The Cyber Defense Certificate program offers 39 credits, and prepares students for four industry-recognized certifications that include: Comp TIA's Net+, Security+, Linux+, and Cisco's CCENT. The program also awards credit for prior learning.

Classes are held at Harford Community College in the evening. Veterans and spouses are encouraged to apply. Enrollment for classes in the fall is currently underway.

For more information, contact Christine Brown at HCC at [chbrown@harford.edu](mailto:chbrown@harford.edu) or 443-356-0363.

## If you see it, report it

Aggressive driving has no place at APG

call **410-306-0550**



## Vanpoolers needed on APG North



There are several existing vanpools looking for riders as well as individuals looking to start vanpools for the following listed to the right.

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

#### APG North (Aberdeen) to:

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

#### APG South (Edgewood) to:

- ◇ - Baltimore, MD
- ◇ - Delaware
- ◇ - Philadelphia, PA

# Fanning takes oath as new SECARMY

By **GARY SHEFTICK**  
Army News Service

Eric Fanning was sworn in, May 18, as the 22nd secretary of the Army during a small Pentagon ceremony.

Fanning was confirmed, May 17, by the U.S. Senate. He was nominated by President Barack Obama for the position, Nov. 3, and served briefly as acting secretary of the Army until voluntarily stepping aside in January until the nomination process could be completed.

"It has been a long process to get here," Fanning said, "one that I don't think even the writers from 'House of Cards' could have scripted if they tried."

"But it's worth it," he continued. "This is a tremendous honor for me -- not just the appointment, but the opportunity to be secretary of the greatest Army in the history of the world."

As secretary of the Army, Fanning has overall responsibility for organizing, training and equipping Army forces.

"It's a responsibility I take seriously," Fanning said. He defined his job as making "sure you're recruiting the best, that you're training them properly and then equipping them with what they need to do the job right and to get them home."

Fanning, 47, served as chief of staff to Defense Secretary Ashton B. Carter from March 2015 until he was appointed by the president as undersecretary of the Army June 30.

Fanning served as acting secretary of the Air Force from June 21 to Dec. 30, 2013. Before that he was undersecretary of the Air Force. He also served as deputy undersecretary of the Navy from 2009 to 2013.

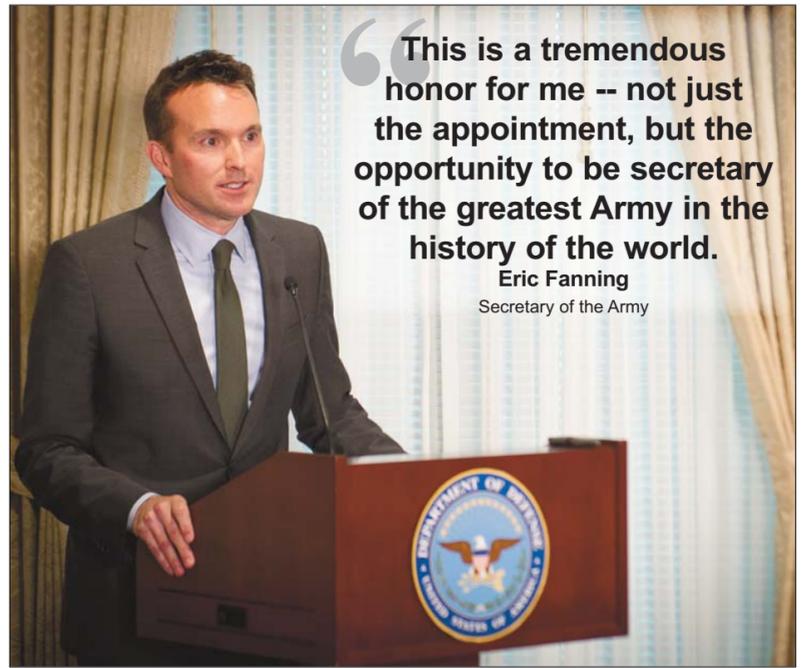
"Over the past several years, I've seen firsthand why Eric Fanning is one of this administration's most trusted and capable appointees and one of the Pentagon's most dependable civilian leaders," Carter said.

Carter administered the oath of office to Fanning, May 18, in the Pentagon.

"I look forward to working with him as he strengthens our Army, builds on its best traditions and prepares our ground forces to confront a new generation of challenges," Carter said.

Fanning thanked everyone in the room for helping him along the way. "They say it takes a village ... it took many villages to get me here," Fanning said.

Fanning said he is looking forward to "getting back to work" with Chief of Staff of the Army Gen. Mark Milley.



"This is a tremendous honor for me -- not just the appointment, but the opportunity to be secretary of the greatest Army in the history of the world."

**Eric Fanning**  
Secretary of the Army

Photo by John Martinez, HQDA

After taking the oath as secretary of the Army, Eric Fanning thanks those assembled in the Pentagon for their assistance and said he takes seriously his oversight of recruiting, training and equipping Soldiers.

# DOD funds additional Zika research

By **CHERYL PELLERIN**  
DOD News

The Defense Department is providing \$1.76 million in extra funding to military laboratories to expand Zika virus surveillance worldwide and assess the virus's impact on deployed service members' health and readiness, Navy Cmdr. Franca Jones said in a recent interview.

Jones, who holds a doctorate, is chief of the Global Emerging Infections Surveillance and Response, or GEIS, section of the Armed Forces Health Surveillance Branch in the Defense Health Agency's Public Health Division.

The enhanced Zika virus surveillance will involve 10 projects in 18 countries and territories by four lab partners based in the United States and five located overseas. These include the Walter Reed Army Institute of Research in Maryland and the U.S. Army Medical Research Unit in Kenya.

Jones said the labs receiving more Zika virus funds are part of the GEIS integrated worldwide emerging infectious disease surveillance network that includes core Army or Navy medical research labs in Egypt, Georgia, Kenya, Peru, Thailand, Cambodia and Singapore, and Army, Navy and Air Force labs in the United States, working in more than 60 countries around the world.

In the current fiscal year, she added, GEIS already has provided its network partners with more than \$51 million to support a range of emerging infectious disease surveillance programs.

## Mosquito-Borne Zika

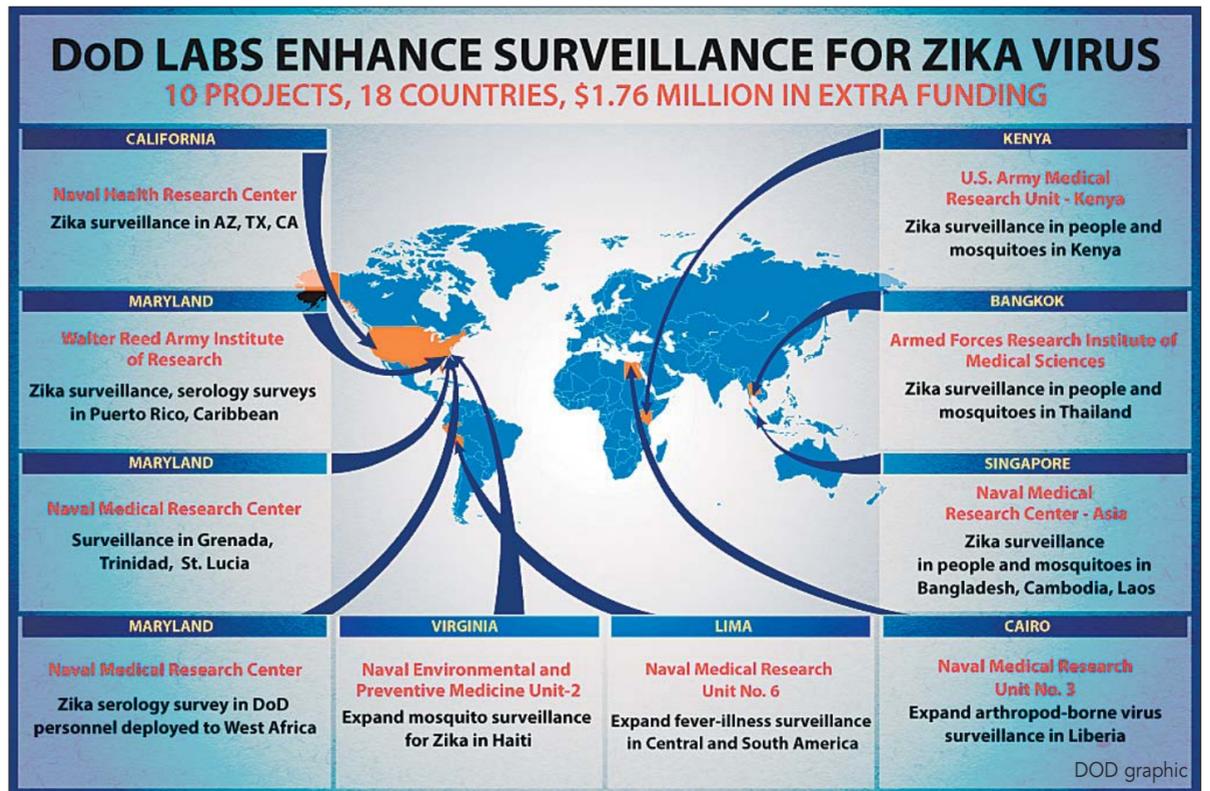
The Zika virus spreads to people through the bites of *Aedes aegypti* mosquitoes. They usually show mild symptoms -- fever, rash, joint pain and red eyes -- that last several days or a week, according to the CDC. But Zika virus infection during pregnancy can cause a serious birth defect called microcephaly and other severe fetal brain defects, the CDC says.

In May 2015, the Pan American Health Organization issued an alert about the first confirmed Zika virus infection in Brazil. Three months ago, the WHO declared Zika virus a public health emergency of international concern. Local transmission has been reported in many other countries and territories.

Zika virus likely will continue to spread to new areas, CDC says. Some 4,905 confirmed and 194,633 suspected cases had been reported in 33 countries and territories in the Western Hemisphere, according to an April 6 Armed Forces Health Surveillance Branch summary.

Jones said the DOD labs will use the Zika money provided by the branch's GEIS section for three kinds of surveillance studies. One will look retrospectively for Zika virus exposure among DOD personnel through serum repository samples. A retrospective study looks backward in time, in this case using serum samples of patients who had been deployed in areas with high rates of Zika virus infection.

The other surveillance studies will leverage existing work in the GEIS lab



network in different parts of the world to expand clinic-based surveillance for Zika virus disease among DOD and civilian populations, and expand testing for Zika virus in mosquitoes.

## DOD Serum Repository

The Defense Department collects a range of blood serum samples from all service members before, during and after their military service, and maintains the samples in the Armed Forces Health Surveillance Branch's Department of Defense Serum Repository. Serum is a clear fluid that's part of a person's blood. It's used in many medical diagnostic tests and in blood typing. The repository is the world's largest of its kind, with more than 60 million serial serum samples from more than 10 million service members.

For the retrospective Zika virus surveillance study, military virologists -- scientists who study viruses -- and public health officials will check the serum samples of service members stationed in the United States and in high-risk regions in the Caribbean and other places overseas. The scientists will be looking for prior exposure to Zika, dengue and chikungunya viruses, all of which are transmitted by *Aedes aegypti* mosquitoes. In recent years, according to CDC, dengue and chikungunya cases have begun to appear in the United States, most of them brought in from tropical urban areas of the world.

## Understanding Risk

"For the service members, I can talk from personal experience," Jones said. "Our blood is drawn when we enter active duty, prior to and following all deployments, and occasionally during acute illness for the purpose of storing in the serum repository, allowing for [later] analyses of a service member's serum over his or her time in service. So the

serum repository keeps a history of a service member's serum on tap."

She added, "When looking to understand exposure to our service members, the repository provides a unique resource for helping to determine if, when and where there was any exposure to a variety of pathogens."

This serum surveillance effort will examine 500 samples from service members stationed in Puerto Rico during a time when some of the viruses were transmitted, and 500 from service members deployed to West Africa, Jones said.

"We're trying to understand the baseline risk for service members," she added.

## Lines of Effort

Other lines of effort for surveillance for the labs include looking for Zika virus in mosquitoes in the Caribbean, East Africa and Southeast Asia, Jones said, and also looking for Zika virus in service members and in military beneficiary and civilian populations who go to medical facilities with a fever, medically known as a febrile illness.

The febrile surveillance will be done in the southwestern United States -- California, Arizona and Texas -- and in the Caribbean, Central and South America, East and West Africa and Southeast Asia, she said.

In mosquito surveillance, scientists capture mosquitoes in traps and take them to the DOD labs to be processed to get their genetic material for testing.

"By testing the genetic material, we can understand where mosquitoes are carrying the virus," Jones explained. "We won't necessarily be able to tell quantitatively the percentage of mosquitoes carrying the virus, but in relative terms we'll learn about the population that's carrying the virus, in what parts of the world, and the risk to DOD

populations."

## Febrile Illnesses

Human surveillance focuses on service members and military beneficiary and civilian populations who go to the hospital with febrile illnesses.

"Most of these are efforts where we are already conducting surveillance for other febrile pathogens," Jones said.

"For example we have a study in Peru, where they're already doing clinic-based febrile surveillance activities in South America. These are people in the population who come to the clinic with a febrile illness. Their blood will be drawn and sent to the [Naval Medical Research Unit No. 6 in Lima] for testing for Zika virus, along with other pathogens the scientists there have been looking for," she added.

## Protecting Global Force

Jones said officials don't know what they're going to find in the GEIS-funded effort. "It's very possible that the actual [number] of mosquitoes that are carrying the virus or the number of patients that we get is so small that the chance of finding something could be small," she acknowledged. But she said GEIS still wants to do the work, because the lack of Zika virus in the samples is also valuable information and helps to determine the risk to service members.

"For us in GEIS, because [infectious diseases can emerge anywhere], it's very important to us to understand what diseases are currently in what geographic locations in the world, and understand what disease may emerge and spread rapidly," Jones explained. "Our forces are present globally, and we need to make sure that they are able to complete their mission. Infectious diseases are one of the things that can impede their ability to do their mission."



Come and follow us <https://twitter.com/USAGAPG>



# MEMORIES OF 'NAM



## Vet says 'Nam gave a sense of purpose to his life

By **YVONNE JOHNSON**  
APG News

Robert T. Smith Jr., known as "R.T." to his friends, was born and raised in Havre de Grace, Maryland. With one sister and three brothers, R.T. said times were hard in the 1950s and he called his childhood "rough" with "good times few and far between."



**R.T. Smith**

Vietnam changed all that, he said.

R.T. graduated from the Havre de Grace Consolidated High School and was a custodial worker at the Perry Point VA Hospital when he was drafted. He enlisted right after, changing his status from draftee, or U.S., to enlisted, or RA.

"I went from US to RA just like that," he said.

He processed into the Army at Fort Holabird in Baltimore and went to Fort Jackson, South Carolina for basic training. It was 1966 and R.T. didn't know then that he would spend his military career in infantry, support, transportation and intelligence units.

He would also be called a hero.

### Battle of FSB Burt

While serving as a grenadier, first with the 1/5 Mehanized Infantry at Cuchi, then with the 2nd Battalion, 22nd Infantry - also known as the Triple Deuce - of the 25th Infantry Division, operating in Fire Support Base, or FSB, Burt, R.T. was on guard duty when a sudden rocket attack lit up the night. It was January 1968 and the Battle of FSB Burt had just begun.

According to [http://www.vietnam-tripledeuce.org/FSB\\_Burt.htm](http://www.vietnam-tripledeuce.org/FSB_Burt.htm), on the night of January 1 - 2, 1968, the 2-22 Infantry (Mechanized), 3-22 Infantry, and the 2-77 Artillery were involved in a massive human wave attack by four battalions of North Vietnamese and Viet Cong forces at a place called Fire Support Base Burt in Vietnam. Throughout the night, the 22nd Infantry, supported by artillery and helicopter crewman from the 187th and 188th Assault Helicopter Companies fought back against the enemy assault. By the next morning, American forces had repulsed the attack. When the firing stopped the next morning, the Americans emerged victorious. More than 800 enemy were killed while American losses were at 23 killed and 153 wounded.

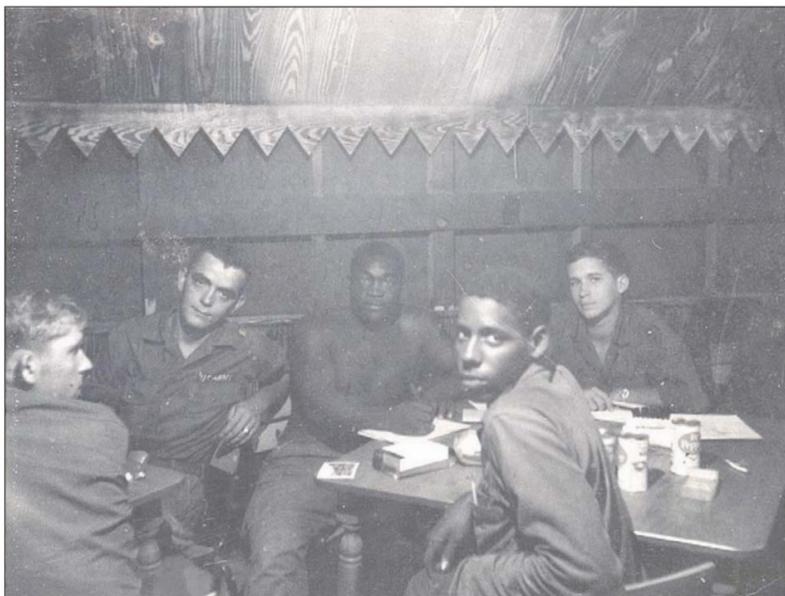
On this night, American forces responded with machine gun fire that shredded the enemy front lines but the enemy kept coming. R.T. said he repeatedly dropped M79 grenade launcher rounds into their midst but they still kept advancing.

Enemy mortars and rockets were weakening their defenses, so R.T. and two others volunteered to go outside the perimeter to a listening post, or LP, where communication had been knocked out and the radio handlers had been wounded. When one team member was wounded and had to return to the base, R.T. and the remaining Soldier crawled forward to the LP where they found two wounded comrades in the small, dug-in bunker. R.T. reestablished communications and was treating the wounded when two enemy soldiers approached.

Covered with blood from the wounded, R.T. and the others played dead. The enemy soldiers departed but soon returned when they couldn't penetrate the perimeter due to 50 cal machine gun fire. Still thinking everyone was dead, the enemy soldiers pushed back into the jungle the way they came.

R.T. leaped up and activated Claymore mines already in place, and then called for fire on the position.

He said he knew the gun ships hit their mark when he heard the enemy soldier's screams. The next day, R.T. said he was wounded in the leg while pulling Soldiers



(Left) Robert "R.T." Smith, second from right, relaxes with friends in the "Tie One On" club in Tay Ninh, South Vietnam near the 2nd Battalion, 22nd Infantry, (Triple Deuce) Fire Support Base in 1968.

(Below) Spc. Robert "R.T." Smith of Havre de Grace, Maryland is awarded the Bronze Star Medal with V-device for pulling several Soldiers under cover during a mortar attack during the Battle of Fire Support Base Burt.

Courtesy photos

under cover during a mortar attack.

He was awarded the Bronze Star medal with V-device for his actions in that attack.

R.T. said volunteering for missions and facing fire to save his comrades was not heroic, just the right thing to do.

"When I was over there, I had nothing to live for," he said. "I felt like the only family I had was the military."

There wasn't anything he wouldn't do for fallen comrades, he added, and nothing his friends wouldn't do for him.

"It was tight," he said of the sense of camaraderie.

He recalled facing scary situations during firefights at places like Black Virgin Mountain inside the Iron Triangle and rolling through the Mekong Delta in his armored personnel carrier, or APC, and laughing just about everything negative off with his buddies. R.T. said service in 'Nam gave him a thirst for living that he didn't have when he got there.

### Life after 'Nam

From 'Nam, R.T. went to Fort Hood, Texas where he grabbed every opportunity to "do something different."

While in 'Nam, he had visited Australia and made friendships there that still exist today.

"I still have friends in places like Hong Kong and Tokyo," Smith said. "One day, I want to go back to Vietnam before I die."

He said he went from Infantry to maintenance and then became a military police escort officer working the prison system, escorting prisoners between the U.S. Army Corrections Facility at Mannheim and other federal facilities.

R.T. earned two Meritorious Service medals for heroism and unit and presidential certificates, but somehow his papers were lost and he never received his Purple Heart Medal.

In 1970, he left active duty and entered the Maryland National Guard. A staff sergeant by then, he worked maintenance in mobile aircraft command elements, or MACE, with the 1729th Field Support Maintenance Company at Havre de Grace and the 29th Combat Aviation Brigade at Edgewood.

His fondest memory took place when while working recruitment and retention in Havre de Grace he stood up to a lieutenant who was mistreating a private. He said the late Maj. Gen. Warren D. Hodges heard about the incident and stood up for R.T. who was taking heat from his superiors about the incident. He said he was frustrated by the lack of support and he was contemplating getting out. The next think he knew, his commander came to him and told him Hodges said if he allowed R.T. to leave heads would roll.

"He asked me what he could do to keep me in and I told him to get me out of recruiting and stay off my back," he chuckled.

### Civilian Service



R.T. retired from the MDNG in 1990 and went to work as a civilian at the Edgewood motor pool.

An avid outdoorsman, he became well known throughout the state as a champion archer. Smith was named the Best Archer in Maryland 13 times and won three state titles. He constantly was in the local papers and has photo albums full of newspaper clippings of his competitions and awards. He said he still maintains about \$40,000 in archery equipment and he sometimes mentors Boy Scout troops on archery ranges.

"I just share what I know about range safety and tell them to have fun," he said. "That's what life's all about."

A widower, R.T.'s wife, June, was the former Equal Employment Opportunity manager for the APG Garrison. They both retired in 2004.

When he thinks back on 'Nam, R.T. said he's resigned to believe it was, "a war we couldn't win."

"They sent us just to flex political muscle," he said. "They learned nothing from the French. I had no problem with the Vietnamese. How can you blame people for fighting for something they

believe in? If anything, I had a problem with our Congress."

He said he enjoys sharing his life philosophy with young people. As bad a reputation that they have about manners, they still listen, he said.

"I tell them you have a long life in front of you. Stay out of trouble, experience as much as you can, and enjoy life."

R.T. is 100 percent disabled due to complications from Agent Orange exposure and post-traumatic stress disorder, also known as PTSD, as well as diabetes, but he still tries to get out to hunt or go fishing every once in a while. He is a patient at the Vet Outreach Center in Aberdeen where he's made even more friends and he's a lifetime member of Disabled American Veterans; Vietnam Veterans of America; and Veterans of Foreign Wars.

"To a certain extent, I am proud to be an American," R.T. says. "It's just that they didn't make it easy for us to be proud in the 60s. When I came back here, they weren't happy with Soldiers. And my [second] wife was white, which was unheard of in Maryland. So it's been a tough love. But I do love this country and I'm proud of my service."

## 5 ways to reuse your copy of the APG News

1. Protect fragile items before storing them or sending them in the mail.
2. Line pet cages or litter boxes to keep them tidy.
3. Save the counter from a gluey, glittery mess during your next craft project.
4. Clean glass or windows for a streak-free shine.
5. Make a weed barrier in a flower bed or garden before laying new topsoil.



# ALL THINGS MARYLAND

## Bollman Iron Truss Bridge

Historic landmark is last iron truss bridge of its kind



By **STACY SMITH**  
APG News

When Marylanders think of iconic state bridges, the Francis Scott Key Bridge, commonly referred to as simply the Key Bridge, probably comes to mind. The steel, arch-shaped structure spans the Patapsco River and is the third longest span of any continuous truss in the world.

More than 100 years before the Key Bridge was erected, however, an obscure Maryland truss bridge made engineering history.

The Bollman Iron Truss Bridge located in Savage is the world's only surviving example of the distinctive iron truss system pioneered by self-taught engineer Wendel Bollman for the Baltimore and Ohio, or B&O, Railroad. Bollman was awarded a patent for his unique design known as the "Bollman truss" in 1852.

An unusual blend of cast-iron and wrought-iron bracing gives the two-span, 160-foot-long bridge a spider-web look.

Bollman, who was responsible for the maintenance of track and structures, designed the iron bridge to replace poorly constructed wood and stone bridges on the B&O Railroad. Its independent structural units were an improvement over wooden structures because they lessened the possibility of structural failure.

Composed of individual groups of iron parts arranged in the form of a triangle, Bollman truss bridges were the first successful all-iron railroad bridges used in the United States. Its revolution-

ary design, a combination truss and suspension bridge, signaled the widespread use of iron trusses for railroad and later roadway use. More than 100 of these bridges were built between 1850 and 1870, mostly on the B&O, and many came under frequent enemy fire during the Civil War.

Though far more durable than the wooden bridges they replaced, most of Bollman's truss bridges have not survived due to changes in railroad equipment, rather than structural flaws. New technologies in the late 19th century made inexpensive steel the more practical option for railroad bridge construction. The new material allowed railroads to carry heavier locomotives, making wrought and cast iron bridges obsolete.

The Bollman Iron Truss Bridge was constructed on the B&O's main line but was moved to its present location over the Little Patuxent River in 1887, when the railroad opened a spur line to Savage to service a busy cotton mill. It remained in service until the mill closed in 1947. Restored in 1968 and now used as a pedestrian bridge in Historic Savage Mill, it is a National Historic Landmark.

**The Bollman Truss Railroad Bridge in Savage, designed in 1852 by engineer Wendel Bollman for the B&O Railroad, is the sole surviving example of the revolutionary, 'iron truss' architectural design.**

Courtesy photo: <http://www.roads.maryland.gov/PictureLibrary/Images/oppe/BridgeBook/big/bollman.jpg>



# Swimmer asks Prince Harry to give gold medal to hospital that saved her life

By **SHANNON COLLINS**  
DOD News

After Britain's Prince Harry presented Army Staff Sgt. Elizabeth Marks with the four gold medals she had earned in swimming at the 2016 Invictus Games, May 11, Marks asked him to present one to the Papworth Hospital in London, where the staff saved her life two years ago while she was there to compete in the inaugural games.

"It was my chance to thank everybody. They ultimately saved my life," said Marks, who earned gold medals in the 50-meter backstroke, 50-meter breaststroke, 50-meter freestyle and 100-meter freestyle.

During the closing ceremony for the Invictus Games, Prince Harry said he was inspired by athletes like Marks who showed courage to make it to the starting line and give it their all.

"The competition has been fierce, with performances at the highest international standard across a number of events, but what inspired me was the courage to make it to the starting line, to take to the field or to dive into that pool, motivated by the goal of giving your all, medal or no medal," he said to the athletes. "You showed your families, your friends and yourselves just how far you've come regardless of the results. I know by your nature you all want to win, but these games are so much more than that. Invictus is so much more than that.

"What is the force that drives Elizabeth Marks to return to these games after nearly dying two years ago to compete now at the highest level in a sport that renders her blind and faint, Invictus," he continued. "You are all Invictus. You are all now ambassadors of the spirit of these games. Never stop fighting, and do everything you can to lift everyone around you."

When Marks landed in London for the 2014 inaugural Invictus Games, she went into respiratory failure and had to be put on life support. She was placed on a machine known as ECMO -- extracorporeal membrane oxygenation, which works as an external lung -- for 10 days in an induced coma.

Her older brother, Jacob Marks, was by her side.

"It was terrifying," he said. "I felt very lucky to be there, though, to be there by her side. I will be forever grateful. There was a huge team around her, and she received great care at Papworth. I don't know anywhere else where she would've gotten that kind of care. I feel very lucky she was where she was and got the care she got. She may not have made it in a lot of other places."



Photo by Air Force Staff Sgt. Carlin Leslie  
**Prince Harry presents a gold medal to U.S. Army Staff Sgt. Elizabeth Marks at the 2016 Invictus Games in Orlando, Fla., May 11. Marks won the gold medal with a time of 42:67 seconds. The Invictus Games is an international Paralympic-style multi-sport event created by Prince Harry for wounded, injured or sick armed services personnel and their associated veterans.**

Marks said she was so grateful for the care she received that she wanted the hospital to have one of her gold medals.

"It's the only way I could really thank them for saving my life," she said. "These gold medals are a direct reflection of all the love and support I've had. It's not so much that I've earned them, but that the Invictus team has earned them as a whole."

### Invictus, Take 2

Marks said getting to compete in Invictus this time was a chance for her to thank her friends and family for the love and support they've shown her throughout her recovery.

"When I was on life support, they took the time to send me pictures and to send me love," she said. "When I woke up off life support and out of my coma, it meant everything to me, and I cried like a baby. It felt like I wasn't absent from it. It felt like a part of me was there, because I was there with my friends and the people I love. I consider them my family. It means everything to me to be able to do that again."

Marks said athletes from many nations have supported her on her journey.

"Athletes from every country have supported me. The French have been super supportive, the Netherlands, the [United Kingdom], they've all reached out and shared love with me on my whole athletic journey and my journey through recovery," she said. "There's no country or service branch barrier. It's just, 'You're a Soldier, and we love you.

We hope you're OK,' and that's meant the world to me."

### Family support

Marks' sister, Maggie Cook, said it was a treat to see her sister compete professionally for the first time. "It was indescribable," she said.

"It's a huge treat, and with the Invictus spirit in the air, she's just really incredible."

Cook said she's proud of how far Marks has come since London.

"She's really pushed hard and done a good job."

Marks said she was happy to have her family in the stands, cheering her on.

"At the last Invictus Games, my brother had to watch me in [the intensive care unit] on life support, so this was nice for him to get to see that I'm OK," she said. "And it's wonderful because my sister is pregnant, so my beautiful baby niece got to come and see her aunt swim. It's really nice I got to share what I actually do for a living now."

Jacob Marks said he's proud of his baby sister, and that sometimes it feels like she's the older sister.

"I look up to her like she's my older sister -- she's a great mentor," he said. "She's always working so hard and stays positive. It makes me want to be a better person."

### Road to Rio

Marks originally injured her hips during a deployment to Iraq in 2010, while serving as a medical assistant. She's

had three hip surgeries, and due to decreased mobility in her legs, she is Paralympic-eligible.

Since London, Marks broke her own American record in the 200-meter breaststroke and won four gold medals and two silver medals at the California Classic meet. In addition to setting the world record in the 50-meter breaststroke in January, she also broke the American and Pan American records in the 200-meter breaststroke with a time of 3:17.89. She broke Jessica Long's SB7 world record in the 50-meter breaststroke with a time of 41.21 seconds.

She was also the first swimmer and first woman in the Army's World Class Athlete Program. She encourages others to join the program.

"Now that we have a route, I want more people to come down to it with me. It's life-saving, life-changing and it's beautiful. I want to share it," she said.

In September, Marks said, she hopes to represent the Army and her country at the 2016 Paralympic Games in Rio de Janeiro, which has been her goal since the very start of her Paralympic swimming career.

"I have the trials at the end of June, and I'm very nervous," she said. "Hopefully, I'll be able to earn a slot. I've been training very hard and trying very hard to get to Rio. Hopefully along that path, I'll be able to encourage more Soldiers to get into the pool because everyone's welcome."

Marks said she encourages all disabled service members and veterans to give adaptive sports a try. She said she continues to swim as a way to thank her fellow service members for their service.

"There's not a second I get into that pool or under the block that you guys aren't on my mind," she said. "Every time I swim, it's quite painful, but the pain is nothing compared to the sacrifice that my brothers and sisters make every day, so it's my way to carry them with me. You guys push me and drive me and make me believe in what I'm doing. It's not for a medal or a time. It's for a lot more than that."

Marks said she thanks everyone who has supported her and continues to support her on her journey.

"I'd just like to thank Prince Harry for the Invictus Games," she said. "I'd like to thank the U.S. Army for standing behind every second of every recovery I put you through, and for all of the veterans who maybe haven't come out yet. I want to thank you for your service, for your dedication, for your country. I love you and care about you, and I hope you can come join me."



# MORALE, WELFARE & RECREATION

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

## Upcoming Activities

### SAVE THE DATE SWIMMING POOLS OPEN ON WEEKENDS STARTING MAY 28

The Olympic Pool on APG North (Aberdeen) and Bayside Pool on APG South (Edgewood) will open on Saturdays and Sundays starting May 28. Hours of operation will be 11:30 a.m. to 7 p.m.

Pool entry is free to active-duty service members and their families.

For more information about pool passes, daily entry and full summer hours, visit [www.apgmwr.com](http://www.apgmwr.com).

### ARMY/NAVY GAME TICKETS DEC. 10

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

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

### LEISURE & RECREATION ABERDEEN IRONBIRDS DISCOUNT TICKETS

Tickets are available for the following games:

- June 27 vs. Connecticut Tigers (affiliate of the Detroit Tigers)
- July 28 vs. Mahoning Valley (affiliate of the Cleveland Indians)
- Aug. 20 vs. Vermont Lake Monsters (affiliate of the Oakland Athletics) \*post-game fireworks\*

All games start at 7:05 p.m. at Ripkin Stadium in Aberdeen. Tickets are \$12 each for terrace box seats. Tickets are available until sold out.

To purchase tickets please visit MWR Leisure Travel Services at the AA Recreation Center, Building 3326. For questions call 410-278-4011/4907 or email us at [usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil](mailto:usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil)

### CHILD & YOUTH SERVICES FAMILY MOVIE NIGHT JUNE 10

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

This family movie night will feature "Norm of the North" at the APG North recreation center starting at 6 p.m. The free event will include a craft and giveaways. Food and drinks will be available for purchase.

For more information, call 410-278-4011.

### FAMILY MOVIE NIGHT JUNE 24

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

This family movie night will feature "Kung Fu Panda 3" at the APG South recreation center starting at 6 p.m. The free event will include a craft, giveaways, snacks and refreshments.

For more information, call 410-278-4011.

### PARENT & CHILD KAYAK EXCURSION JUNE 25

2 - 3:30 p.m.  
Spesutie Island Marina

Open to all eligible MWR patrons. Parent or guardian must be at least 18-years-old. Cost is \$40. Registration required, deadline is three days before class. Five days prior to class, excursion must meet minimum participants to take place. For more information, or to register, call 410-278-4124/5789/2134/2135 or email [usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil](mailto:usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil).

### KIDZ ART SUMMER WORKSHOP JUNE 27-30

1-3 p.m.  
Corvias Community Center

Age 5-12. This class will introduce students to a variety of mediums and methods including drawing, painting, and collage. Students will learn and practice basic skills to include color mixing, painting with artist paint brushes, drawing with pencil, marker pastel and more. At the end, there will be a presentation for parents of the artists. Cost is \$40.

For more information, contact Shirelle Womack at [shirelle.j.womack.naf@mail.mil](mailto:shirelle.j.womack.naf@mail.mil) or call 410-278-4589.

### KINDERJAM

KinderJam is a new, fun and exciting high-energy preschool learning program that emphasizes the kinesthetic learning of preschool concepts. Our classes are designed to enrich children from ages 1 to 5 years old (younger siblings are always welcome). KinderJam focuses on introducing and reinforcing basic preschool skills in a spirited manner that will capture and hold your little one's attention from beginning to end. For more info, log on to [www.kinderjam.com](http://www.kinderjam.com).

One Free Trial class per child. Parents are required to attend.

Full class schedule coming soon.

Free trial ages: 1-5 yrs

For more information, contact [shirelle.j.womack.naf@mail.mil](mailto:shirelle.j.womack.naf@mail.mil) or call 410-278-4589/3250.

### ARMY COMMUNITY SERVICE REUNION/ REINTEGRATION TRAINING JUNE 9

1:30- 4:30 P.M.  
Aberdeen Main Post Chapel, Bldg 2485

Recently returned home from deployment? Learn strategies and resources to help navigate the reintegration phase of deployment and make the readjustment process go as smoothly as possible. Family members are invited to attend. For additional information, please call Army Community Service at 410-278-2180

### SPORTS & RECREATION BINGO MONDAY & WEDNESDAYS

Doors open at 4 p.m.  
APG Bowling Center

Session Bingo is now at the APG Bowling center Monday and Wednesday evenings. Doors open at 4 p.m. Early-bird games start at 5 p.m. with a cash pay-out of \$25 per game. The session program begins at 6 p.m., consisting of 8 games paying out \$50 for each game. There will also be two nightly progressive jackpot games, the first paying out \$200, the second paying out \$500.

For more information, call 410-278-4041.

### GREENS KEEPERS REVENGE JUNE 4

9 a.m.  
Exton Golf Course  
18 hole event. Cost is \$30 for annual patrons, \$35 for authorized patrons, \$40 for guests. Pre-register at the Exton Clubhouse.

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

### TURKEY SHOOT MAY 21

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

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

RSVP to Outdoor Recreation Bldg. 2184 or call 410-278-4124/278-4360 or email: [usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil](mailto:usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil)

### KAYAK CLASSES JUNE 9 & 10

JULY 13 & 14  
AUGUST 11 & 12  
6 - 8:30 p.m.

Spesutie Island Marina

Cost is \$60 per person. Open to all eligible MWR patrons. Registration required, deadline is three days before class. Five days prior to class, excursion must meet minimum participants to take place. For more information, or to register, call 410-278-4124/5789/2134/2135 or email [usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil](mailto:usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil).

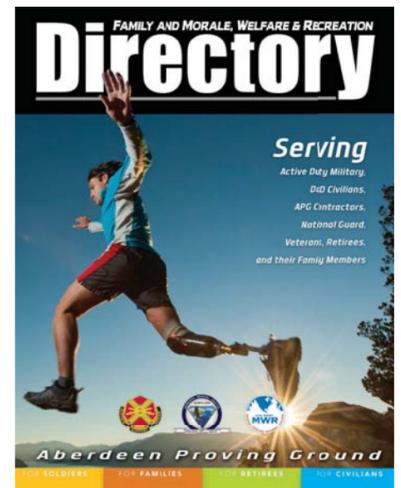
### KAYAK EXCURSIONS JUNE 25; 8 - 11 A.M.

JULY 29; 6 - 8:30 P.M.

AUGUST 27; 8 - 11 A.M.

Skippers Point

Cost is \$40 per person. Open to all eligible MWR patrons. Registration required, deadline is three days before class. Five days prior to class, excursion must meet minimum participants to take place. For more information, or to register, call 410-278-4124/5789/2134/2135 or email [usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil](mailto:usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil).



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

## REUNION AND REINTEGRATION TRAINING

June 9, 2016  
1:30-4:30PM



Aberdeen Main Post Chapel, Bldg. 2485

Recently returned home from deployment? Learn strategies and resources to help navigate the reintegration phase of deployment and make the readjustment process go as smoothly as possible.

Family members are invited to attend.  
For additional information, please call  
Army Community Service (ACS), phone, 410-278-7572/2180



## GREENS KEEPERS REVENGE 18 Hole Event

New date!  
June 4, 2016 9am  
Pre-registration at Exton Clubhouse

\$30 annual patron  
\$35 authorized patron  
\$40 as a guest

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



# Competitors enjoy camaraderie at 2016 Invictus Games in Florida

By **SHANNON COLLINS**  
DMA

While the competition throughout the week was fierce at the 2016 Invictus Games held at the ESPN Wide World of Sports Complex in Orlando, Florida, the athletes said the camaraderie was stronger.

Many of them said they created lifelong friendships with athletes from other countries during the May 8-12 games. Army reservist Staff Sgt. Zed Pitts, for example, said he gained friends and coaches in cycling and running.

## Making Friends

Pitts met British army sergeant and cyclist Andrew Perrin at the 2015 Department of Defense Warrior Games and raced against and with him at this year's Invictus Games.

"I met him at the 2015 Warrior Games. He scored a gold [medal] in his category, and I was in one category under him. He's kind of been guiding me," Pitts said. "I look up to him as a superior cyclist. He's like a semipro back home. He's received training from like professionals, so it's pretty cool that he looked at me as a cyclist with a lot of potential. He gives me a lot of guidance and training tips. He reminds me over and over again that I must enjoy the sport if I want to go far."

Pitts said Perrin was encouraging him throughout the time trial and criterium competitions here May 9, even though they were racing each other. When Pitts crashed, Perrin went back to check on him.

"Me and Zed, we get along really well," said Perrin, who earned a gold medal in the time trial and criterium at the Invictus Games. "We make good friends. We communicate all the time."

Pitts has also made friends with 1st Sgt. Naef Adebahr of the German army, who earned the the 200-meter bronze medal in track and field.

"The camaraderie is unbelievable here," Adebahr said. "Everyone here helps the others, and that's very good. Zed is a beautiful person. He inspired me. We help each other out."

## Jersey Swap

Medically retired Army Sgt. Monica Mo Southall said she loves the camara-

derie at the Invictus Games. As she was leaving the medal podium from track and field with competitor 1st Maj. Cpl. Pellegrina Caputo of the Italian army, Caputo asked her if they could switch jerseys.

Caputo, who earned a gold medal in shot put in her disability category, said she wanted to do it because "America is like a big family to Italians, and I wanted to keep this bond of friendship."

This was Caputo's first Invictus Games, and she beat her own record. "Today's not just about the medal, but about beating my own previous record," she said. "I'm very happy. I cried."

Caputo said she enjoyed the camaraderie throughout the week. "I'm very moved, and have bonded with athletes from all over the world. I've loved the atmosphere in the village and in the field," she said.

Southall said the camaraderie was just like it was in London during her first Invictus Games in 2014. "They just carried it over here to Orlando," she said. "Everybody's been so friendly and so nice -- just like in London. I love that I can get along with people who are from other nations who may have the same issues as me. We're just one big family here."

## Helping Hand

During the women's wheelchair races, Ulfat Zwiri, a government employment ee from Jordan, had trouble with her wheelchair. But as she finished, athletes from other countries came back to encourage her and finish with her. Her father was proud of her.

"I'm very happy she managed to finish the race with high morale and confidence. The Invictus Games have changed her completely," Yasreen Ahmad Salem Alzwiri said of his daughter. "She's very positive. It's changed her remarkably. These games are a wonderful vehicle for raising the morale of soldiers and for creating bonds of friendship between all the different nations."

Army Capt. Kelly Elmlinger said she was impressed with Zwiri and felt bad that when she noticed Zwiri didn't have a pair of racing gloves, she didn't have



Photo by Roger Wollenberg

Marine Corps Lance Cpl. Sarah Rudder, U.S. Special Forces Army Staff Sgt. Lauren Montoya, France's Marion Blot, medically retired Army Sgt. Anna Manciaz, Italy's Monica Contrafatto, and Air Force Capt. Christy Wise congratulate each other after running the women's 100-meter dash during the track and field competition at the 2016 Invictus Games.

an extra pair to give her.

"I give her all the credit in the world," Elmlinger said. "That was the first time she had gotten in a wheelchair. She didn't have racing gloves, and for her to put herself out there to start and to finish, it doesn't matter her time. It's amazing for her to make this journey and for her to put herself out there like that. That takes a strong individual."

Elmlinger said she enjoys the competition and the camaraderie. "With military adaptive individuals, we have this underlying bond that's just unspoken," she said. "It makes it very easy to hate you in the moment of competition, but when you're done, you're hugging and high-fiving."

## Lifelong Friendships

Team USA captain medically retired Army Capt. Will Reynolds said most of the athletes make lifelong friends with their competitors at the Invictus Games.

You have this network of individuals who you can rely on for recovery

tips and athletic training tips," he said. "It's just like something that never goes away. This group of people is always going to be connected now. The camaraderie is pretty strong."

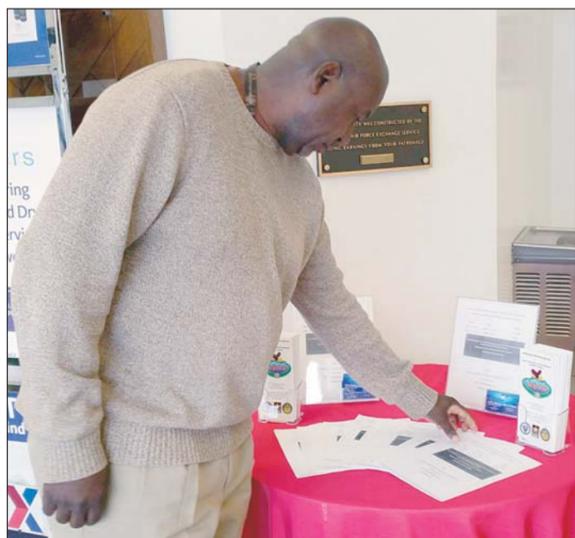
Air Force Master Sgt. Israel "DT" Del Toro said he has a blast hanging out with athletes from different nations. "I've known a lot of them from either the Warrior Games or the previous Invictus Games, and to see them again is great. I love joking with them," he said.

Medically retired Marine Corps Cpl. Anthony McDaniel said he enjoys how everyone gets along.

"Whether we're on the court or on the field, it's all competition, but it's good competition. When we're off, it's all love," he said. "Everybody's getting along. Everybody's networking, communicating and just supporting each other -- regardless of whether you finished first, finished last or whether you've never done this sport before. It's all about the love of the sport, and the love of the people who are here."

**I love that I can get along with people who are from other nations who may have the same issues as me. We're just one big family here.**

**Monica Mo Southall**  
Invictus competitor



(Above left) A customer at the APG South (Edgewood) Express picks up a flyer about a training program, hosted by the APG Army Substance Abuse Program to focus on substance abuse issues in the local area, geared toward APG supervisors. (Above right) Members of the Harford County Task Force and guest speakers at the Army Substance Abuse Program's supervisor training event, May 19, pose for a photo. The guests shared stories and answered questions during the training which aimed to inform Team APG supervisors about substance abuse disorder problems in the Harford County area.

# ASAP hosts training geared toward civilian supervisors

APG Army Substance Abuse Program

More than 60 Team APG supervisors attended a program on APG South (Edgewood), May 19, about substance abuse problems impacting the area community.

The event was hosted by the APG Army Substance Abuse Program, or ASAP.

"This was an opportunity to gain additional understanding of the substance abuse disorder problems in the Harford County area," said Wayne Allen, APG ASAP. "I also used this opportunity to promote [the ASAP] program and the upcoming trainings."

The event featured two keynote speakers who have been impacted by substance abuse disorders in Maryland.

According to Allen, the first keynote speaker, Debbie Hardy, became active in

**Ms. Hardy found the courage to speak publicly about her personal tragedy after realizing that if nothing is done, nothing will change.**

**Wayne Allen**  
APG ASAP

the fight against impaired driving after a car accident involving a drunk driver killed her daughter Janet Marie Hardy in 2003, a week before her 14th birthday.

"Ms. Hardy found the courage to speak publicly about her personal tragedy after realizing that if nothing is done, nothing will change," Allen said.

Hardy currently presents for Mothers Against Drunk Driving victim impact panels throughout Maryland and speaks

to offenders in Maryland's Positive Alternatives to Dangerous and Destructive Decisions program.

The other keynote speaker was Denise Hanna, of Harford County. Hanna's youngest son, Joshua Hanna, was killed in a car accident at the age of 21 when an impaired driver under the influence of heroin crossed the center line and struck Hanna's vehicle.

"Ms. Hanna has made it her life's

mission to raise awareness of the tragic consequences caused by heroin use and impaired drivers," Allen said.

The event was promoted with assistance from APG South (Edgewood) Express Manager Janelle Santiago, Allen said. A table was placed at the APG South Express announcing the event and inviting civilian supervisors to attend.

Also in attendance at the event were members of the Harford County Task Force, including Sgt. Kevin E. Taylor, Harford County Sheriff's Office; Lt. H.J. Dougherty, Harford County Sheriff's Office; Lt. Fred Budnick, Aberdeen Police Department; Havre de Grace Police Department; Detective Chris Parish, Harford County Sheriff's Office; and Joe Ryan, Office of Drug Control Policy.

# Army enters research co-op with Drexel Univ.

U.S. Army Research Laboratory

The U.S. Army is partnering with Drexel University in a joint research agreement to spur scientific research in areas of mutual interest.

The Army will work closely with Drexel under a Cooperative Research and Development Agreement, or CRADA, initially to identify damage on Army aircraft due to metal fatigue and stress and to formally address modeling approaches to the severity of damage precursors in aviation structures.

“This opportunity to collaborate in a formal partnership provides Drexel’s faculty and students, from numerous disciplines, with the ability to conduct collaborative fundamental and applied research with experts from the Army Research Laboratory,” said Aleister Saunders, PhD, Senior Vice Provost for Research at Drexel University. “The agreement instantly expands our research capabilities and provides a defined administrative framework for our involvement in mission-oriented research and development.”

A CRADA is a formal agreement between one or more federal laboratories and one or more non-federal parties under which the government, through its laboratories, provides personnel, facili-

ties, equipment or other resources.

“While many other projects will be spawned by this agreement, the initial project addresses our Sciences for Maneuver Campaign goals,” said Dy D. Le, chief of ARL-Vehicle Technology Directorate’s Mechanics Division. “This research explores capabilities for early detection of material damage precursors, how fast they evolve, and at what point in time it can be mitigated to prevent catastrophic failure of structures. Finding out where and when faults may occur in aviation structures is critical.”

For the last six months, Drexel University, through its leadership team, has expressed interest in moving forward with this critical collaboration, he said.

“The Army will work closely with Drexel’s team led by Professor Antonios Kontsos,”

Le said. “The partnership creates new experiential learning opportunities for students and connects them to career opportunities within the Department of Defense.”

Located in Philadelphia, Drexel is a “comprehensive global research university ranked among the top 100 in the nation,” according to its website. With about 26,000 students, it is one of America’s 15 largest private universities.

“ARL’s Open Campus business mod-



Photo illustration by Joe Stephens, Chris Boston & Conrad Johnson, RDECOM  
The U.S. Army Research Laboratory is partnering with Drexel University in a joint research agreement to spur scientific research in areas of mutual interest.

el creates a dynamic, cooperative science and technology ecosystem that links government assets with the global research community,” said Thomas Mulkern, chief of the ARL Technology Transfer Office. “Collaboration is centered on mutual scientific interest and investment by all partners.”

Open Campus partners work side-by-side with ARL research scientists and engineers to share ARL’s specialized research facilities and bring ARL researchers to their institutions to communicate a perspective on research conducted in federal laboratories, and become part of the broader DOD network, Mulkern said.

“ARL is opening areas of its Adelphi

Laboratory Center and APG to host visiting scientists and engineers, including foreign nationals,” he said. “We envision future construction of new facilities to host partners with laboratory and office space to serve academia and small businesses and to incubate entrepreneurial startups.”

ARL has about 180 active CRADA projects with industry and academia. CRADAs are authorized by 15 U.S.C. 3710a and implemented by Executive Order 12591. The governing Army regulation is AR 70-57, Military-Civilian Technology Transfer.

The laboratory and Drexel University hope to conduct a formal signing ceremony later next month.

# ECBC partners with Japan for explosive destruction

Edgewood Chemical Biological Center

A team employees from ECBC’s Chemical Biological Application and Risk Reduction, or CBARR, business unit, along with members of ECBC’s environmental and safety teams, are participating in the testing of the DAVINCHLITE. DAVINCH stands for Detonation of Ammunition in a Vacuum Integrated Chamber, while LITE refers to a refinement to the original system.

The developmental testing is funded by the Chemical Materials Activity, or CMA, and executed under a Joint Program Executive Office for Chemical and Biological Defense, or JPEO-CBD, contract with Kobe Steel. Kobe Steel was awarded the contract by JPEO-CBD to meet CMA’s requirement, and subsequently partnered with CBARR under a Cooperative Research and Development Agreement.

Representatives from Kobe Steel arrived at ECBC on APG South (Edgewood) in mid-February and will be onsite for the duration of the project, which is slated to be completed in July. They are providing technical support, troubleshooting and process electrical engineering.

Testing is being conducted at ECBC to ensure that the system meets U.S. environmental and safety standards, according to Ray DiBerardo, CBARR project manager. No previous tests on the system have been conducted in the U.S.

DAVINCHLITE and DAVINCH, its older, bigger sibling, have been used overseas for almost 10 years. Currently, the DAVINCH series of transportable EDT products is being used in seven projects worldwide, including China, Belgium and France.

The original DAVINCH model is referred to as DV 60, referring to its maximum rating based on the number of kilograms of explosives it holds. DAVINCHLITE, rated at DV 24, has less than half the explosive handling capacity of the original DAVINCH. The slimmed-down version still meets the requirements of the U.S. Department of



U.S. Army photo

CBARR operators place a simulated munition into the DAVINCHLITE as part of simulation exercises at ECBC. The new explosive detonation technology is being tested in an enclosure at the Prototype Detonation Test and Destruction Facility ON APG South (Edgewood).

Defense Explosives Safety Board, which regulates EDTs for military uses.

The system uses implosion energy, which destroys from outside to inside. Donor charges are placed outside the munition. The detonation of these donor explosives shatters the container or munition, and the shock and heat of the explosion destroys the chemical agent and any energetics.

“If testing is successful, DAVINCHLITE will be another tool in the toolbox, as far as EDTs go,” said DiBerardo.

CBARR has already successfully

checked off its first task, completing the set-up of the equipment in 20 days, again a first for the system in any country. Comparatively, the DV 60 normally takes two to three months to be completely installed.

Testing began the last week of April and is expected to continue for 40 days. Initial tests will use explosives only, to gauge the ability of the chamber to withstand the blast. The next testing phase will use simulated test 75mm and 155mm projectiles. The final testing phase will use mustard agent contained in Department of Transportation bot-

tl. This testing progression uses a safe, deliberate crawl (explosive), walk (surrogate), run (mustard) approach, DiBerardo said.

Preoperational survey exercises included performing normal operations such as wrapping a munition and placing it in the chamber, as well as preparations for upset conditions such as contamination, a medical emergency or both.

“If the system performs well, additional testing may be requested and the system will stay here a while longer,” DiBerardo said. “In the end, the technology has to prove itself.”

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

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

Acevedo, Rachel  
Acosta, Jeannie M.  
Barela, Linda M.  
Branscome, Teresa A.  
Ciborowski, Steven  
Clark, Lyra  
Coleman Jones, Nancy  
Crowder, Phillip N.  
Dennis, Robin N.  
Dileonardi, Ann Mae  
Dimond, Crystal  
Dissek, Michael J.  
Diveley, Roberta R.  
Donlon, Jacqueline A.  
Ellis, Gibson, Tanya J (T'Jae)  
Files, Benjamin T.

Gaddis, Lonnie  
Galloway, Dea S.  
Gant, Hennither B.  
Garrett, Mary F.  
Gilley, Christopher M.  
Glassman, Connie L.  
Gunter, Angeline W.  
Hampton, Devita D.  
Hamrick, Eunice G.  
Hazel, Wanda L.  
Hornberger, Michele D.  
Hug, Sarah C.  
Humphries, Theresa  
Johnson, Douglas W.  
Johnson, Patricia A.  
Khan, Abid R.

King, Sharon M.  
Kuciej, Andrea D.  
Kyro, Kelly J.  
Malczewski, Stephen V.  
Manos, Gust H.  
McCauley, Adrienne  
Meadowcroft, Catherine  
Meskill, Joseph F.  
Mielke, Sylvia A.  
Morrow, Anthony  
Nunley, Dana Y.  
Peduzzi, Jill L.  
Pulaski, Michele L.  
Redman, Corinne L.  
Rodriguez, Pedro  
Ruff, Albert L.

Ruske, Hilary P.  
Russell, Melissa A.  
Shoaf, Meaghan L.  
Solomon, Je'Neane  
Soto, Robert Alan  
Stadtler, Alberta R.  
Thompson, Curtis  
Tisdale, Dorris A.  
Tober, Linnea L.  
Vaccaro, Dominic S.  
Villanueva, Jenny  
West, Abby Lee  
Williams, Rodney B. Jr.

# DOD scientists working on alternative GPS

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

The Defense Advanced Research Projects Agency is working now to develop a backup system to be used by service members in the event that access to the Global Positioning System, or GPS, is denied to them by adversaries.

Lin Haas, with DARPA's Strategic Technology Office, discussed the effort, May 11, during "DARPA Demo Day" in the Pentagon courtyard.

"Our main goal is a backup position navigation and timing system when GPS is not available. We're focusing on naval surface and aviation ... and it's very applicable to Army helicopters," Haas said, adding that DARPA is working closely with the Army's Communications Electronics Research Development and Engineering Command in the effort.

The "Spatial, Temporal and Orientation Information in Contested Environments" project, or STOIC, is meant to provide position navigation and timing in situations where GPS is denied to U.S. forces, he said.

"Right now we don't have a backup PNT system that provides global coverage," he said. "That's what STOIC is researching -- can we provide a backup?"

The STOIC system makes use of very low frequency, or VLF signals already being generated by the Navy for use in communicating with submarines. The VLF stations are located around the globe in fixed locations. In part, STOIC uses those signals to triangulate a user's position on the globe, in much the same way a GPS receiver is used.

Haas had a video display at the Pentagon that demonstrated how some of their work might be applied. On the screen was an overview of a vehicle traveling along a route. Three lines on the screen traced the route of the vehicle's position.

A yellow line was produced by GPS, and was extremely accurate in following the vehicle along the road it traveled. A red line traced the vehicle's route using inertial navigation -- which uses things like a gyroscope and inertial sensors to measure a vehicle's movement away



Photo by Sgt. Ryan Hallock  
Spc. Carl Arenberg, horizontal construction engineer, 779th Engineer Company, prepares his Defense Advanced GPS Receiver (DAGR) for the night orienteering course during the 2014 U.S. Army Central Solider/NCO of the Year competition at Camp Buehring, Kuwait, May 19, 2014. The Defense Advanced Research Projects Agency is working to develop technology that will allow military personnel in aircraft and maritime vessels to navigate even when GPS is denied to them by the enemy. With further development, the technology will be useful for ground navigation as well.

from a previously-known point. The inertial navigation system was accurate for a while, then sharply diverged away from the actual route, never to return. Inertial navigation systems, because they don't use any external reference, compound on their own errors.

Finally, a green line showed navigation traced by a combination of inertial navigation plus use of a VLF signal. The green line danced erratically around the actual route, but never wandered too far from the vehicle.

"We took one day to plug the VLF receiver into the navigation system, and this is the result we got when driving,"

Haas said. "No months of optimization."

Haas said one of the reasons the green line danced around the screen was due to magnetic interference from things in the vicinity that affect the VLF signals. There was no mitigation for that kind of interference in their initial field tests, he said. But they will work on that to correct it. Additionally, he said, such interference isn't a problem in the air or on the sea -- so that's where they are focusing their efforts now.

"Once we get that foundation for that system in place, there is a lot of work we need to do in terms of developing VLF measurement models," he said.

Haas said an important aspect of using VLF to provide PNT for use in place of GPS is to measure how various terrain affects the VLF signal, and to incorporate that information into the systems that will use VLF for navigation.

"We've got a lot of hard work to do there," he said. "After that, that is when we want to focus on ground applications, and using the signals indoors. VLF can pick up indoors."

Haas said they are shooting to demonstrate real-time positioning with their system by fiscal year 2018 or 2019. There will also be an at-sea demo this summer.

## Community college hosts Maryland STEM event

Harford Community College

Harford Community College, or HCC, joined together with other Maryland colleges to present the 2nd annual Maryland Collegiate STEM Conference -- a two-day, statewide conference about science, technology, engineering, and mathematics-related topics, April 29-30. The first day was dedicated to the professional development of students, an opportunity that is unique to this conference, while the second day featured sessions that were focused toward STEM faculty.

Six HCC faculty from the Science, Technology, Engineering, and Mathematics, or STEM, and Behavioral Studies Divisions as well as 10 students from the Science Club, biotechnology class, and the Sustainable Growth Challenge Team attended the conference. The faculty and students participated in three presentations: "Passport to Harford," "Is It Time to Make a Change?" and "DNA Barcoding of the Spotted Quill." In addition, Harford was a conference silver sponsor, and HCC Associate Professor Tami Imbierowicz served on the planning committee.

Passport to Harford, or P2H, a student-faculty collaborative project, was submitted through the Maryland Sustainable Growth Challenge. The Harford student team presented a summary of their proposal which tied for first place in the challenge. P2H proposes to establish an interconnected system of bike paths and business connections linking four communities in Harford County. P2H was recognized for addressing the triple bottom line of sustainability -- economic opportunity, environmental protection, and social justice -- and in demonstrating the many benefits to all stakeholders and residents.

HCC Associate Professor Supawan King presented "Is It Time to Make a Change?." Engaging students in the classroom has been shown to increase student retention and success. King discussed different in-class activities she has used to engage students in better understanding new concepts in math classes such as trigonometry, calculus I and II, and differential equations. A variety of collaborative activities implemented in



Courtesy photo  
Harford Community College recently joined together with other Maryland colleges to present the 2nd annual Maryland Collegiate STEM Conference, April 29-30. Faculty and students participated in three presentations. Pictured, from left to right: (First row): HCC students John Biondo and Christopher Hill; (second row): Tami Imbierowicz, HCC Associate Professor of Biology, Jackie Madden, HCC Assistant Professor of Biology, HCC student Claire Vizzi, and HCC student Ashley Simmons; and (third row): HCC students Brad Fallon, Hannah Schantz, and Monib Fakheri.

courses including group work, lab-based activities, and technology assignments were shared as well as a comparison of student performance.

HCC biotechnology students were involved in the DNA presentation. DNA barcoding is used to identify a species and differentiate it from other living organisms using DNA sequencing technology. In this experiment, DNA extraction, PCR, gel electrophoresis, and DNA sequencing were performed as per the methods of the Cold Spring Harbor Laboratory DNA Learning Center. DNA

barcoding was used to determine the sequence of the *rbcl* gene in the Spotted Squill, *Ledebouria socialis* 'violacea,' a perennial from South Africa. The students worked with a faculty mentor and presented a poster showcasing the findings.

Hosted by Frederick Community College, the following community colleges were represented at the conference: Anne Arundel, Baltimore City, Baltimore County, Carroll, Cecil, Chesapeake, Frederick, Harford, and Montgomery. Four-year institutions

represented at the conference included Coppin State University, Hood College, Johns Hopkins University, Mount St. Mary's University, Towson University, University of Charleston, University of Maryland at Baltimore, University of Maryland -- Baltimore County, University of Maryland at College Park, and University System of Maryland at Hagerstown. Other partners include Cengage Learning, Howard Hughes Medical Institute, Ludesco and Pearson Education.

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

# THIS WEEK IN APG HISTORY

## APG News

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

PRSTD STD  
U.S. POSTAGE  
PAID  
Havre de Grace, Md.  
21078  
Permit No. 24

www.apgnews.apg.army.mil

Vol. 49, No. 13 • March 31, 2005

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 2005.

By YVONNE JOHNSON, APG News

2015

### 10 Years Ago: May 25, 2006



(Left) The Ordnance Corps NCO of the Year, Sgt. Nixon Pacheco, holds his eagle award as Garrison Command Sgt. Maj. Elvis Irby, right, congratulates other post winners during the 2006 Military Appreciation Luncheon at Top of the Bay.

(Below) Garden Club members, from left, Lisa Panozzo, Tammy Wright, Corinne Sicard and Gloria DeBerry plant flowers at the entrance of Plumb Point Loop as part of the Military and Civilian Spouses Club post beautification campaign.



2010

2000

### 25 Years Ago: May 29, 1991

1990



(Left) Boy Scouts Mark Grieco, on ladder, and Jamie Scythes of Troop 85 in Media, Pennsylvania, check out a Fox chemical agent detection vehicle during Armed Forces Day, 1991

(Right) A camouflaged face makes for an even brighter smile as 6-year-old Gregory Stevens show off the first-place trophy his frog Geraldine won during the Armed Forces Day frog jumping contest.



1980

1970

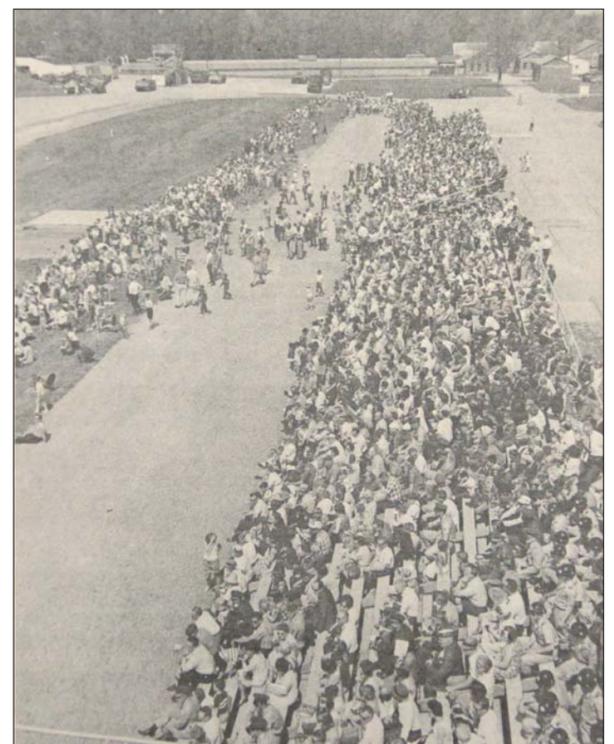
### 50 Years Ago: May 26, 1966

1960

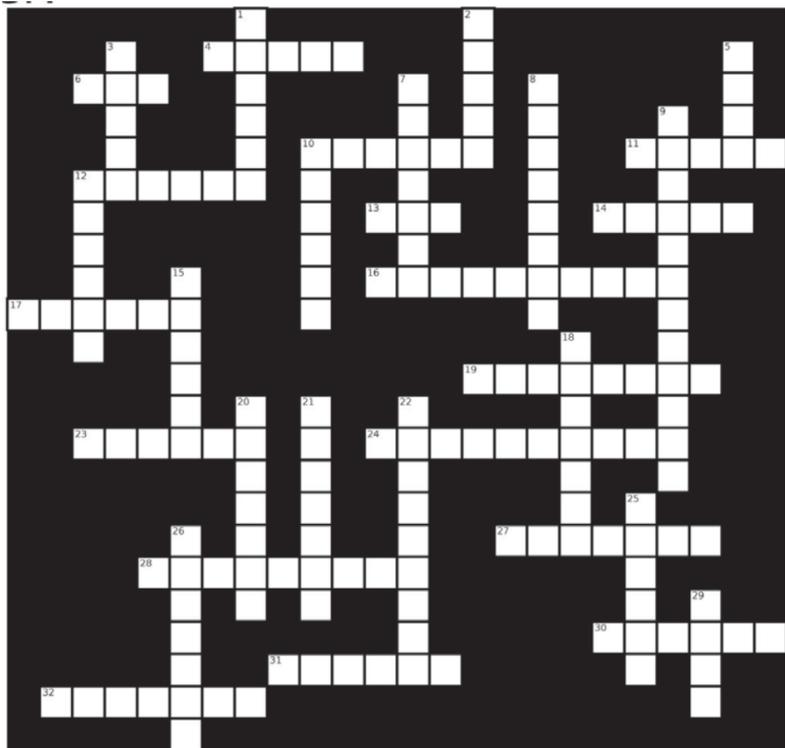


(Above) From left, Pfc. Kinnith Bowman, 2nd Lt. Larry Lascody and Pfc. Loren Schmidt, far right, of the Mobility Training Department, explain the operation of the M60 tank to Ann Pruitt of Edgewood and Dee Sheppard of Aberdeen during Armed Forces Day at APG.

(Right) A record 45,000 people take in the 17th annual Armed Forces Day festivities on Aberdeen Proving Ground's main front.



1950



# The APG Crossword

## Ocean City, Maryland

By **RACHEL PONDER**, APG News

This summer, millions of people will beat the heat with a trip to Ocean City, Maryland. This Ocean City-themed trivia puzzle celebrates the unofficial start of summer.

### Across

- 4. Ocean City's public transportation system is nicknamed the "\_\_\_\_\_ Bus."
- 6. \_\_\_\_\_ currents are the cause of 80 percent of rescues carried out by beach lifeguards.
- 10. Prior to 1870, what is now Ocean City was known as "The Ladies' \_\_\_\_\_ to the Ocean."
- 11. The Ocean City boardwalk is nearly \_\_\_\_\_ miles long.
- 12. "Endless Summer \_\_\_\_\_" is a free annual car show held in September at the Ocean City Convention Center.

- 13. Number of miles of shoreline in Ocean City.
- 14. In 2012, part of the Ocean City Boardwalk was damaged as a result of this hurricane.
- 16. An inlet separates Ocean City from \_\_\_\_\_ Island.
- 17. In 1952, with the completion of the Chesapeake Bay \_\_\_\_\_, Ocean City became easily accessible to people in the Baltimore-Washington metropolitan area.
- 19. The \_\_\_\_\_ Hotel, which opened July 4, 1875, was the first major hotel in Ocean City.
- 23. The Ocean City board-

- walk was originally called "Atlantic \_\_\_\_\_." It dates back to 1902.
- 24. In June 2015, this type of shark was spotted swimming in the surf of Ocean City.
- 27. The land on which Ocean City was built, and much of the surrounding area, was acquired from Native Americans by this Englishman.
- 28. Ocean City is located in this Maryland county.
- 30. During the summer months, Ocean City becomes the \_\_\_\_\_ most populated town in Maryland.
- 31. Known as the "White Marlin Capital of the World," Ocean City hosts the White Marlin Open during this month.
- 32. Ocean City's "\_\_\_\_\_ in the Park" is a free concert series held each Sunday in July and August.

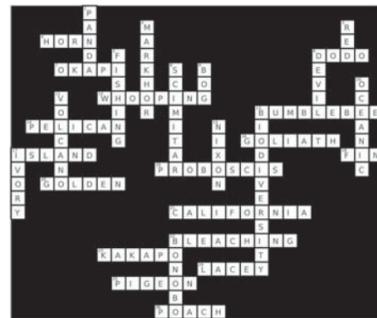
### Down

- 1. Current mayor of Ocean City.
- 2. Located in the southernmost end of Ocean City, \_\_\_\_\_ Park is a popular fishing spot.
- 3. On Aug. 1, 2014, a 12.8 foot long, 1,000-pound \_\_\_\_\_ shark was spotted in the middle of the Isle of Wight Bay, located in Ocean City.
- 5. The Maryland State Firemen's Parade is held every year during this month.
- 7. In the 1986 film, "\_\_\_\_\_ Are Blue, starring Kevin Kline, Sissy Spacek and Bonnie Bedelia, two high school sweethearts rekindle their lost love while vacationing in Ocean City.
- 8. Trimper's \_\_\_\_\_, one of the oldest fixtures on the boardwalk, has been in continuous operation since its 1912 installation.
- 9. The 2016 OC Airshow, held in June, will feature the U.S. Air Force \_\_\_\_\_.
- 10. The Ocean City boardwalk has two amusement parks, Trimper's Rides and Jolly \_\_\_\_\_ at The Pier.
- 12. In 1869, this businessman built the city's first beach-front cot-

- tage that would accommodate paying guests.
- 15. About nine miles from Ocean City is the city of \_\_\_\_\_, which was named "America's Coolest Small Town" by Budget Travel in 2014.
- 18. This first Master Chief Petty Officer of the Coast Guard who died in 2002, was born and raised in Ocean City, Maryland.
- 20. The Ocean City Life-Saving Station Museum has exhibits that portray the history of the U.S. Life-Saving \_\_\_\_\_.
- 21. Name of the annual fall-themed Ocean City festival held in September.
- 22. In 2014, Ocean City was ranked as the most \_\_\_\_\_ place in Maryland by the real estate brokerage Movoto, per studies of 2012 FBI crime statistics.
- 25. Director of the 2008 independent movie, "The Graduates" about a high school graduates who go to Ocean City for Senior Week.
- 26. Ocean City has only a single major north-south thoroughfare, Maryland Route 528, known as the \_\_\_\_\_ Highway.
- 29. The Ocean \_\_\_\_\_ Skate Park in South Ocean City, was the first skate park to open on the East Coast in the United States, and is the longest running municipal skatepark in the United States today.

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

Solution to the May 19 puzzle



## WORD OF THE WEEK

### Languid

Pronounced: LANG-gwid  
Part of Speech: Adjective

#### Definition:

- 1. Drooping or flagging from or as if from exhaustion: weak
- 2. Sluggish in character or disposition: listless
- 3. Lacking force or quickness of movement: slow

#### Use:

- Despite the urgency of the situation, they proceeded at an exasperatingly, languid pace.
- Until the clock tower fell, there was nothing to distinguish that day from any other typically hot and languid summer day in the Mississippi Delta.
- The softball team's languid defense allowed 11 runs in one inning.

By **YVONNE JOHNSON**, APG News

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

## ACRONYM OF THE WEEK

### USAFE-AFAFRICA

United States Air Forces in Europe-Air Forces Africa

U.S. Air Forces in Europe & Air Forces Africa is an Air Force major command, or MAJCOM, and a component command of the U.S. European Command and the U.S. Africa Command. USAFE-AFAFRICA commands U.S. Air Force NATO units and maintains combat-ready wings from Great Britain to Turkey. It plans, conducts, controls, coordinates and supports air and space operations in Europe, parts of Asia and all of Africa with the exception of Egypt to achieve U.S. national and NATO objectives based on taskings by the two combatant commanders.

USAFE-AFAFRICA is headquartered at Ramstein Air Base, Germany. It is the oldest continuously active USAF major command. It was originally activated Feb. 1, 1942 at Langley Field, Virginia, as the Eighth Air Force, by U.S. Army Air Forces.

Gen. Frank Gorenc commands the more than 35,000 active duty and Air Reserve Component personnel, and civilian employees of USAFE-AFAFRICA.



By **YVONNE JOHNSON**, APG News

Source(s): <http://www.usafe.af.mil/>; <https://www.wikipedia.org/>



## APG CATCH-A-POACHER PROGRAM

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

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

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

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

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

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

# Event welcomes enlistees into US Armed Forces

Continued from Page 1

U.S. Army Materiel Command, or AMC, that "Leadership is a privilege, it's not an entitlement."

"With [leadership] comes responsibility and expectation will be a lot higher," he added. "Once you put on the uniform, the nation will hold you to a higher standard."

Noting that he has a daughter serving in the Army, the program's guest speaker, AMC Command Sgt. Maj. James K. Sims, assured family members that "the military is one family."

He offered the enlistees keys to success that included setting personal goals; observing, listening and learning; remaining humble and professional and understanding that noncommissioned officers are the experts of expertise.

"I see professional, future leaders and individuals who will have a significant impact on the future," he told the group. "Some of you are natural born leaders. You'll face challenges, but you should meet those challenges and build on those relationships."

Family members and members of Team APG looked on as Crawford administered the U.S. Armed Forces Oath of Enlistment. He and Sims presented each recruit with certificates and coins, and led two cake cuttings. Crawford assured the enlistees that their time in the service of the nation, "would be time well spent," and asked every veteran in the audience to stand and be recognized.

"Those are the people on whose shoulders you'll stand," he told the enlistees. "You are now a part of something that is much bigger than yourself. Don't ever forget the people who stood up so that you might serve this great nation."

After the ceremony, attendees visited displays set up by APG organizations and watched a working dog K-9 demonstration led by Directorate of Emergency Services police officers. Enlistees and their family members said they were impressed with APG technology as well as the remarks shared by Crawford and Sims.

While taking in the Army Research Laboratory's "Head Health Challenge" display of developing technologies to assist National Football League research in combating concussions, Army recruits Jumaanee Brown of Fells Point and Cyle Allio of Abingdon said they were surprised by the depth of military technology.

"This was all better than I expected," Brown said of the ceremony. He is entering Field Artillery and leaves for basic training in August. He said he has several friends in the military.

"This [enlistment] will be something new and I'm looking forward to the challenge," he said.

Allio, who also leaves in August, is heading to Fort Benning, Georgia for Infantry training. He said he's the first in his family to enter the military since World War II and that along with his duties he plans to focus on college.



From left, Navy enlistee Lisette Bullock, Marine Corps enlistee John Ahn, APG Senior Commander Maj. Gen. Bruce T. Crawford, Army enlistee Dakota Crawford, AMC Command Sgt. Maj. James K. Sims and Air Force enlistee Latoya Franklin cut into celebratory cakes during the Our Community Salutes event at the APG North (Aberdeen) recreation center, May 17. In recognition of Armed Forces Week, Team APG honored approximately 50 newly enlisted Soldiers, Marines, Airmen and Sailors from local recruiting stations..

Photo by Molly Blossie, APG News

"I just want to see the world and jump out of planes," he said.

Air Force recruit Gavin McCay of Baltimore said he expects to adapt well to the military lifestyle after two years of ROTC in high school. He enters broadcast journalism training in July. His mother, Michelle Lambert, an Air Force veteran, added that she enjoyed the program, particularly the speaker's remarks.

"I thought the whole program, especially the presentation was great," she said, adding that she could tell her son was equally impressed. "He just might want to do this the rest of his life," she said.

Bel Air High School senior Dakota Crawford, the son of CECOM civilian and retired Staff Sgt. Curtis Crawford, leaves in August for basic training at Fort Benning, Georgia. Dakota Crawford said that with an older brother in ROTC in college, entering the military was a no-brainer as it's in his "family lineage."

He said he was inspired by the ceremony and he appreciated Maj. Gen. Crawford's comments about leadership in particular.

"I believe I'm a natural born leader," he said. "He [Maj. Gen. Crawford] gave me greater motivation, drive and confidence. Within the next five years, I see myself reenlisting as a sergeant and leading Soldiers."

Curtis Crawford said he thinks his son



APG Senior Commander Maj. Gen. Bruce T. Crawford presents a certificate of appreciation, commemorative ID tags and words of wisdom to Army enlistee Fedeeelah Silver during the Our Community Salutes event, welcoming local military enlistees into the armed forces at the APG North (Aberdeen) recreation center May 17.

Photo by Molly Blossie, APG News

will do "fantastic" in the Army.

"He's resilient and good at improvising and adapting to situations," he said.

"I absolutely agree with his decision. He even said he'd like to serve in my old unit. I support him 100 percent."

# Bike event ties cycling to resiliency, fitness

Continued from Page 1

rideshare coordinator for the Harford County Office of Economic Development. "When you do that, you are encouraging more people to get healthy and to save the environment at the same time by reducing the number of cars on the road plus their carbon footprints."

APG North B2WD participants had the opportunity to either bike from home to work or meet at the designated spot on post to complete a 12-mile route around the installation. Before the start of the 12-mile route, ATEC health and wellness coordinator, Gale Sauer, gave the group of cyclists a safety briefing and went over the B2WD route. She also demonstrated hand gestures for cyclists to point out obstacles in the road and signal their intent to motorists and other cyclists to either change lanes or make a turn.

Vendors from Advanced Eye Care and Aesthetics, the Bike Doctor, the Bike Shop of Bel Air, and APG Commuter Center cheered on and supported the cyclists before, during, and after the bike ride. The cyclists were provided with breakfast and beverages, courtesy of Harford Commute Smart, and a chance to win prizes donated by local businesses and organizations.

ATEC's commanding general, Maj. Gen. Daniel L. Karbler, participated in the ride and welcomed the group back at the end of the route, thanking the cyclists for their participation.

"Even though this is just a one-day event, fitness is an everyday event," Karbler said. "Though it is called 'Bike to Work Day,' it is also 'Bike Back Home Day,' where you can contemplate



Maj. Gen. Daniel L. Karbler, ATEC commanding general, thanks cyclists who participated in Bike to Work Day, or B2WD, on APG North (Aberdeen), May 18. Before the start of the 12-mile route, cyclists were reminded of proper hand gestures to use for indicating lane changes or upcoming turns to motorists and other cyclists.

the big idea that came to you while at work as you de-stress on your way back home."

At the conclusion of the event, Doran announced that ATEC was the winner of the 2016 Bike to Work Team Cycle Challenge. They took home a trophy noting their win.

"The Team Cycle Challenge is where commands on APG North compete to field the largest team of cyclists who have made the commitment to bike to work," Doran said.

Doran and Sauer each gave special thanks to the team leaders, ride leaders, sweepers, and Department of Emergency Services who assisted in bringing together cyclists from many commands to participate safely in the annual community event.

B2WD participant Mark Downes, a mechanical engineer with the U.S. Army Materiel Systems Analysis Activity, AMSAA, won a new bicycle after being randomly selected by a B2WD sponsor.

Over the last four years, Harford County's B2WD has expanded from the original site in Bel Air to include Havre de Grace, APG North (Aberdeen) and APG South (Edgewood).

According to Doran, Harford County came in second in the number of registrations for the 2016 B2WD in the Baltimore metropolitan region.

B2WD is just one of the many events held during APG's Armed Forces Week. For more information on B2WD, visit [www.bike2workcentralmd.com](http://www.bike2workcentralmd.com).

# Soldiers, family to represent APG this year

Continued from Page 1

ners in protecting the United States here on the mainland and across the globe," he said. "We also remember those men and women who gave that ultimate sacrifice."

APG Senior Commander Maj. Gen. Bruce T. Crawford thanked the chamber members and elected officials in attendance for their continued support and recognized veterans in the audience with a round of applause. He noted that it was an "honor and a privilege" to represent the military.

"I simply just wanted to take the opportunity to say thank you to this great community for your hard work and for your dedication and commitment to those who wear the cloth of the nation," he said.

The 2016 NCO of the Year is Sgt. Reynaldo Gonzalez Valladares test and evaluation NCO with the U.S. Army Test and Evaluation Command's Aberdeen Test Center. The 2016 Soldier of the Year is Spc. Sean M. Willard with A Battery, 3rd Air Defense Artillery, who serves as a team leader for Surveillance Platoon, Squad 1.

Both Soldiers were awarded the Army Commendation Medal and presented with gifts from local organizations.

The Conway family, consisting of Sgt. 1st Class Joseph S. Conway, of the U.S. Army Test and Evaluation Command, wife Melinda and son Jordan received the 6th annual Family of the Year award for their support of APG and the surrounding community.

NCO, Soldier and Family award winners represent the installation in local community events during the coming year.

## NCO of the Year: Sgt. Reynaldo Gonzalez Valladares

Gonzalez Valladares joined the Army in 2010 because he wanted to advance his career. The best thing about serving in the military, he said, is that it brings a sense of accomplishment. Before serving at APG, he was stationed at Schofield Barracks, Hawaii.

To prepare for the Soldier of the Year boards, Gonzalez Valladares spent many hours studying Army regulations and other publications.

"For me, confidence comes from knowledge, so the more I know the more confident I am," he said. "It is hard to be confident when you do not know the information, so study as much as you can. Keep a professional appearance, a well maintained uniform and just make sure you go out there and do your best."

Gonzalez Valladares thanked his leadership and his family for their support, noting that he decided to challenge himself before the board to help conquer his fear of public speaking.

"I thought it was a good opportunity for me to get over that fear," he said. "So what better chance [to conquer a fear of public speaking] than to go to this high-level profile board."

Gonzalez Valladares is enrolled at Harford Community College. He said his professional goals include graduating from the U.S. Army Air Assault School and Advanced Leaders Course, then earning an associate degree in engi-



(Clockwise, from top left) APG Senior Commander Maj. Gen. Bruce T. Crawford stands with APG Soldier of the Year Spc. Sean M. Willard and 1st. Sgt. Stephanie Gibson during the 39th Military Appreciation Luncheon hosted by the Harford County Chamber of Commerce at the Richlin Ballroom in Edgewood, May 19; Crawford pins the Army Commendation Medal on APG NCO of the Year Sgt. Reynaldo Gonzalez Valladares; From right, Sue Manning, Harford County Military Affairs committee member, poses for a photo with the APG Family of the Year Sgt. 1st Class Joseph S. Conway, his son Jordan, 16, and wife Melinda.

Photos by Molly Blossie



neer technology. His long-term goal is to learn Korean.

## Soldier of the Year: Spc. Sean M. Willard

Willard, who joined the Army in 2014, said serving the nation by joining the Army has always been a fascination for him. APG is his first duty station.

"My favorite aspect [of the Army] is all the opportunity for success," he said. "You can really go out and make something of yourself if you just put a little bit of effort into it."

Willard thanked the leaders who inspired him to seize the opportunity to attend the Soldier of the Year board.

"I have gotten a lot of great leadership who has kind of helped me develop into the person I am," he said, "just because they let me know of opportunities. All you have to do is simply take these opportunities that are presented of you. Understand these good things that have come your way, and just seek out and grab it."

He thanked his family, including his fiancé Lindsey Poret and his parents. He also thanked his squad, his platoon and his battery calling them a "large extended family."

"Everybody who has been involved in my growing up in the Army, I feel, have all played a bit of influence in helping me develop to be the best person that I can be."

Willard has a bachelor's degree in

computer science from Southeastern Louisiana University, and he plans to pursue a Master of Business Administration with a concentration in human resource management from Central Michigan University.

## Family of the Year: The Conways

This is the second consecutive year the Conway family has been selected as the APG Family of the Year. In 2015, they donated more than 2,000 hours supporting APG and their community.

Sgt. 1st Class Conway, who serves as the APG Sergeant Audie Murphy Club, or SAMC, treasurer, said giving back is like second nature for his family.

"We like doing what we do," he said.

Melinda Conway said that volunteering is a "family value," and that it brings them joy to be able to give back to others. She established and organized the ATEC Family Readiness Group and she performs administrative functions for the Protestant Women of the Chapel. She also frequently volunteers with Army Community Service, or ACS.

She recently became a bingo caller during the new APG Morale, Welfare and Recreation program at the APG Bowling Center, on Monday and Wednesday evenings.

"That is my newest adventure, and I really enjoy it," she said.

In April, Melinda Conway was select-

ed as the Family Member Volunteer of the Year and the Conway family received the Family Volunteer of the Year award.

Jordan Conway, 16, is a junior at Aberdeen High School. In addition to volunteering at ACS, his school, and his church, he is a trainee with the Chesapeake Search Dogs, a non-profit organization that provides trained canine search teams for lost or missing persons.

He said his career aspirations include joining the U.S. Air Force and becoming a game warden, also known as a wildlife officer.

The Conway family volunteers for several on and off-post organizations including ACS, ATEC, Aberdeen High School and Mountain Christian Church in Joppa, Maryland. They recently agreed to serve as coordinators for Wear Blue: Run to Remember, the Harford County/APG chapter of the non-profit organization that creates a support network for military families and honors fallen Soldiers.

The annual program included the posting of colors by the Freestate Challenge Academy color guard and remarks by guest speakers Ken Day and Fred Shinbur, the executive producer and the project coordinator of the "Maryland Vietnam War Stories," a three-hour documentary.

Michelle L. Goddard, with the U.S. Army Edgewood Chemical Biological Center, sang the national anthem.



## DID YOU KNOW ?

### Former U.S. Senator Daniel Inouye of Hawaii, the first Japanese American to serve in the U.S. House of Representatives and in the U.S. Senate, was also a Medal of Honor recipient.

Inouye enlisted in the Army in 1943. He was a member of the famed Nisei 442nd Regimental Combat Team, made up of second-generation Japanese Americans from Hawaii and the mainland. In 1945, 2nd Lt. Inouye was severely wounded while leading an assault near San Terenzo in Tuscany, Italy and eventually lost his right arm.

"Second Lieutenant Daniel K. Inouye distinguished himself by extraordinary heroism in action on 21 April 1945, in the vicinity of San Terenzo, Italy. While attacking a defended ridge guarding an important road junction, Second Lieutenant Inouye skillfully directed his platoon through a hail of automatic weapon and small arms fire, in a swift enveloping movement that resulted in the capture of an artillery and mortar post and brought his men to within 40 yards of the hostile force. Emplaced in bunkers and rock formations, the enemy halted the advance with crossfire from three machine guns. With complete disregard for his personal safety, Second Lieutenant Inouye crawled up the treacherous slope to within five yards of the nearest machine gun and hurled two grenades,

destroying the emplacement. Before the enemy could retaliate, he stood up and neutralized a second machine gun nest. Although wounded by a sniper's bullet, he continued to engage other hostile positions at close range until an exploding grenade shattered his right arm. Despite the intense pain, he refused evacuation and continued to direct his platoon until enemy resistance was broken and his men were again deployed in defensive positions. In the attack, 25 enemy soldiers were killed and eight others captured. By his gallant, aggressive tactics and by his indomitable leadership, Second Lieutenant Inouye enabled his platoon to advance through formidable resistance, and was instrumental in the capture of the ridge. Second Lieutenant Inouye's extraordinary heroism and devotion to duty are in keeping with the highest traditions of military service and reflect great credit on him, his unit, and the United States Army."

Inouye went on to become the second longest serving U.S. Senator in history as well as the most senior U.S. Senator at the time of his death on Dec. 17, 2012 at age of 88. He was posthumously awarded the Presidential Medal of Freedom.

By **YVONNE JOHNSON**, APG News  
Source(s): [www.wikipedia.org](http://www.wikipedia.org)  
[www.achievement.org](http://www.achievement.org)



## Carl, how popular is the APG Facebook page?

So popular, Fort Meade comes to us for updates



like us on facebook

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



# APG SNAPSHOT

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



## RUNNING TO HONOR THE FALLEN

More than 300 runners and walkers participated in the Run to Honor 5-mile run/5K walk at Shore Park, May 19. Hosted by APG MWR, and Survivor Outreach Services, Run to Honor provides the opportunity to run in honor of a fallen service member or in support of surviving families.

Photos by Yvonne Johnson, APG News



## OUR COMMUNITY SALUTES

APG Special Reaction Team police officer Jeremy Rondone, right, adjusts a bite sleeve on Marine Corps recruit Nick Cockrell, during the Our Community Salute K-9 team demonstration at the APG North (Aberdeen) recreation center May 17.

In recognition of Armed Forces Week, Team APG honored approximately 50 newly enlisted Soldiers, Marines, Airmen and Sailors from local recruiting stations.

Photo by Yvonne Johnson, APG News

## THE GIs OF COMEDY

(Right) Comedian Joe Kashnow, an Iraq War veteran and amputee from Baltimore who said he found that "comedy truly is the best medicine," corrals his rambunctious sons and service dog Chico for the ride home; (Below) APG Garrison retirement services officer Betty Willard, left, takes a selfie with U.S. Air Force retiree and GIs of Comedy comedian Walter Campbell in the recreation center lobby after the show.

Photo by Yvonne Johnson, APG News



## APPRECIATION LUNCHEON SALUTES THE MILITARY

(Left) Cadet Luke Devileiss, 17, leads the Freestate Challenge Academy color guard in for the posting of the colors during the 39th Annual Military Appreciation Luncheon at the Richlin Ballroom in Edgewood, May 19.

(Below) Military Appreciation Luncheon attendee Kevin Murray, left, chats with Vietnam veteran Robert Jones, one of the several veterans who were honored guests of the annual event.

Photos by Molly Blossie, APG News

